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Anthropology

GENERAL INFORMATION

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Faculty Members and Areas of Research

Alexandreine Boudreault-Fournier, PhD (Manchester)
Sociocultural anthropology; visual anthropology; sound; creative practices; digital media; cultural policy, Cuba, Canada

Leslie Butt, PhD (McGill)
Sociocultural anthropology; family and migration, medical anthropology, gender and reproduction, HIV/AIDS, Indonesia; the Pacific and Southeast Asia

Melissa Gauthier, PhD (Concordia)
Sociocultural anthropology; economic anthropology; border studies; informal and illicit economies; cross-border trade, Mexico-U.S. borderlands; Mexico, Yucatan

Lisa Gould, PhD (Washington U St Louis)
Primate ecology, lemurs, conservation, Madagascar

Helen Kurki, PhD (Toronto)
Biological anthropology, skeletal biology, hominin functional anatomy

Yin Lam, PhD (Stony Brook)
Archaeology, zooarchaeology, palaeoanthropology

Quentin Mackie, PhD (Southampton)
Archaeology, Haida Gwaii, Salish Sea, stone tools, Northwest Coast

Margo L. Matwychuk, PhD (CUNY)
Sociocultural anthropology, political economy, feminism, Latin America (Brazil), poverty, housing and homelessness, politics of food and hunger

Erin Halstad McGuire, PhD (Glasgow)
Archaeology, material culture, funerary rituals, gender identities, medieval North Atlantic, historical archaeology, experimental archaeology, teaching and learning in undergraduate education

Iain McKechnie, PhD (UBC)
Coastal archaeology, historical ecology, Northwest Coast, zooarchaeology

Lisa M. Mitchell, PhD (Case Western Reserve U)
Cultural anthropology, bodies and embodiment, reproduction, ultrasound imaging, children and youth, visual culture, Philippines, Canada

April Nowell, PhD (U Penn)
Neanderthal, Palaeolithic art and archaeology, hominin life histories

Eric A. Roth, PhD (Toronto)
HIV/AIDS; substance use, Canada

Daron Rudnyckyj, PhD (UC Berkeley)
Globalization; development; religion; science and technology studies; social studies of finance; Southeast Asia

Ann B. Stahl, PhD (UC Berkeley)
Archaeology, comparative colonialism, material cultural studies, Africa; Ghana

Brian Thom, PhD (McGill)
Sociocultural anthropology; indigenous peoples; ethnographic mapping; place; aboriginal rights, title and governance; Coast Salish

Andrea N. Walsh, PhD (York)
Visual anthropology, visual culture & theory, contemporary First Nations visual culture

Margot E. Wilson, PhD (Southern Methodist U)
Sociocultural anthropology; culture change, international development, Bangladesh, women’s narratives

Degrees and Specializations Offered

The Department offers programs of study leading to a Master of Arts (MA) and to a Doctor of Philosophy (PhD).

Facilities

The Department has large research labs devoted to archaeology, biological anthropology, and visual anthropology. It houses an extensive comparative faunal reference collection. Two recently opened labs are devoted to ethnographic mapping and to the study of sound. University resources of particular benefit to anthropology students include: the McPherson Library, which is the second largest research library in B.C. and the largest on Vancouver Island; the University Computing Centre; research centers in Addictions Research, Aging, Asia Pacific Initiatives, Bio-Medical Research, Global Studies, Religion and Society, Youth and Society, among others. Students interested in Northwest North America will find relevant resources among the important collections and holdings of the Royal British Columbia Museum and Provincial Archives of British Columbia.

Financial Support

Well-qualified applicants are eligible for graduate awards and fellowships. The maximum value of such awards in 2015 was $18,000, with most ranging between $3,000 and $7,000. Students who are eligible are expected to apply for graduate fellowships offered by federal funding agencies (e.g., NSERC, CIHR, SSHRC). A number of teaching assistantships are available, usually at a value of $6,000 for eight months’ work during the fall and winter terms. Additional teaching assistantships may be available for the summer term.
ADMISSION REQUIREMENTS

General
The graduate program in Anthropology has been designed to transcend traditional sub-disciplinary boundaries by focusing on four integrative themes:

1. Inequality, Culture, Health
2. Evolution and Ecology
3. Indigenous Peoples
4. Visual Anthropology and Materiality

All applications are reviewed by the Departmental Graduate Committee, and students are accepted into the graduate program only if they meet admissions requirements and if there is at least one faculty member able, interested, and available to supervise the proposed topic of research. Prospective applicants are encouraged to contact the faculty member(s) with whom they wish to work.

Deadlines
January 15

Admission To MA Program
The Master of Arts degree in Anthropology is a general degree requiring a candidate to have a broad knowledge of the subfields of the discipline. The program introduces students to our department’s unique thematic foci and requires them to conduct a major, independent research project leading to a thesis.

Students are required to have passed undergraduate courses equivalent to those comprising the Anthropology Major Program (see University of Victoria Undergraduate Calendar). Applicants without this equivalent may be asked to take the appropriate courses to satisfy the Major requirements before admission into the MA program.

In addition to the materials required by the Faculty of Graduate Studies, applicants must submit a brief statement outlining the intended program and field of study and a recent sample of their scholarly work. Normally a B+ average (6.0 GPA) for the last two years of university work is a minimum requirement for admission to the MA program.

Admission to PhD program
The PhD program in Anthropology enables students to specialize in one of our department’s unique thematic foci and requires them to initiate and conduct a major, independent research project leading to a dissertation. Applicants will normally be required to have completed a baccalaureate and master’s (thesis or project-based) degree in Anthropology at recognized academic institutions. They are expected to have achieved a minimum A- average (7.0 GPA) in their master’s program, have strong letters of reference, present a clear statement of research interests, and submit an example of scholarly work.

PROGRAM REQUIREMENTS

Master of Arts program
MA students are required to complete a minimum of 7.5 units of course work and a 7.5-unit thesis.

Course Requirements
The MA program requires students to take the two core courses (1.5 units each):

- ANTH 500 Seminar in Anthropological Theory
- ANTH 516 Seminar in Anthropological Research Methods

and two of the following seminars (1.5 units each):

- ANTH 511 Advanced Research Seminar in Inequality, Culture, and Health.

Course Requirements

- ANTH 541 Advanced Research Seminar in Indigenous Peoples in Prehistoric, Historic, and Contemporary Contexts
- ANTH 551 Advanced Research Seminar in Ecology and Evolution
- ANTH 571 Advanced Research Seminar in Visual Anthropology and Materiality

and 1.5 units of elective from within or outside the department with the permission of the student’s supervisor. Possible electives offered by the department include, but are not limited to, other advanced research seminars, upper-level undergraduate courses, and graduate courses offered under Selected Topics, Specialized Themes, and Directed Studies.

Thesis Proposal
Students will register in ANTH 597 (Thesis Proposal Development) while preparing the thesis proposal, typically in the summer term at the end of the first year in the program. The thesis proposal and thesis are prepared under the direction of the supervisory committee. The thesis proposal must be approved by the committee before September 15th of the second year of the MA program. Once the thesis proposal has been approved, the student registers in ANTH 599 (Thesis).

Thesis
The thesis, carrying 7.5 units of credit, will entail specialized research on a topical area chosen in consultation with the student’s supervisory committee. Once the thesis is judged ready to be defended by the committee, an application is made for an oral defense, in accordance with the process set by the Faculty of Graduate Studies. The supervisor will recommend an appropriate external examiner. This member of the examining committee comes from another department or institution, normally has no input in the creation of the thesis, and, as an arms-length knowledgeable member, is given the leading role in examining the candidate. The oral examination is chaired by a faculty member from a separate department, appointed by the Dean of Graduate Studies.

Program Length
Full-time students are expected to complete the MA program in two years.

PhD Program
PhD students must complete 30 units of graduate credit, including a 20-unit dissertation. Students are required to complete four 1.5 unit graduate courses during their first two years in the program, the period of residency. The courses will include ANTH 600 (Professional Development in Anthropology), one specialized directed study (ANTH 690A, 690B, 690C, 690D, 690E or 690F), one advanced research seminar (ANTH 611, 641, 651 or 671), and one course that satisfies the Breadth of Knowledge requirement (a course in a theme other than the one in which they have chosen to specialize, or in another academic discipline). In addition, students are required to register and participate in the Graduate Colloquium in both the fall and spring semesters of their two years of residency. Depending on the coursework completed during his/her MA program, a student may be required to complete ANTH 500, the department’s MA-level method and theory course.

Students must achieve at least a B+ (6.0) in required courses and maintain a cumulative GPA of at least A- (7.0).

Summary of PhD Requirements

- ANTH 600 .......................................................... 1.5
- ANTH 690A, 690B, 690C, 690D, 690E or 690F .......................................................... 1.5
- ANTH 611, 641, 651 or 671 .......................................................... 1.5
- ANTH 612 (Colloquium) .......................................................... 1.0
- Breadth of Knowledge requirement .......................................................... 1.5
Summary of PhD Requirements

ANTH 693 Candidacy Examinations ........................................... 3.0
ANTH 699 Dissertation .......................................................... 20.0

Advancement to Candidacy

Students enroll in ANTH693 (PhD Candidacy Examinations) in preparation for candidacy. To advance to candidacy, students must successfully complete all coursework, the language requirement, the comprehensive examinations, and the dissertation proposal defense.

The PhD language requirement of proficiency in a language other than English may be met through the completion of relevant courses in the target language or through the demonstration, on the basis of a written translation exam, of competence in communication in that language.

For the comprehensive examinations, students, in consultation with their supervisory committee, will craft three important, original questions related to their research area and answer those questions in written format, drawing upon literature covered in doctoral coursework and readings.

Students must also prepare and defend a dissertation research proposal. They will give a presentation on their proposal topic and an answer questions posed by the supervisory committee on the theoretical foundation, methodology, and significance of the proposed research.

Once these requirements have been fulfilled (normally by the end of the second year of full-time study), the student will have completed ANTH693 and will enroll in ANTH699 Dissertation.

Dissertation

PhD students are required to prepare, submit and defend a dissertation, which carries 20 units of credit. The dissertation is the culmination of intensive, independent and original research. Once the dissertation is judged ready to defend by the supervisory committee, an application is made for an oral defense, in accordance with the process set by the Faculty of Graduate Studies. The supervisor will recommend an appropriate external examiner. This member of the examining committee comes from another institution, normally has no input in the creation of the dissertation, and, as an arm’s-length knowledgeable member, is given the leading role in examining the candidate. The oral examination is chaired by a faculty member from a separate department, appointed by the Dean of Graduate Studies.

Program Length

Full-time students are expected to complete the PhD program in 4 to 5 years.

Co-operative Education

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for full-time graduate students. To receive the Co-op designation on their transcripts, Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Anthropology Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op” (page 46).

Art History and Visual Studies

GENERAL INFORMATION

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Faculty Members and Areas of Research

Allan Antliff, PhD (Delaware)
Modern American and European art, Contemporary art, Anarchist studies

Evanthia Baboula, DPhil, (Oxford)
Material & Visual Culture, Northeast Mediterranean

Carolyn Butler-Palmer, PhD (Pittsburgh)
Modern & Contemporary Art of the Pacific Northwest

Erin Campbell, PhD (Toronto)
Early Modern European Art

Catherine Harding, PhD (London)
Late Medieval/Early Italian Renaissance art

Lianne M. McLarty, PhD (Simon Fraser)
Feminist film theory, critical theory, popular culture

Marcus Milwright, DPhil (Oxford)
Medieval Islamic art and archaeology

Astri Wright, PhD (Cornell)
Southeast Asian art (including textiles, ephemeral arts), modern and contemporary arts

Victoria Wyatt, PhD (Yale)
North American Native arts and ethnohistorical photographs

Emeritus

Kathlyn Liscomb, PhD (Chicago)
Chinese art, art theory, and art historiography

S. Anthony Welch, PhD (Harvard)
Islamic art and architecture; Iranian painting; architecture of Muslim India

Christopher A. Thomas, PhD (Yale)
Canadian art and architecture, modern architecture

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Islamic art and architecture; Iranian painting; architecture of Muslim India

Christopher A. Thomas, PhD (Yale)
Canadian art and architecture, modern architecture
Degrees and Specializations Offered
The Department of Art History and Visual Studies offers programs of graduate study leading to the degrees of Master of Arts and Doctor of Philosophy. The program for each student is determined by the Graduate Adviser and the appropriate supervisor in consultation with the student, and is intended to meet the student’s specific academic needs while at the same time maintaining some breadth of exposure to a wide range of topics and methodologies.

The department also participates in the Co-operative Education Program; students who are interested in the possibility of gaining discipline-related work experience while they pursue their degree are invited to contact the department’s Graduate Adviser.

Financial Support
Financial assistance: well-qualified applicants are eligible for a University Fellowship. Several teaching or research assistantships may also be available, usually ranging from $2,700 to $7,000 for eight months’ work. There are also several awards that provide small numbers of exceptional or financially needy students with additional funds. Please contact the Graduate Adviser of the department for additional details.

Admission Requirements
General
As part of the requirements of the MA and PhD programs of the Department of Art History and Visual Studies, all applicants must submit a brief statement of the reasons for their interest in a career in art history, a CV, transcripts, two reference letters and a sample of their written art-historical research. This may be a paper, publication or, where relevant, an MA thesis.

Admission to the Master’s Program
Applicants for the MA program must have a significant academic background in the history of art, either through a Major or Honours degree in the history of art or a closely related field, or, if their degree is in some other discipline, through substantial course work in the history of art. A student who does not have sufficient course work in the history of art may be asked to complete a full year of additional course work at the senior undergraduate level before their application to the graduate program will be considered.

Admission to the PhD Program
Applicants for the PhD program must have a master’s degree in the history of art or a closely related field from a recognized university, and demonstrate that they are capable of undertaking advanced research. (This capability will be judged on the basis of a master’s thesis or other scholarly work, including publications, as well as from letters of reference from qualified referees.)

Deadlines
Complete applications must be received by the Graduate Admissions and Records Office by December 15 in order to be processed in time for the department to make its decisions in spring regarding admissions and nominations for fellowships for the next academic year. Applicants should send a transcript of their fall courses directly to the department as soon as their grades are available for those courses completed in the fall.

Program Requirements
Except for AHVS 501/601 and AHVS 509/609, only a selection of seminars (AHVS 502-580) will be offered in any particular year. Except for AHVS 501/601 and AHVS 509/609, all seminar courses and directed studies may be taken more than once, in different topics.

Master of Arts
The MA in Art History and Visual Studies normally consists of 15 units, including a Research Paper (AHVS 598). In the first eight months (September-April), all students will complete AHVS 501: Colloquium in Theories and Practices; AHVS 509: Workshop in Art Historical Writing, both compulsory for all students, and normally four additional courses. An additional, fifth course will normally be taken in the second year (September-April).

Course Requirements
AHVS 501 (Colloquium in Theories and Practices) ....................................... 1.5
AHVS 509 (Workshop in Art Historical Writing) ........................................... 1.5
5 additional courses (1.5 units each) ........................................................... 7.5
AHVS 598 (Research Paper) ........................................................................ 4.5

Students may take up to 3 units in another department. These courses must be related to the student’s art-historical interests. All courses must be at the graduate level.

Other Requirements
Before graduation, each student will be required to demonstrate a reading knowledge of a language other than English, appropriate to the area of special interest. This requirement will normally be satisfied by completion of 3 units of 200-level or above language or literature courses (excluding those taught in English using translations). Also acceptable are PAAS 111, 131, GMST 405, or 3 units of FRAN 160 and above. For Indigenous languages, a minimum of 4.5 units within a single language is acceptable. A grade point average of at least 4.0 (B+) is necessary. In special circumstances, students may request permission to take a translation examination administered by the department.

Program Length
Master’s degrees are normally completed in two years, doctoral degrees within 4-5 years.

PhD Program
The PhD normally consists of a minimum of 39 units, with a course work component of 6.0 units (4 courses). Those who enter the AHVS department as PhD students coming from other universities must take AHVS 601 and AHVS 609, and 2 additional courses (3.0 units) as part of their required course work. Students holding a Master’s from our department and entering the doctoral program with AHVS 501 and AHVS 509 as credits, will take AHVS 609 and 3 additional courses (4.5 units). The courses should be directly related to the student’s particular areas of art historical interest; in some cases, courses may be taken outside of the department with permission from the supervisor and Graduate Adviser. Students must pass their courses with at least a B+ average.

There is a required 3-unit Candidacy Exam (AHVS 693), which must be passed within 3 years of registration in the program. Registration in AHVS 699, the 30.0 unit Dissertation, is only permitted upon completion of AHVS 693.

Course Requirements
Students accepted into the doctoral program from outside universities will take:

AHVS 601 .......................................................... 1.5
AHVS 609 .......................................................... 1.5
2 additional courses ......................................................... 3.0

Students accepted into the doctoral program from within UVic, with credit for AHVS 501 and AHVS 509, will take:

AHVS 609 .......................................................... 1.5
3 additional courses ......................................................... 4.5

All students will take:

AHVS 693 (Candidacy Exam) ......................................................... 3.0
AHVS699 Dissertation ....................................................................................... 30.0

AHVS 693 must be passed within 3 years of registration in the program. Once students complete their slate of courses, they are required to register in AHVS 693. Readings for the comprehensive examinations will be broader than the course work and will be determined by the student and his/her advisers. A student may repeat comprehensive examinations one time only.

The Candidacy Examination in Art History and Visual Studies consists of three parts:

• The Major Field Examination (referred to as "Comprehensive Exam or Exams"), with two sub-topics being prepared (written)
• The Secondary Field Examination (referred to as "Comprehensive Exam or Exams"), with two sub-topics being prepared (written)
• The Special Topics (dissertation proposal) Examination, in which the student presents the most recent version of their proposed dissertation topic in written form (details below), plus a detailed timeline on how the research will progress, with information on potential research trips, plans to acquire additional training, conference presentations/ plans for research dissemination, and stages of writing, in advance of an oral examination with the dissertation committee (written + oral).

Registration in AHVS699 is only permitted upon completion of AHVS 693.

Other Requirements

PHD candidates will be required to demonstrate a good reading knowledge of at least two languages other than English which are appropriate to their area of study. In addition, they will be required to demonstrate a working knowledge of any additional languages which may be deemed by their supervisory committee to be essential for the successful completion of the dissertation. Substantial fieldwork is expected of all PhD candidates.

Oral Examination

The oral examination for the dissertation may not take place until all language requirements have been satisfied.

Program Length

A student normally should expect to spend at least two years of academic work to obtain a master’s degree and at least 3 years to obtain a PhD. A minimum of 5 full fee installments is required for a Master's degree and 7 full fee installments are required for a PhD. All requirements for a master's degree must be completed within five years (60 months) of the date of first registration. All requirements for a PhD degree must be completed within seven years (84 months) of the date of first registration.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op" (page 46).

Biochemistry and Microbiology

GENERAL INFORMATION

The Department of Biochemistry and Microbiology offers students the opportunity to receive research training in a broad range of life science disciplines at the cellular, sub-cellular and molecular levels. Students have access to the facilities and faculty expertise necessary to allow them to use modern techniques such as genomics, proteomics, bioinformatics, X-ray crystallography, cell culture and microscopy in their research.

Teaching assistantships in the undergraduate laboratory program give graduate students experience in teaching and mentoring. Student seminar programs at the MSc and PhD levels, the grant-style research proposal required for the PhD program and an annual research day give our graduate students the opportunity to acquire and polish their scientific presentation skills.

Further information on our graduate program is available on the departmental website.

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Faculty Members and Areas of Research

Leigh Anderson, PhD (Cambridge)
Human plasma proteomics; protein biomarkers of disease and development of clinical diagnostics; quantitative mass spectrometry methods applicable to peptides; theory of biomarkers.

Juan Ausiá, PhD (Barcelona)
Biophysical and biochemical studies of DNA-protein interactions involved in chromatin assembly and transcription; chromatin remodeling during spermatogenesis and chromatin determinants of Rett syndrome and prostate cancer.

Alisdair Boraston, PhD (British Columbia)
Fundamental aspects of protein-carbohydrate recognition; structures and functions of carbohydrate-binding molecules; roles of carbohydrate-binding proteins in microbial pathogenesis.

Christoph Borchers, PhD (Konstanz)
The application of mass spectrometry, proteomics, photoaffinity labelling and molecular modelling to determine structure-function relationships in proteins.

Martin Boulanger, PhD (British Columbia)
Structural basis of host-pathogen and vector-pathogen interactions; structure-guided design of small molecule therapeutics and vaccines.
Andrew Ross, PhD (British Columbia)

Application of mass spectrometry and associated techniques to marine biogeochemistry and proteomics, including the identification of metal-binding compounds and modified proteins involved in stress, disease, and the biological uptake of essential trace elements.

Christopher Upton, PhD (London)


Peter Watson, MB BChir (Cambridge)

Identification of the molecular genetic alterations underlying the development and progression of breast cancer.

John Webb, PhD (British Columbia)

Various aspects of cellular immunity, particularly (CD4 and CD8) immune responses against peptide epitopes containing the post-translational modification 3-nitrotyrosine and the role these responses play in infection, autoimmunity and cancer. Therapeutic vaccine development for cervical dysplasia and cervical cancer.

**Degrees and Specializations Offered**

The Department of Biochemistry and Microbiology offers courses leading to the degrees of Master of Science and Doctor of Philosophy in Biochemistry or Microbiology.

**Facilities**

- DNA sequencing
- Bioinformatics
- X-ray crystallography
- Monoclonal Antibody Facility
- Flow Cytometry
- Bioinformatics
- RNA processing in stem cells, regulation of Fas6 by miRNA, and rewiring of tyrosine pathway in cancer.

**Financial Support**

$18,000 per annum minimum from a combination of TA-ships, internal and external scholarships and supervisor’s research grants.

**ADMISSION REQUIREMENTS**

**General**

Applicants whose native language is not English should submit results of the TOEFL (Test of English as a Foreign Language) or alternative proof of English competency (See “English Language Proficiency”, page 26) with their application. The departmental minimum score requirement for TOEFL is 100 for internet based. The Department’s Graduate Committee will screen applications that meet the requirements of the Faculty of Graduate Studies. Applicants without sufficient background in biochemistry and/or microbiology may be refused admittance, or may be required to take additional undergraduate courses in these disciplines as part of their graduate degree program. Final entry into the program requires a financial and supervisory commitment from an individual faculty member.

**Admission to the Master’s Program**

Entrance into an MSc program requires, at a minimum, completion of an undergraduate degree with sufficient background for graduate studies in Biochemistry and Microbiology.
Admission to the PhD Program
Entry into the PhD program requires either an MSc in a cognate discipline from a recognized university, or formal transfer from the department’s MSc program. Transfer requires successful completion of all graduate courses and of the candidacy exam (see below).

Deadlines
Though there is no deadline for admission, applications must be complete (receipt of transcripts, letters of reference and TOEFL scores if required) at least a month in advance of the start date (terms start the beginning of September for Fall term, January for Spring, or under special circumstances, May for Summer) in order for the admission decision to be made. Only applications received by February 15 are guaranteed to be considered for University of Victoria Fellowships.

PROGRAM REQUIREMENTS
Thesis-based Master’s
Note: The department does not offer a Project-based Master’s degree.

Course Requirements
In addition to the following requirements, the general regulations governing the granting of advanced degrees, as stated in this calendar, are applicable.

Candidates for the MSc degree are required to successfully complete a minimum of 3 units of graduate level courses, approved by the student’s supervisory committee. Normally students are required to take BCMB 500 as part of this 3 unit requirement. Students may be required to take additional graduate level courses at the discretion of the supervisory committee.

Students must complete BCMB 580. Successful completion of the course requires that students present their own 580 seminar and receive a favourable assessment, and that they attend and participate in seminars given by other graduate students and senior scientists. Further information on the assessment of student performance for the BCMB 580/680 seminars can be found within the graduate handbook located at <www.uvic.ca/science/biochem/graduate>. The BCMB 580 and BCMB 680 seminars must be on the student’s own research. Students must register for BIOC 699 or MICR 699 (thesis).

Other Requirements
Students must be continuously registered full-time in three terms per year in the graduate program. No part-time graduate programs are offered.

Attendance at departmental research seminars, given by scientists inside and outside the University, is mandatory.

Students are normally required to undertake a teaching assistantship, or equivalent duties, within the department for at least three terms over a two-year period.

Thesis
All students must have a supervisory committee consisting of the supervisor and a minimum of two other faculty members, one from the department and one from a related academic discipline.

Students are normally expected to publish the results of their research in refereed scientific journals and/or present them at conferences.

Oral Examination
The final, written thesis will be evaluated by an examining committee including an examiner, external to the department, chosen by the Graduate Committee in consultation with the student’s supervisor. The thesis must be publicly presented and defended in an oral exam.

Program Length
Normally two to three years.

PhD Program
Course Requirements
Candidates for the PhD degree are required to complete successfully a minimum of 3 units of graduate level courses approved by the student’s supervisory committee. Students are normally required to take BCMB 500 as part of this 3 unit requirement. Students who enter with a Master’s degree may be given credit for up to 3 units of previous graduate level work. Additional graduate level courses may be required at the discretion of the supervisory committee.

Students must complete BCMB 580 and BCMB 680, which require that students present their own 580 and 680 seminars and receive favourable assessments, and that they attend and participate in seminars given by other graduate students and senior scientists. Further information on the assessment of student performance for the BCMB 580/680 seminars can be found within the graduate handbook located at <www.uvic.ca/science/biochem/graduate>. The BCMB 580 and BCMB 680 seminars must be on the student’s own research. Students must register for BIOC 699 or MICR 699 (thesis).

Candidacy
Students entering the PhD program with a Master’s degree must complete the candidacy exam within 18 months, while students transferring from the MSc to the PhD program must complete the exam within 24 months. Students must register in BCMB 693 upon provisional transfer to the PhD program and must remain registered until the candidacy requirements are complete.

The candidacy examination is an oral defense of a grant-style proposal written on the student’s research project. Students must pass both the oral and written components.

Other Requirements
Students must be continuously registered full-time in three terms per year in the graduate program. No part-time graduate programs are offered.

Attendance at departmental research seminars, given by scientists inside and outside the University, is mandatory.

Students normally undertake a teaching assistantship within the department.

Dissertation
Students must have a supervisory committee consisting of their supervisor, a minimum of two other faculty members and an external faculty member from a related academic discipline.

Students are expected to publish the results of their research in refereed scientific journals and present them at conferences.

Oral Examination
The final, written thesis will be evaluated by the supervisory committee and an external examiner (from outside the University) chosen by the Graduate Committee in consultation with the supervisor and approved by the Faculty of Graduate Studies. The thesis must be publicly presented and defended in an oral exam.

Program Length
Normally three to five years.

Biology

GENERAL INFORMATION
The Department of Biology has three core research areas in Molecular Biology, Organismal Biology, and Ecology and Evolution. Cross-disciplinary research among these areas occur in five main research areas:
themes: Marine Science, Neurobiology, Biomedical Research and Genomics, Forest Biology, and Environmental Biology.

Additional information can be found on the web at <www.uvic.ca/science/biology/>.

**Contact Information**

Department of Biology  
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University of Victoria  
PO Box 1700, STN CSC  
Victoria, BC V8W 2Y2  
Canada  
Telephone Number: 250-721-7095  
Fax Number: 250-721-7120  
Email: biolgsec@uvic.ca  
Website: <www.uvic.ca/science/biology/>  
Chair: Dr. Barbara Hawkins  
Graduate Adviser: Dr. Steve Perlman  
Graduate Secretary: Michelle Shen  

**Faculty Members and Areas of Research**

**Geraldine A. Allen, PhD (Oregon State)**  
Plant evolution; flowering plant diversity; phylogeny and phylogeography; conservation biology

**Bradley R. Anholt, PhD (Brit Col)**  
Population and community ecology; evolutionary ecology of antipredator defenses; evolution of sex ratio variation

**Gautam B. Awatramani, PhD (SUNY Buffalo)**  
Synaptic physiology, Two-photon imaging, retinal circuitry

**Julia K. Baum, PhD (Dalhousie)**  
Population and community ecology; role of predators, trophic control in the ocean; marine conservation

**Craig E. Brown, PhD (Calgary)**  
Neuroscience, stroke, diabetes, synaptic plasticity, somatosensory cortex, functional brain imaging

**Brian R. Christie, PhD (Otago, New Zealand)**  
Neuroscience; learning and memory processes; neuroanatomy; neurophysiology; synaptic plasticity; animal behaviour; electrophysiology; neurogenesis; developmental disorders (i.e. Fetal Alcohol Syndrome, Fragile X Syndrome); Age related disorders (i.e. Alzheimer’s Disease, Huntington’s Disease)

**Robert L. Chow, PhD (New York)**  
Molecular and developmental genetics of the eye, gene-targeting and transgenic models of ocular disease, retinal circuitry, microRNA regulation

**Francis Y.M. Choy, PhD (North Dakota)**  
Molecular biology, human molecular and biochemical genetics, molecular evolution of the glucocerebrosidase gene among human and non-human primates, and implications in Gaucher disease

**C. Peter Constabel, PhD (Montreal)**  
Plant molecular biology, secondary plant metabolism, plant-insect interactions, chemical ecology
Verena J. Tunnicliffe, PhD (Yale)  
Marine benthic ecology and community structure  
Diana E. Varela, PhD (Brit Col)  
Marine phytoplankton ecology and physiology; nutrient cycling  
Patrick von Aderkas, PhD (Manchester)  
Conifer reproduction

Degrees and Specializations Offered
MSc and PhD in Biology in the areas of ecology and evolutionary biology, physiology, and cell and molecular biology. Specializations include: Biomedical Research and Comparative Genomics, Environmental Biology, Forest Biology, Marine Sciences, Neurobiology.

Facilities
Facilities include a herbarium, greenhouses, an aquatic facility with both fresh and seawater systems, animal care facilities, and an electronic microscope with both scanning and transmission electron microscopes and a confocal microscope. The marine service vessel JOHN STRICKLAND is available for oceanographic work. In addition, individual labs are fully equipped for a variety of molecular, physiological, and environmental research.

Financial Support
All students accepted into the program are guaranteed a minimum stipend made up of a combination of scholarship, fellowship, Teaching Assistantship, and support payments from individual research grants. For this reason, students are accepted into individual laboratories as well as by the department.

All graduate students are financially supported to undertake full-time graduate studies in the Department of Biology. MSc students are guaranteed a minimum of $18,000 p.a. for two years and PhD students $18,000 p.a. for three years. This funding is made up of a variety of sources. (1) National or Provincial awards are available to those with a first-class grade point average (minimum 7.0 but in practice much higher) in the last two years of undergraduate studies. Eligibility criteria vary with agency. Currently national fellowship holders receive an additional award from the university. (2) A limited number of University of Victoria Graduate Fellowships are available to applicants with a GPA over 7.5 (A). (3) There are a limited number of awards specifically for Biology graduate students outlined in the awards section of the Calendar. Application and/or nomination for the University of Victoria awards and fellowships may only be done once the student has been admitted to the department. (4) Students can also obtain some financial support for their studies as a Graduate Teaching Assistant. These appointments are made by the Department of Biology for qualified students to work up to 2/5 time as a laboratory instructor. Normally students are also appointed as a research assistant by their faculty supervisor to meet the minimum level of support guaranteed by the department. Funding is still available in additional years of the program but the minimum is no longer enforced.

Admission Requirements
General
Initial inquiries should be made to individual faculty or the Graduate Adviser, Department of Biology. Links to the application forms can be found on the departmental website.

Applicants whose native language is not English must write the TOEFL (Test of English as a Foreign Language) and submit the scores to the Graduate Admissions and Records Office together with their application forms (“English Language Proficiency”, page 26). Even with passing TOEFL scores, students may be required to take English language courses as well as their other course work.

All MSc and PhD candidates admitted to the Department of Biology are expected to have or to make up a background knowledge of basic biology of at least equivalent to that of a BSc student graduating from this department.

Applications from students with a first class academic record will be considered for recommendation at any time. Applicants with a GPA of less than 6.5 (B+/A-) or its equivalent in their last two years of work will not normally be recommended for admission by the Department of Biology.

In addition to the documentation required by the Faculty of Graduate Studies (See “Faculty Admissions”, page 25), the Department of Biology also requires a Letter of Intent outlining the applicant’s research interest and relevant experience.

Admission to the MSc Program
Admission requires a bachelor’s degree, preferably in Biology or Biochemistry, with a minimum overall average of 6.5 on the University of Victoria 9-point scale.

Admission to the PhD Program
Admission to the PhD program will normally require an MSc in Biology or Biochemistry, with a GPA of A- or 7.0 on the University of Victoria 9-point scale.

Deadlines
Students wishing to be considered for a University of Victoria Fellowship must submit their complete application by February 15 for admission in September of the same calendar year. Admission is possible for May 1, September 1, or January 1, but complete applications must arrive three months before the expected entry date into the program for Canadian applications. Because of visa requirements international students should complete the application process at least six months in advance.

Program Requirements
Students entering with a BSc and intending to take a PhD program will initially be registered in a MSc program. They may be transferred to a PhD program at the end of their first year, on the recommendation of their supervisory committee and the Department of Biology and approval by the Dean of Graduate Studies.

MSc - Thesis Option
The MSc is a full-time research degree with thesis and with some additional required course work.

Course Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 560</td>
<td>seminar</td>
<td>1.0</td>
</tr>
<tr>
<td>Coursework</td>
<td></td>
<td>3.0</td>
</tr>
<tr>
<td>Thesis (BIOL 599)</td>
<td></td>
<td>12.0</td>
</tr>
</tbody>
</table>

All students are to register in BIOL 560. Students should consult the department concerning which courses will be offered in any given year. Admission to any graduate courses requires permission of the instructor.

Students must consult with their supervisor and supervisory committee on the required course work. Graduate students may be asked to complete senior undergraduate courses with additional advanced assignments for part of the course requirements.

Forest Biology Courses
Graduate students in Forest Biology must register in FORB 560 (1.5 units) in addition to BIOL 560.

Thesis
The topic and scope of the thesis research is agreed by the supervisory committee. The written thesis must meet the formatting standards of the university and the research standards of the wider scientific community.
Oral Examination
The thesis must be defended in an oral examination in front of the supervisory committee and an external examiner from outside the candidate’s home department to ensure that the research and the thesis meet the required standard.

Program Length
The MSc is primarily a program of full-time independent research. Students can expect to take a minimum of two years to complete the program.

PhD Program
The PhD program is a full-time program of independent and original research culminating in a dissertation which is defended in an oral examination. Students must complete a candidacy examination in their general research area within 2 years of entering the program, and some additional required coursework.

Course Requirements
All PhD students must register in BIOL 560 and BIOL 693. Students should consult the department for other courses that will be offered in any given year. Admission to any graduate course requires permission of the instructor.

Students must consult with their supervisor and supervisory committee on the required course work. Graduate students may be asked to complete senior undergraduate courses with additional advanced assignments for part of the course requirements.

PhD students must complete 4.5 units (three one-term courses) plus BIOL 560 and BIOL 693 during the course of their PhD.

Comprehensive Exams
The comprehensive requirement must be satisfied within two years of registration in the doctoral program (see "Program Requirements - Doctoral Degrees", page 36).

Candidacy
The candidacy examination requires a candidacy paper on a topic agreed with the supervisory committee. If the paper is acceptable to the committee, the oral examination can proceed. Topics for the oral examination are based in part on the paper and other areas agreed by the committee at the time of setting the topic of the candidacy paper.

The candidacy examination must be held within 21 months of a student entering the PhD program. Students transferring from the MSc to the PhD program must complete the exam within 18 months from their entry into the PhD.

Students enroll in BIOL 693 (PhD Candidacy Examination) upon registering in the PhD program (or upon switching to the PhD program from the MSc program) and remain enrolled until all candidacy requirements are complete.

Other Requirements
All PhD students must give a departmental seminar on their research prior to completing the program.

Dissertation
The topic and scope of the dissertation research is agreed by the supervisory committee. The written dissertation must conform to the standards of the university and the research standards of the wider scientific community.

Oral Examination
The dissertation must be defended in an oral examination in front of the supervisory committee and an external examiner from outside the university to ensure that the research and the dissertation meets the required standards.

Program Length
The PhD is a full-time research degree that normally takes four years to complete.

Specialization in Forest Biology
Graduate courses in Forest Biology (FORB) are offered. Graduate students in Forest Biology must register in FORB 560 in addition to BIOL 560.

Co-operative Education
Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Biology Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Business
GENERAL INFORMATION
The Sardul S. Gill Graduate School, part of the Peter B. Gustavson School of Business, provides a dynamic and unique learning environment that develops principled managers and leaders who can drive innovation and social change. The faculty delivers innovative graduate programs that are designed to cross functional areas and provide an international perspective. The Gill Graduate School of Business specializes in Entrepreneurship, Service Management, and International Business and offers a variety of programs at the graduate certificate, graduate diploma, master, and PhD levels.

The MBA Program is designed to prepare students for business success in the global business environment. Students learn to think critically, use leading edge business knowledge and build a professional business network. Our commitment to sustainability and international business underpins our program.

The Master of Global Business (MGB) is a sixteen-month graduate degree that can be completed within twelve months, designed specifically for the student who holds an undergraduate degree in Business Administration or Commerce and wishes to specialize in International Business.

The MGB program is primarily located at the University of Victoria campus in Victoria, BC. Program components are also delivered by Gill Graduate School of Business faculty at partner institutions in Asia, Europe, South America, sub-Saharan Africa, and the Middle East and North Africa (MENA) region. Students are normally expected to complete the program within one year (September to August, or January to December). The program aims to provide the opportunity for British Columbian and other BCom graduates to specialize in international business at a graduate level, to offer a rigorous learning experience combined with cultural experience and training that is richer than any other offered in Canada; and to build on and use the considerable international expertise and contacts within the school.

The Graduate Certificate in Entrepreneurship (GCE) and Graduate Diploma in Entrepreneurship (GDE) programs are designed to help learners develop an entrepreneurial mindset and master the concepts involved in identifying and realizing opportunities to create new value, either through new venture creation or new product development.

The GCE and GDE programs will appeal to: 1) recent graduates who have an innovative new product concept or would like to work on one; 2) working professionals who are seeking to start a new venture or create new value within an existing organization; or 3) professionals who
support and provide services to entrepreneurs and seek to better understand the process of entrepreneurship and the needs of entrepreneurs.

The PhD in International Management & Organization is a challenging and stimulating program designed to develop an individual’s competence in research as well as in teaching to prepare candidates for a productive academic career. The program places an emphasis on international business; it offers opportunities for international fellowships and pragmatic internships to apply and observe concepts of study. Candidates are trained in management theory and methodology to create insights that are publishable in the world’s top academic management journals.

Gill Graduate School faculty are recognized worldwide for their research and teaching excellence.

Additional information can be found at <www.uvic.ca/gustavson/gill>.

Contact Information

Sardul S. Gill Graduate School of Business
Location: Business and Economics Building, Room 289
Mailing Address:
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3800 Finnerty Road
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Canada

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Canada

MBA Phone: 250-721-6058
MBA Fax Number: 250-472-4439
MBA Email: mba@uvic.ca
MBA Website: <www.uvic.ca/gustavson/gill/mba>

MGB Phone: 250-853-3746
MGB Fax Number: 250-472-4439
MGB Email: gillasst@uvic.ca
MGB Website: <www.uvic.ca/gustavson/gill/mgb>

PhD Program Manager: Wendy Mah
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PhD Email: busiphd@uvic.ca
PhD Website: <www.uvic.ca/gustavson/gill/phd>

MBA Director: Dr. David Dunne
Email: dldunne@uvic.ca
Phone: 250-721-6058

MBA Associate Director: Ian Robertson
Email: mbadira@uvic.ca
Phone: 250-721-6403

MBA Graduate Secretary: Catrina Jones
Email: mbasec@uvic.ca
Phone: 250-721-6058

MGB Director: Dr. Ignace Ng
Email: ing@uvic.ca
Phone: 250-721-6073

MGB Associate Director: John Oldale
Email: joldale@uvic.ca
Phone: 250-721-6433

MGB Graduate Secretary: Naoko Iida
Email: gillasst@uvic.ca

Additional information can be found at <www.uvic.ca/gustavson/gill>.

Faculty Members and Areas of Research

Saul Klein, PhD (University of Toronto)
International business, marketing

Jen Baggs, PhD (University of British Columbia)
International business, finance

Mary Yoko Brannen, PhD (University of Massachusetts)
International business

Graham Brown, PhD (University of British Columbia)
Entrepreneurship

Raveendra Chittoor, PhD (Indian Institute of Management)
Strategic management

Mark Colgate, PhD (University of Ulster)
Marketing, service management

Vivien Corwin, PhD (University of British Columbia)
Service management, organizational behavior, human resources management

Rick Cotton, PhD (Boston College)
Organization Studies

Uzay Damali, PhD (Clemson University)
Service operations management

Wade Danis, PhD (Indiana University)
International business, strategy

Angela Downey, PhD (University of Western Ontario), CMA (Certified Management Accountant)
Accounting, health promotion

David Dunne, PhD (University of Toronto)
Marketing

A. R. Elangovan, PhD (University of Toronto)
Organizational behavior

Sara Elias, PhD (University of Missouri)
Entrepreneurship

Stacey Fitzsimmons, PhD (Simon Fraser University)
International Business

Carmen Galang, PhD (University of Illinois)
Human resource management, international business

Dale Ganley, PhD (University of California)
Information technology

Huachao Gao, PhD (University of Texas)
International marketing

Christopher Graham, MBA (University of Western Ontario), CGA (Certified General Accountant)
Accounting, finance

Rebecca Grant, PhD (University of Western Ontario)
Information systems management, e-commerce
Adel Guitouni, PhD (Laval University)  
Management science

Ralph Huenemann, PhD (Harvard University)  
International business, Asian business development, China, international trade

Margaret Klatt, MBA (Wilfrid Laurier University), CMA (Certified Management Accountant)  
Accounting, finance

John Kyle, PhD (University of South Hampton)  
Leadership, organizational behavior

Brian Leacock, MBA (University of Victoria)  
Organizational behavior, cross-cultural management

Zhi Lu, PhD (Pennsylvania State University)  
Marketing

Brent Mainprize, PhD (Swinburne University of Technology)  
Entrepreneurship, finance

Basma Majerbi, PhD (McGill University)  
International business, international finance

Mia Maki, MBA (University of Victoria), CMA (Certified Management Accountant)  
Entrepreneurship, finance, accounting

David McCutcheon, PhD (University of Western Ontario)  
Operations management

Matthew Murphy, PhD (Ramon Llull University)  
Business strategy, sustainability

Sudhir Nair, PhD (University of Massachusetts)  
International business, strategy

Sanghoon Nam, PhD (University of Oregon)  
Organizational behaviour, international business

Ignace Ng, PhD (Simon Fraser University)  
Human resource management, international business

Heather Ranson, MBA (University of Guelph)  
Service management, marketing

Sorin Rizeanu, PhD (University of South Carolina)  
International finance, international business

Yan Shen, PhD (Boston University)  
International business, cross-cultural management

Linda Shi, PhD (University of Michigan)  
Marketing, international business

J. Brock Smith, PhD (University of Western Ontario)  
Marketing, entrepreneurship, small business management

Stuart Snaith, PhD (University of Essex)  
International finance

Ray Suddaby, PhD (University of Alberta)  
Organizational theory, strategy

Stephen S. Tax, PhD (Arizona State University)  
Service management

Ken Thornicroft, PhD (Case Western Reserve University)  
Employment law

Liana Victorino, PhD (University of Utah)  
Service operations management

Monika Winn, PhD (University of California)  
Sustainability, business strategy

Hao Zhang, PhD (Concordia University)  
International finance, investments

Jie Zhang, DBA (Boston University)  
Operations management, information technology

Degrees and Specializations Offered

The Sardul S. Gill Graduate School of Business offers graduate programs leading to the degrees of Master of Business Administration (MBA), Master of Global Business (MGB) and Doctor of Philosophy (PhD) in International Management & Organization. Each graduate program offers a unique learning environment for success.

MBA Degree

The Gill Graduate School of Business offers MBA Daytime, Weekend, International Executive programs of study, plus a Modular Option by special arrangement. This multidisciplinary program is designed to provide practicing or potential business professionals and managers with the analytical expertise and practical knowledge to distinguish themselves in the business sector. Students will gain a comprehensive understanding of the functional business disciplines underpinned by an in-depth understanding of international business and sustainability.

MGB Degree

The Master of Global Business Program has been designed as a rigorous program combining the fundamentals of international business and the experience of learning, living and working in the global environment. Learning outcomes have been carefully determined and by program finish, students are expected to possess: a “global mindset” that facilitates decision making and increases effectiveness in leading change in international contexts; an ability to deal with the challenges of international business; an understanding of the comparative socio-economic environments of North America, Asia, South America, Europe, sub-Saharan Africa, and the Middle East and North Africa (MENA) region; a high level of cultural awareness and empathy; and foreign language proficiency.

Graduate Certificate and Diploma

The Graduate Certificate in Entrepreneurship (GCE) program focuses on the key theories, concepts, thinking and behaviours needed to be a successful entrepreneur. Delivered at the University of Victoria, the 6.0 credit certificate will help students work through the entrepreneurial process from idea generation to start-up planning. On completion of the certificate, learners will have written a viable business plan, will possess a better understanding of their own willingness to venture and will master key skills needed to be successful in their venture.

The Graduate Diploma in Entrepreneurship (GDE) builds on this classroom learning by providing an additional 3.0 unit directed entrepreneurial practicum and expertise development seminar, where learners implement their business concept (or help grow an existing organization) and develop venture specific expertise via directed study. On completion of the diploma, learners will have gained experience, additional skills and knowledge needed to be successful in their venture.

PhD Degree

The Doctor of Philosophy (PhD) Program in International Management & Organization emphasizes International Business, but allows room for significant content specific course work to enable students to attain a minor in the traditional business domains (i.e. Strategy or Organizational Theory, etc.) of particular interest to students and supervisors.

Facilities

The Sardul S. Gill Graduate School is located in the Business and Economics (BEC) Building which is the hub of the Gustavson School of Business’ activity. Its main and lower floors house the student services offices, faculty offices and the Business Co-op and Career center. For MBA students, BEC houses exclusive facilities, such as a bistro-style lounge, wireless computer lab and business boardrooms. The MBA classroom features state-of-the-art technology complete with wireless access. MGB students will have dedicated study space available to them during their
GRADUATE PROGRAMS

Financial Support

Entrance Scholarships

All accepted students are automatically considered for any scholarships awarded through the Gill Graduate School of Business.

MBA Scholarships are awarded to selected incoming students based on work experience and prior academic performance. The awards range from $1,000 to $9,000.

MGB Scholarships will be made available to incoming students also based on their prior academic performance. The awards range from $5,000 to $10,000.

For PhD students, entrance scholarships are available from the Gill Graduate School and the Faculty of Graduate Studies. Amounts vary. The Faculty of Graduate Studies provides a list of available awards and necessary applications online at <web.uvic.ca/gradstudies/fund> and through their office in the University Centre.

Research and Teaching Assistants

Some professors hire graduate students as research, teaching and marking assistants. Students can apply for these positions once they are admitted to their program. PhD students should coordinate with the PhD Program Office.

Scholarships

All students are eligible to apply for UVic Graduate Studies fellowships and scholarships. Eligible PhD students are also strongly encouraged to apply for grants through national granting agencies such as Canada’s Social Sciences and Humanities Research Council at <www.sshrc.ca>.

Student Loans

Other financial assistance is available in the form of national and provincial student loans, for those who qualify. For more information, please phone the UVic Student Financial Aid Office: 250-721-8423; fax: 250-721-8757.

Bursaries

Bursaries are non-repayable monetary awards based on financial need and reasonable academic standing. Students can apply for these through the Student Awards and Financial Aid Office at <www.uvic.ca/registrar/safa>.

Awards

MBA students are eligible for awards that range in value from $500 to $1,500. The awards include: International Integrated Management Exercise Travel Award, Leadership/Citizenship Awards, Best Consulting Paper, Specialization awards and Highest Foundation GPA Award.

Dean’s Honour Roll Criteria

MBA and MGB students must have a graduating GPA in the top 10% of their class to be considered for the Dean’s Honour Roll.

ADMISSION REQUIREMENTS

Daytime and Weekend MBA Programs

Applications are welcome from any person who has received a baccalaureate degree from a recognized Canadian university, or foreign equivalent, with an academic standing acceptable to the Gill Graduate School of Business and the Faculty of Graduate Studies (See “Admission to Regular Master’s Degree Programs”, page 31). The program does not require any academic background in business or economics. Work experience in any professional or managerial capacity is considered a major asset. Normally, successful applicants to the Daytime MBA program will have three or more years’ full-time professional work experience following their undergraduate degree and those to the Weekend MBA program will have six or more years’ full-time professional work experience following their undergraduate degree, with two or more years in a managerial role. Applicants must also submit a valid Graduate Management Admission Test (GMAT) score, two letters of reference, a current résumé and additional documentation outlined on the admissions website. In situations where an applicant is unable to provide a GMAT score, a valid Graduate Record Examinations (GRE) score will be accepted in its place. Under exceptional circumstances, requests for GMAT/GRE waivers for admission to the Weekend MBA program may be considered at the discretion of the MBA Program and only if the applicant can provide sufficient other evidence of academic ability. Applicants are advised that enrolment in this program is limited and admission is competitive.

Modular MBA Option

The program may be offered in a modular format for delivery to cohorts by special arrangement through an educational services contract. The program may be composed of different courses to provide the appropriate content emphasis. For applicants under such a modular option only, the same admission requirements as the Daytime and Evening programs apply but the GMAT score requirement may be waived.

International Executive MBA Program

This program is currently under review. At time of going to press, no date had been set for the next admission to this program.

MBA and MGB Application Deadlines

The deadline for submitting an application is May 31 for both Daytime and Weekend MBA and May 31 for the MGB September entry point, and September 30 for the MGB January entry point. Applications after that date will be considered subject to program space. International applicants are encouraged to have their application completed at least on month earlier than the above dates in order to obtain the necessary visas.

GCE and GDE Programs

Applicants for the Graduate Certificate and Diploma in Entrepreneurship must satisfy all regular admission requirements of the Faculty of Graduate Studies. Students must have an undergraduate degree or equivalent. Applications will be adjudicated by the Gill Graduate School Entrepreneurship Certificate/Diploma Admission Team and entry will be based on:

- Undergraduate degree or graduate degree transcripts,
- A résumé, and
- A letter of application describing how the student expects to benefit from and contribute to this specialized entrepreneurship training.

As an option, a student who completes the Certificate or Diploma could apply the courses toward completing the Gill Graduate School MBA program (the student will need to meet the MBA admission requirements). In this laddering option, a student would complete the core MBA courses and other required elements of the MBA program. Six units of certificate courses and nine units of diploma courses would then be applied as electives towards the completion of the MBA program (maximum of 6 units). This arrangement will be decided by the MBA program on a case-by-case basis.

Deadlines

Applications are accepted on a continual basis, but must be submitted two months prior to program start (Feb 28th for May-July programs).
PhD Program

PhD students are admitted every other year in September by the PhD Program Committee. Admission normally requires completion of a master’s degree (or equivalent) from an accredited and recognized institution. In general, applicants to the program will be expected to have a Master’s of Business Administration or another master’s-level degree (e.g., in Economics or Sociology) and as well as some experience working within an organization.

As per Graduate Studies regulations, successful applicants who enter the program without a Master’s-level program completed will be required to complete 45 units beyond the Bachelor’s level to satisfy completion of a PhD Program.

Assessment of candidates is based on their education, work and life experiences, personal statement, references, and GMAT or GRE scores.

PhD Application Process

In addition to the documentation and fees required by the Faculty of Graduate Studies, applicants need to submit additional information to apply to the PhD program at the Gill Graduate School. Please visit the website at <www.uvic.ca/gustavson/gill/phd> for more details. Admission questions and inquiries can be directed to the PhD Program Office at busiphd@uvic.ca.

PhD Application Deadlines

Please apply to the PhD program and submit all documents by January 30 to be considered for University of Victoria Graduate Fellowships.

PROGRAM REQUIREMENTS

Daytime MBA Program

The Daytime MBA Program consists of 30 units and may include one or two Co-op work terms. Students entering the program with less than three years of full-time, professional work experience are required to complete one four-month Co-op work term.

The Daytime program is generally completed in 17 to 21 months. Students, with the exception of those in double degree streams or on international academic exchange, participate in an international project. The project takes place in another country or countries over a two-week period. There are additional fees associated with the project and with other travel required as part of the program. Please see <www.uvic.ca/gustavson/gill/mba/tuition> for additional information.

The regular degree program consists of 30 units. Individual programs of study may differ, but in no case will the MBA degree be awarded on the basis of fewer than 21 units.

Foundation Courses

MBA 510 (1.5) Marketing Management
MBA 515 (1.0) Applied Managerial Economics
MBA 520 (1.5) Financial and Managerial Accounting
MBA 530 (1.5) Managerial Finance
MBA 535 (1.5) Operations Management
MBA 540 (1.0) Applied Data Analysis and Decision Analysis
MBA 544 (1.0) Information Technology in the Organization
MBA 550 (1.5) Strategic Analysis and Action
MBA 553 (1.5) Managing People and Organizations I
MBA 555 (1.0) Managing People and Organizations II
MBA 560 (0.5) Managing Legal Risks

Context Courses

MBA 514 (1.0) Business and Sustainability
MBA 570 (1.0) International Business Environment I
MBA 576 (1.0) International Business Environment II
Specialization (4.5) Choice of Service Management or Entrepreneurship (see additional information below)

Integration Courses

MBA 500 (3.0) Essentials of Business and Leadership (EBL)
MBA 501 (0) Applied Projects
MBA 502 (0) Personal and Professional Development
MBA 546 (1.0) Innovation and Design
MBA 552 (1.0) Collaboration in Organizations
MBA 585 (0.5) Consulting Methods I
MBA 586 (0.5) Consulting Methods II
MBA 596 or 598 (3.0) Integrative Project or Research Project (See additional information below)

Specializations and Electives

Students choose one of two specializations, either Service Management or Entrepreneurship. Each specialization consists of three co-requisite courses taken during the same academic term. In exceptional cases, or for students participating in an international academic exchange, 4.5 units of graduate level electives may be selected, or a combination of 300? or 400? level undergraduate electives (to a maximum of 3.0 units of 300? or 400? level electives) with permission from the MBA Program Director prior to enrolling in these courses.

Specialization courses and electives are offered subject to enrolment and the availability of faculty.

Service Management

MBA 511 (1.5) Customer Experience Management
MBA 512 (1.5) Quality Management and Service Operations
MBA 513 (1.5) Issues in Service Technology and HR Management

Entrepreneurship

MBA 561 (1.5) Entrepreneurial Planning and Finance
MBA 562 (1.5) New Venture Marketing
MBA 563 (1.5) Entrepreneurial Strategy

Electives

MBA 588 (1.0-7.5) Study Abroad
MBA 590 (1.0-3.0) Directed Study
MBA 595 (0.5-5.0) Special Topics in Business Administration

Major Project Requirement

Students choose one of two project options: Integrative Project or Research Project. Students choosing to do the Research Project will be required to take an appropriate Research Methods course of 1.5 units. Students should consult with their academic supervisor to identify a suitable course.

MBA 596 (3.0) Integrative Project
MBA 598 (3.0) Research Project

Weekend MBA Program

The Weekend MBA Program consists of 22 units.

The Weekend program is generally completed in 24 months. All students participate in an international project. The project takes place in another country or countries over a one-week period. There are additional fees associated with the project and with other travel required as part of the

MBA 500 (3.0) Essentials of Business and Leadership (EBL)
MBA 501 (0) Applied Projects
MBA 502 (0) Personal and Professional Development
MBA 546 (1.0) Innovation and Design
MBA 552 (1.0) Collaboration in Organizations
MBA 585 (0.5) Consulting Methods I
MBA 586 (0.5) Consulting Methods II
MBA 596 or 598 (3.0) Integrative Project or Research Project (See additional information below)

Specializations and Electives

Students choose one of two specializations, either Service Management or Entrepreneurship. Each specialization consists of three co-requisite courses taken during the same academic term. In exceptional cases, or for students participating in an international academic exchange, 4.5 units of graduate level electives may be selected, or a combination of 300? or 400? level undergraduate electives (to a maximum of 3.0 units of 300? or 400? level electives) with permission from the MBA Program Director prior to enrolling in these courses.

Specialization courses and electives are offered subject to enrolment and the availability of faculty.

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MBA 512 (1.5) Quality Management and Service Operations
MBA 513 (1.5) Issues in Service Technology and HR Management

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MBA 562 (1.5) New Venture Marketing
MBA 563 (1.5) Entrepreneurial Strategy

Electives

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MBA 590 (1.0-3.0) Directed Study
MBA 595 (0.5-5.0) Special Topics in Business Administration

Major Project Requirement

Students choose one of two project options: Integrative Project or Research Project. Students choosing to do the Research Project will be required to take an appropriate Research Methods course of 1.5 units. Students should consult with their academic supervisor to identify a suitable course.

MBA 596 (3.0) Integrative Project
MBA 598 (3.0) Research Project

Weekend MBA Program

The Weekend MBA Program consists of 22 units.

The Weekend program is generally completed in 24 months. All students participate in an international project. The project takes place in another country or countries over a one-week period. There are additional fees associated with the project and with other travel required as part of the
program. Please see <www.uvic.ca/gustavson/gill/mba/tuition> for additional information.

The regular degree program consists of 22 units. Individual programs of study may differ, but in no case will the MBA degree be awarded on the basis of fewer than 21.0 units.

Foundation Courses
MBA 510 (1.0) Marketing Management
MBA 515 (0.5) Applied Managerial Economics
MBA 520 (1.0) Financial and Managerial Accounting
MBA 530 (1.0) Managerial Finance
MBA 535 (1.0) Operations Management
MBA 540 (1.0) Applied Data Analysis and Decision Analysis
MBA 544 (1.0) Information Technology in the Organization
MBA 550 (1.0) Strategic Analysis and Action
MBA 553 (1.0) Managing People and Organizations I
MBA 555 (1.0) Managing People and Organizations II
MBA 560 (0.5) Managing Legal Risks

Context Courses
MBA 514 (1.0) Business and Sustainability
MBA 570 (0.5) International Business Environment I
MBA 576 (0.5) International Business Environment II
Electives (2.0) See additional information below

Integration Courses
MBA 500 (2.0) Essentials of Business and Leadership (EBL)
MBA 501 (0) Applied Projects
MBA 502 (0) Personal and Professional Development
MBA 546 (1.0) Innovation and Design
MBA 552 (1.0) Collaboration in Organizations
MBA 585 (0.5) Consulting Methods I
MBA 586 (0.5) Consulting Methods II
MBA 596 or 598 (3.0) Integrative Project or Research Project (See additional information below)

Electives
Students have an elective requirement of 2 units of coursework. Students can choose to do the two courses offered as an elective bundle within the program: Managing in the Service Economy and Entrepreneurship. Alternately, students may elect to take 2 units of graduate level electives offered through other departments or a combination of 300- or 400- level undergraduate electives (to a maximum of 1.5 units of 300- or 400- level electives) with permission from the MBA Program Director prior to enrolling in these courses.

Electives are offered subject to enrolment and the availability of faculty.

MBA 509 (1.0) Managing in the Service Economy
MBA 564 (1.0) Entrepreneurship
MBA 590 (1.0-3.0) Directed Study
MBA 595 (0.5-5.0) Special Topics in Business Administration

MBA 596 (3.0) Integrative Project
MBA 598 (3.0) Research Project

Performance Requirement
All MBA students are subject to the performance standards set by the Faculty of Graduate Studies. (See "Academic Performance", page 50.)

MBA+JD Double Degree Program Requirements
A limited number of students (up to a maximum of five) who are accepted in both the Gill Graduate School of Business Daytime MBA program and the Faculty of Law JD program may take both degrees concurrently with modified requirements for each. The double degree may be completed in four years instead of the usual five years required to obtain both degrees separately. The MBA program for double degree students consists of 24 units. Individual programs of study may differ, but in no case will the MBA degree be awarded on the basis of fewer than 21 units. The Law requirements for the double degrees are described in UVic's Undergraduate Calendar.

After completing their first year Law curriculum, students will start the MBA portion of the program, which includes the following:

Course Requirement
Students complete all MBA coursework excluding the Specialization and MBA 560. Students will also normally be waived from MBA 576 and the international project component of MBA 501.

Project Requirement
Students choose one of two project options: Research Project or Integrative Project. Students chose to do the Research Project will be required to take an appropriate Research Methods course of 1.5 units. Students should consult with their academic supervisor to identify a suitable course.

MBA 596 (3.0) Integrative Project
MBA 598 (3.0) Research Project

Students requiring a mandatory Co-op, will normally complete their work term in Year Three or Four of the double degree.

Further information on the program may be obtained from either the Gill Graduate School or the Faculty of Law.

Students enrolled in the JD+MBA double degree program must submit two formal applications for graduation when registering in their final Summer or Winter session. Graduation application forms are available on "My Page". Application deadlines are July 15 for the October graduation (November convocation) and December 15 for the May graduation (June convocation).

Program Length
Minimum four years.

MBA+MEng Double-Degree Program
A limited number of students (up to a maximum of five) who are accepted in both the Daytime MBA program and the Masters of Engineering (project-based option) program in either of the Departments of Mechanical or Electrical and Computer Engineering may take both degrees concurrently with modified requirements for each. Both degrees may be completed within 25 months. The MBA program for
double degree students consists of 24.5 units. Individual programs of study may differ, but in no case will the MBA degree be awarded on the basis of fewer than 21 units.

Double-degree students complete all MBA course work excluding the Specialization in the first three terms of their program. Students will also normally be waived from MBA 576 and the international project component of MBA 501. Normally, students will then transfer to the Department of Computer Science to complete MEng course work and Graduate Seminar requirements. The major project requirement for both programs will be satisfied with the successful completion of a single project, MBME 598, jointly supervised by the Faculty of Business and either the Department of Mechanical or Electrical and Computer Engineering. Completion of all required Engineering course work will also be credited as fulfillment of the MBA specialization module requirements.

Students entering with less than three years of full-time work experience will complete a Co-op work term as a requirement of the MBA program.

MBA+MSc in Computer Science Double-Degree Program

A limited number of students (up to a maximum of five) who are accepted in both the Daytime MBA program and the Master’s of Science (project-based option) program in the Department of Computer Science may take both degrees concurrently with modified requirements for each. Both degrees may be completed within 29 months. The MBA program for double degree students consists of 24.5 units. Individual programs of study may differ, but in no case will the MBA degree be awarded on the basis of fewer than 21 units.

Double-degree students complete all MBA course work excluding the Specialization in the first three terms of their program. Students will also normally be waived from MBA 576 and the international project component of MBA 501. Normally, students will then transfer to the Department of Computer Science to complete MSc course work requirements, consisting of CSC 595 and 7.5 units of other courses. The major project requirement for both programs will be satisfied with the successful completion of a single project, MBMS 598, jointly supervised by the Faculty of Business and the Department of Computer Science. Completion of all required Computer Science course work will also be credited as fulfillment of the MBA specialization module requirements.

Students entering with less than three years of full-time work experience will complete a Co-op work term as a requirement of the MBA program.

EDHEC Options

EDHEC is one of the world’s top-ranked business schools. Located in France, it has two main campuses in Lille and Nice that offer, among other programs, a wide array of specialized Masters programs in Business and Finance. For more information about EDHEC, visit www.edhec.edu.

Double Degree Option – EDHEC Master of International Management (MIM) + UVic Master of Global Business (MGB)

Qualified EDHEC Master of International Management students who have completed their MIM Level 1 requirements may apply to the Gill Graduate School’s MGB program. Credits earned in completing the MGB program can be transferred to EDHEC to satisfy the remaining MIM requirements, allowing students to earn both degrees within two years. Students will be granted their degrees from each institution independently upon successfully completing the requirements for the particular degree program.

Applicants must submit a formal application form after successful completion of the Master of Management (MIM) Level 1 at EDHEC with an overall GPA of 13 out of 20 on the EDHEC scale. Coursework must be completed within five years of starting the first degree.

For program details and more information about fees, the application process, and application deadlines for the EDHEC options, please contact the Gill Graduate School Program office.

MGB Program

The MGB Program consists of four modules including an international research and consulting project and a global internship. The program is normally completed in 12 months. The regular degree program consists of 17.5 units plus 3.0 units of required introductory language training.

Coursework

MGB students are required to take 20.5 units of coursework, as listed below.

a) Global Business Fundamentals Module (4.0 units)

MGB 510 (1.0) The North American Business Context
MGB 512 (1.0) International Financial Management
MGB 516 (1.0) International Marketing and Global Strategy
MGB 519 (1.0) International Logistics and Supply Chain Management

b) Global Business Opportunities Module (4.5 units)

MGB 525 (1.5) Developing Business in International Entrepreneurial Environments
Two* of (for a total of 3 units):
MGB 520 (1.5) Industry Analysis and the Asian Business Context
MGB 530 (1.5) The European Business Context
MGB 540 (1.5) The South American Business Context
MGB 550 (1.5) The Middle East and North Africa (MENA) Business Context
MGB 560 (1.5) The Sub-Saharan African Business Context
GRADUATE PROGRAMS

1. Coursework
PhD students are required to take 19.5 units of coursework in research methods and foundation courses during their first two years in the program.

a) Theoretical and Empirical Foundation topics (15 units)
   - BUS 601 – Research Foundations (1.5 units)
   - BUS 603 – Strategy (1.5 units)
   - BUS 604 – Business and Sustainability (1.5 units)
   - BUS 605 – Comparative HR Management (1.5 units)
   - BUS 606 – Micro Organizational Behaviour (1.5 units)
   - BUS 607 – Macro Organizational Theory (1.5 units)
   - BUS 655 – Global Management & Society I (1.5 units)
   - BUS 656 – Global Management & Society II (1.5 units)
   - BUS 670 – Academic Career Development (3.0 units)

b) Research Theory and Methods (4.5 units)
   - BUS 640 – Research Methods Fundamentals (1.5 units)
   - BUS 641 – Mixed Methods Research Design (1.5 units)
   - One other course (1.5 units) to be approved by the PhD Program Director, in consultation with the student’s supervisor. A list of eligible courses may be obtained from the PhD Program Office.

2. Comprehensive Candidacy Examination
Normally within two years after commencing PhD studies, students will be required to undertake written candidacy examinations that assess a mastery of the theories and methods prevalent in the field and awareness of the emerging directions in international management and organization. The candidacy examinations will be set and assessed by the PhD Examination Committee, appointed by the PhD Program Director.

3. Dissertation Proposal and Presentation
Students will normally be expected to develop a dissertation proposal within six months of passing candidacy exams, and must defend the dissertation proposal within three years of entering the program. The student will find a dissertation supervisor as per Faculty of Graduate Studies guidelines on Supervisor Relationship Policy. The student, in consultation with the supervisor, will assemble two other faculty members (usually from the Gill Graduate School of Business) to form a Dissertation Proposal Committee who will assess the oral and written presentation of the dissertation proposal.

4. Dissertation/Oral Examination
Once the Dissertation Proposal Committee is satisfied that the dissertation proposal meets the standards of the Faculty of Graduate Studies and of the Gill Graduate School of Business, candidates will begin their dissertation research.

Once the dissertation is nearly ready to be defended, the candidate’s dissertation supervisor will assemble a Dissertation Defense Committee to assess the quality of the work. The Dissertation Defense Committee will be made up according to policies as determined by the Faculty of Graduate Studies. Once the Committee is satisfied with the dissertation, candidates will then defend the dissertation in a public oral examination as per the requirements of the Faculty of Graduate Studies. Candidates are expected to complete their dissertation and final oral exam by the end of their fourth year in the PhD Program.
5. International Research Exchange

To round out their research experience, PhD candidates can participate in an International Research Exchange at select research-focused universities abroad. These short-term residencies are intended to ensure that PhD candidates have direct exposure to international research issues as well as to enhance their international academic networks. An International Research Exchange is optional. The PhD Program Director, in consultation with the candidate’s supervisor, may require it as part of the candidate’s program.

If an International Research Exchange is included in the candidate’s program, the candidate will work with his/her supervisor and the International Programs Office to find an appropriate placement at a university abroad. The length of the International Research Exchange can vary, but could be up to four months and will take place after candidacy exams. A reflective exercise will be required upon completion of the International Research Exchange and requirements will be set out by the PhD Program Director and candidate’s PhD Supervisor.

6. Industry Practicum

PhD candidates may include work experience in their program by participating in an Industry Practicum to engage in an organization, whether that be a private business, public institution, or not-for-profit entity, to enhance their practical appreciation for the phenomena they are studying. A holistic assessment will be conducted at the time of the candidacy exams to determine a candidate’s need for industry experience. The PhD Program Director, in consultation with the candidate’s supervisor, may require a practicum for the candidate’s program.

If an Industry Practicum is included in the candidate’s program, the candidate will work with his/her supervisor and the Business Co-op and Career Center, on a suitable Industry Practicum program—which is intended to be closely related to their emerging area of academic study. The length of the Industry Practicum can vary, but may be up to four months and will take place after candidacy exams. A reflective exercise will be required upon completion of the Industry Practicum and requirements will be set out by the PhD Program Director, the candidate’s supervisor, and the Business Co-op and Career Center.

7. Teacher Training as determined appropriate by the PhD Program Director

Teacher training will be an essential component of the PhD program. Candidates will be given various opportunities to develop teaching skills through Teaching Assistantships and/or Sessional Teaching as well as courses available through the UVic Learning and Teaching Center (e.g., ED-D 614). Teaching activities will be coordinated through the PhD Program Office.

While teacher training is mandatory, the PhD Program Director, in consultation with the candidate’s supervisor, may waive this requirement if the candidate can demonstrate a high level of teaching experience and expertise. An assessment of the candidate’s teaching experience will be completed at the time of the candidacy by the PhD Program Director and the candidate’s supervisor.

8. Other requirements

These will be determined by the PhD Program Director and the student’s PhD Supervisor.

PhD Course Prerequisites

Students who have not completed an MBA will normally be expected to complete the MBA Foundation module. Students may be waived from certain courses based on prior coursework or work experience. These requirements will be determined on a case-by-case basis and will be communicated to the prospective students prior to admission into the PhD program.

Assessment of Progress

A student’s progress will be reviewed periodically by the PhD Advisory Group in consultation with the student’s supervisor. In cases where performance is below the required standard, a plan for improvement will be developed between the PhD Program Director and the student, if there is mutual agreement that the student is to continue pursuing PhD studies. Continued financial support is contingent upon satisfactory progress as assessed by the PhD Program Director.

Residency

Students are required to attend full time on campus throughout their PhD studies (aside from their International Research Exchange, Industry Practicum). Continued financial support is contingent upon full time residency although special arrangements may be possible if agreed upon in advance by the PhD Program Director.

Program Length

PhD students should aim at completing their doctoral program in four years, including research, teacher training, international Research Exchange and industry practicum experiences. The program operates year round.

Co-operative Education

The University regulations with respect to Co-operative Education Programs and specifically the "General Regulations: Graduate Co-op" (page 46) are applicable to the Sardul S. Gill Graduate School of Business Co-op Program except to the extent that they are modified by regulations adopted by the School.

Admission to the MBA Business Co-op Program

Students entering the MBA Program with less than three years full-time relevant (or equivalent) work experience will be required to undertake either one or two Co-op work terms. The number of work terms required will depend on the amount of relevant prior work experience, as determined by the MBA Program in conjunction with the Business Co-op and Career Centre. If required, the first Co-op work term will normally occur after completion of the eight-month Foundation Module (except for MBA 560). The second Co-op work term is scheduled thereafter.

MBA Co-op General Regulations

The following regulations apply to the Business Co-op program. General regulations found in the Co-operative Education Program section of the Calendar also apply to the Gill Graduate School of Business Co-op program. Where the school’s regulations differ from those of the Co-operative Education Program, the school’s regulations will apply.

Co-operative Education work terms are normally four months of full-time paid work. The work placement must be related to the student’s learning objectives and career goals. The placement must be supervised, and the employer willing to conduct a mid-term and final evaluation of the student in consultation with a Co-operative Education Program Coordinator (known hereafter as a Coordinator).

No MBA student is allowed to take more than 3.0 units of credit while on a full-time work term. If a student is on conditional continuation then no units of credit will be allowed during the work term. Students with a GPA below 4.0 in an academic term will not be eligible to participate in the next scheduled Co-op work term.

Students must sign a current Terms and Conditions document as provided by the Business Co-op Program in order to be eligible to participate in the placement process.

Introduction to Professional Practice is a mandatory requirement for business students. This program is a co-requisite for students participating in the placement process prior to their first work term.

Students will be provided more information regarding Introduction to Professional Practice, its curriculum, and the requirements for completion upon admission to the MBA Co-op Program.
Students are expected to participate fully in the placement process. While every attempt will be made to ensure that all eligible students are placed, the Gill Graduate School of Business is under no obligation to guarantee placement. Students should be prepared to spend at least one work term outside the greater Victoria area.

The Business Co-op Program reserves the right to approve any employer that provides placements for students, and to withdraw a student from any placement. The student, however, has the right to be informed in writing of the reasons for any withdrawal and can follow the student appeal procedures as outlined in the "Student Appeal Procedures" on page 58. Students may not withdraw from a placement without approval from a Coordinator. Failure to obtain permission will result in the student receiving a grade of F on the work term.

Students must be officially registered for the work term and provide any required documentation before the end of the first month of the semester in which the work term occurs. Students not registered by that time may not receive credit for that work term. A Co-op program fee is charged for each term of work term registration. This fee is in addition to any tuition fees and student fees. It is due in the first month of each work term and subject to the normal University fee "General Regulations", page 63.

While on Co-operative Education work terms, students are subject to the provisions of the Principles of Professional Behaviour and the Standards for Professional Behaviour documents developed for Gill Graduate School Students.

Assessment of Work Term Performance
The requirements for a pass grade in a Co-op Work Term include the satisfactory completion of the following items:

1. the student's Learning Objectives
2. a Work Site Visit by the Co-op Coordinator
3. the student’s Final Competency Assessment and a work term report (or alternative) assessed by the Coordinator and submitted by the deadlines specified below:
   - Spring Work Term Report: due April 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)
   - Summer Work Term Report: due August 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)

Late work term reports will not be accepted without a medical certificate unless approval has been obtained from Business Co-op staff before the work term report submission deadline. Normally, pre-approval may be granted only in the event of illness, accident or family affliction.

Varnances in work term report due dates resulting from irregular work term start dates may be granted with the written permission of the Manager, Business Co-op Program. Permission must be requested within the first four weeks of the start of the work term.

A grade of COM, F/X or N/X will be assigned to students at the completion of each work term. Students who are not satisfied with the grade they have been assigned may launch an appeal as described in the Co-op General Regulations “Student Appeal Procedures” on page 58. Students who fail a work term or have not completed a work term by the end of four academic terms may be required to withdraw.

MGB Internship General Regulations
The following regulations apply to the MGB 537 Global Internship.

MGB Internships may range from two months to eight months of full-time paid or unpaid work, two months (300 hours) being the minimum. The Internship must be related to the student's learning objectives and career goals. The Internship must be supervised, and the employer willing to conduct a mid-term and final assessment of the student in consultation with a Co-operative Education Coordinator (known hereafter as a Coordinator).

Students must sign a current Terms and Conditions document as provided by the Business Co-op Program in order to be eligible to participate in the Internship placement process.

Introduction to Professional Practice (MGB 502) is typically delivered during the first (Victoria) Module of the MGB program and is a mandatory requirement for University of Victoria MGB students.

Students will be provided more information regarding the MGB 537 – Global Internship, its curriculum, and the requirements for completion upon admission to the MGB Program.

Students are expected to participate fully in the placement process. While every attempt will be made to ensure that all eligible students are placed, the Gill Graduate School of Business is under no obligation to guarantee placement. The Coordinator reserves the right to approve or deny internships with any employer, and to withdraw a student from any placement. The student, however, has the right to be informed in writing of the reasons for any withdrawal and can follow the "Student Appeal Procedures" on page 58. Students may not withdraw from a placement without approval from the Coordinator. Failure to obtain permission will result in the student receiving a grade of F on the internship term.

Students must be officially registered for the Internship and provide any required documentation before the end of the first month of the semester in which the internship occurs. Students not registered by that time may not receive credit for that internship. While on Internship terms, students are subject to the provisions of the Principles of Professional Behaviour and the Standards for Professional Behaviour documents developed for Gill Graduate School Students.

Assessment of Internship Performance
The requirements for a pass grade in MGB 537 include the satisfactory completion of the following items:

1. the student's Learning Objectives
2. a Work Site Visit by the Co-op Coordinator
3. the satisfactory completion of a work term report (or alternative) and the student’s final competency assessment, as assessed by the Coordinator and submitted by the deadlines specified below:
   - Summer Work Term Report: due August 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)
   - Summer/Fall Work Term Report: (for Internships that begin during the Summer term and extend into the Fall term); due December 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)
   - Fall Work Term Report: (for January-entry students whose Internships begin during the Fall term); due December 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)
   - Fall/Spring Work Term Report: (for January-entry students whose Internships begin during the Fall term and extend into the Spring term); due April 15 (unless it falls on a University of Victoria recognized holiday or weekend, in which case the report will be due the next business day)

Late work term reports will not be accepted without a medical certificate unless approval has been obtained from the Coordinator before the submission deadline. Normally, pre-approval may be granted only in the event of illness, accident or family affliction.

Varnances in work term report due dates resulting from irregular work term start dates may be granted with the written permission of the Manager, Business Co-op Program. Permission must be requested within the first four weeks of the start of the internship term.
A grade of INP, COM, N or F will be assigned to students at the completion of the Internship. Students who are not satisfied with the grade they have been assigned may launch an appeal as described in the Co-op General Regulations, "Student Appeal Procedures" on page 58.

Students who fail an internship or have not completed an internship by the end of four academic terms may be required to pay a re-registration fee to retain student status while they complete the requirement.

PhD Industry Practicum

The intention of the PhD Industry Practicum is to provide an opportunity for PhD students to further their research goals within the PhD Program. Students participating in the PhD Industry Practicum must complete at least one work experience term, that is, normally four months of full-time, disciplined-related work under the supervision of the Business Co-op and Career Centre delegate and/or the PhD Program delegate. These work experience terms are subject to the General Regulations: Graduate Co-op. Students should contact the PhD Program to discuss entry into the Industry Practicum.

Chemistry

GENERAL INFORMATION

Contact Information
Department of Chemistry
Location: Elliott Building, Room 301
Mailing Address:
University of Victoria, Department of Chemistry
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
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Elliott Building, Room 301
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Telephone Number: 250-721-7156
Fax Number: 250-721-7147
Email: chemgsec@uvic.ca
Website: <www.uvic.ca/science/chemistry/>
Chair: Dr. Neil Burford
Email: nburford@uvic.ca
Phone: 250-721-7150
Graduate Adviser: Dr. David Harrington
Email: dharr@uvic.ca
Phone: 250-721-7166
Graduate Secretary: Ms. Sandra Baskett
Email: chemgsec@uvic.ca
Phone: 250-721-7156

Faculty Members and Areas of Research

David Berg, PhD (California, Berkeley)
Inorganic synthesis, lanthanide chemistry, organometallic chemistry.

Cornelia Bohne, PhD (Sao Paulo)
Supramolecular dynamics, kinetics, host-guest systems, gels, photochromism, photophysics.

Alexander G Briggs, PhD (Victoria)
Chemical education, organic, physical organic chemistry.

Alexandre G. Brolo, PhD (Waterloo)
Physical/analytical chemistry: surface spectroscopy, nanostructured materials, surface-enhanced Raman scattering (SERS), biosensors, plasmonics.

Neil Burford, PhD (Calgary)
Synthetic, structural and spectroscopic studies of compounds featuring the p-block elements.

Katherine Elvira, PhD (Imperial)
Microfluidics, artificial cells, droplets, in vitro drug assays, patient analytics, simulation.

Natia Frank, PhD (California, San Diego)
Organic synthesis and spectroscopy and coordination chemistry relevant to materials chemistry, organic electronics, organic photovoltaics, photochromism, photomagnetism, and spintronics.

Thomas M. Fyles, PhD (York)
Supramolecular chemistry, bilayer membrane transport, synthetic lipids and amphiphiles, sensors.

David A. Harrington, PhD (Auckland)
Electrochemistry: Electrocatalysis, adsorption and surface reactions, microfluidics, materials science, fuel cells.

Robin G. Hicks, PhD (Guelph)
Synthetic main group, organic and coordination chemistry; ligand design; electronic structure, reactivity, and coordination complexes of stable radicals; redox-active ligands; organic pi conjugated materials.

Fraser Hof, PhD (Alberta)
Supramolecular and medicinal chemistry. Organic synthesis and study of small molecules that inhibit protein targets relevant to cancer and epigenetics; basic studies of biomolecular recognition; bioanalytical chemistry; peptide and protein chemistry.

Dennis K. Hore, PhD (Queens)
Optical properties of materials, biophysical chemistry, structural changes accompanying adsorption of biomolecules onto solid surfaces, electronic and vibrational spectroscopy, molecular simulations.

Robert Lipson, PhD (Toronto)
Technique development and applications for MALDI mass spectrometry; laser spectroscopy of small polyatomics; and optical lithography for photonics.

J. Scott McIndoe, PhD (Waikato)
Organometallic chemistry, catalysis, reaction mechanisms, electrospray ionization mass spectrometry, real-time analysis, catalyst discovery and synthesis, ligand design.

Matthew Moffitt, PhD (McGill)

Irina Paci, PhD (Queens)
Theoretical and computational chemistry, multi-scale simulations, functional materials, statistical mechanics, surface self-assembly, surface chirality.

Lisa Rosenberg, PhD (British Columbia)
Catalyst design and mechanism, transition metal, silicon & phosphorus chemistry, E-H activation, new inorganic polymers.

Frank C.J.M. van Veggel, PhD (Twente)
Photonic and magnetic nanomaterials, cancer diagnosis and treatment, MRI contrast agents, biolables, lanthanide ions, quantum structures, synthesis and (photo)physical studies.

Peter C. Wan, PhD (Toronto)
Mechanistic organic photochemistry, reactive intermediates, physical organic chemistry, environmental photochemistry.
GRADUATE PROGRAMS

Jeremy Wulff, PhD (Calgary)

Synthesis and biological evaluation of complex molecules with potential medicinal properties.

Degrees and Specializations Offered

The department offers programs of study leading to thesis-based degrees of Master of Science (MSc) and Doctor of Philosophy (PhD). Research opportunities in nearly all modern areas of chemistry are available. Specialist expertise is recognized and developed, together with attitudes and skills essential for multi-disciplinary research. Consult the list of faculty members and their research, or visit the Department website for more information.

Facilities

The department is exceptionally well equipped. Departmental facilities exist for laser, mass spectrometry, and NMR systems, each having a variety of instrumentation capable of covering traditional through ground-breaking techniques. In addition, there is a wide range of specialized research instrumentation belonging to our researchers and a large inventory of common instrumentation in our undergraduate laboratories, all of which is available for research use with the appropriate permissions. All equipment – in departmental facilities; in research labs; and in teaching labs – is supported by our skilled team of technical staff. Chemistry researchers also have access to instrumental facilities run by several scientific Research Centres on campus.

Financial Support

The department offers a minimum annual stipend for qualified graduate students. This stipend is normally comprised of support from the supervisor (in the form of research assistantships) and the University (teaching assistantships). Many awards that provide additional funds are also available to exceptional entering and continuing students. Please consult the Graduate Adviser or Graduate Secretary for additional details.

ADMISSION REQUIREMENTS

General

The Chemistry department offers programs of study leading to the degrees of MSc and PhD. Complete admission requirements are supplied as part of the application package. Students accepted for admission are provided with a detailed outline of current policy and procedures for graduate study in the department. Based on past experience and performance, students may be permitted to enter either the MSc or PhD degree. For further information contact either the Graduate Admissions and Records Office or the Chemistry department at email: chemgsec@uvic.ca.

Applications are accepted from students who have completed a baccalaureate degree in chemistry or its equivalent. In addition, students completing a baccalaureate degree at a non-Canadian institution may be required to submit Graduate Record Examination (GRE) General test scores; see the Department’s website for details.

Some international applicants may be exempt from the English language test requirement. International applicants should consult the Department’s website for details. International applicants should review the international language proficiency requirement. International applicants should review the international language proficiency requirement. International applicants should review the international language proficiency requirement.

Admission to the MSc Program

1. Normally, students with a BSc in chemistry who achieved a minimum grade point of 5.0 during their last two years of upper-level courses will be eligible for admission to the MSc program. Admission decisions also consider other factors, such as reference letters, appropriate background in chemistry, and, when required, demonstration of English language proficiency.

2. Applicants who already hold a Master’s degree in chemistry must have their application reviewed by the Department of Chemistry and the Faculty of Graduate Studies before being considered for the MSc program. Normally, applicants already holding an MSc in chemistry will only be considered for admission to the PhD program.

Admission to the PhD Program

1. Students entering with a first class undergraduate degree or a previous MSc degree from a recognized institution may be admitted directly to PhD studies.

2. Graduate students in a Master’s program may transfer to a PhD program with the support of their supervisory committee. Students wishing to transfer to a PhD program must complete a written transfer report summarizing their progress to date and future plans and complete an oral transfer examination within 16 months of entry into the MSc program. Students who have not completed the transfer process within 16 months of first registering will normally be expected to complete an MSc degree.

3. Applicants who already hold a PhD in chemistry must have their application reviewed by the Department of Chemistry and the Faculty of Graduate Studies before being considered for the PhD program. Normally applicants already holding a PhD in chemistry will not be considered for the PhD program.

Application Deadlines

Students are admitted to the MSc and PhD programs in September, January, and April. The application deadlines for all programs are listed below:

<table>
<thead>
<tr>
<th>Entry point</th>
<th>Deadline for Domestic students</th>
<th>Deadline for International students</th>
</tr>
</thead>
<tbody>
<tr>
<td>September</td>
<td>June 15</td>
<td>May 1</td>
</tr>
<tr>
<td>January</td>
<td>October 15</td>
<td>September 1</td>
</tr>
<tr>
<td>May</td>
<td>February 15</td>
<td>January 1</td>
</tr>
</tbody>
</table>

PROGRAM REQUIREMENTS

Thesis-based Master’s

Course Requirements

Candidates for the MSc degree are required to complete at least 3 units of graduate courses in Chemistry. Substitution of appropriate courses from other departments may be made with the permission of the Chair, Supervisor, Graduate Adviser and Faculty of Graduate Studies. In addition to the course work completed early in the program, candidates are required to complete an MSc Thesis (CHEM 599). The normal course structure for an MSc program is:

Summary of Course Requirements

- Seminar (CHEM 509)1 ................................................................. 1
- Discussion (CHEM 670 or 680)2 .............................................. 1.5
- Graduate lecture courses3 ...................................................... 1.5
- Thesis (CHEM 599)1 ............................................................... 15
- Total ........................................................................................................... 19

1. Students are required to register in CHEM 509 and 599 throughout their degree. The requirements for CHEM 509 are regular attendance at departmental seminars and presentation of a research seminar in term 4 or 5 of the student’s program.
Students Entering the Program with an MSc

Candidates for the PhD degree entering the program with an MSc (or equivalent) degree are required to complete at least 3 units of graduate courses in Chemistry.

Summary of Course Requirements

<table>
<thead>
<tr>
<th>Course Requirement</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar (CHEM 509)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>1.0</td>
</tr>
<tr>
<td>Discussion (CHEM 670 or 680)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>1.5</td>
</tr>
<tr>
<td>Graduate lecture courses&lt;sup&gt;3&lt;/sup&gt;</td>
<td>1.5</td>
</tr>
<tr>
<td>Candidacy (CHEM 693)</td>
<td>3.0</td>
</tr>
<tr>
<td>Dissertation (CHEM 699)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>39.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46.0</strong></td>
</tr>
</tbody>
</table>

1. Students are required to register in CHEM 509 and 699 (or 599) throughout their degree. The requirements for CHEM 509 are regular attendance at departmental seminars and presentation of a research seminar in term 10 or 11 of the student’s program.
2. A graduate lecture course may be substituted for CHEM 670 or 680 when the latter are not offered.
3. Substitution of an equivalent unit value course from another department or institution may be permitted with the permission of Chair, Supervisor, Graduate Adviser and Faculty of Graduate Studies.
4. The decision as to whether a lecture or discussion course is most appropriate will be made by the student’s supervisory committee in consultation with the student.

Students Entering Directly from a BSc Degree Program

Summary of Course Requirements

<table>
<thead>
<tr>
<th>Course Requirement</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar (CHEM 509)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>1.0</td>
</tr>
<tr>
<td>Discussion (CHEM 670 or 680)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>1.5</td>
</tr>
<tr>
<td>Graduate lecture courses&lt;sup&gt;3&lt;/sup&gt;</td>
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<tr>
<td>Candidacy (CHEM 693)</td>
<td>3.0</td>
</tr>
<tr>
<td>Dissertation (CHEM 699)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>37.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46.0</strong></td>
</tr>
</tbody>
</table>

1. Students are required to register in CHEM 509 and 699 (or 599) throughout their degree. The requirements for CHEM 509 are regular attendance at departmental seminars and presentation of a research seminar in term 10 or 11 of the student's program.
2. A graduate lecture course may be substituted for CHEM 670 or 680 when the latter are not offered.
3. Substitution of an equivalent unit value course from another department or institution may be permitted with the permission of Chair, Supervisor, Graduate Adviser and Faculty of Graduate Studies.
4. The decision as to whether a lecture or discussion course is most appropriate will be made by the student’s supervisory committee in consultation with the student.

Research

As in the case of MSc students, direct entry PhD students may start a program of research immediately upon arrival at the University. Graduate students will be matched with a research supervisor by mutual agreement prior to the beginning of their studies, equivalently to the process for entering MSc students. Students transferring into the PhD program normally will continue the research projects they initiated as MSc students.

Supervisory Committee

The research supervisor must name a Supervisory Committee for the student as soon as a choice of project has been made. For the PhD degree the Supervisory Committee shall consist of three or four members including the supervisor. One member of the supervisory committee must be from outside the department. For students transferring from an MSc to a PhD program, an additional committee member must be added by the research supervisor as soon after transfer as practical.
Assessment of Progress
The progress of PhD students is reviewed every term, as described above for MSc students.

Candidacy
Before being admitted to candidacy, all PhD students must pass a candidacy examination in their major field as outlined in “Doctoral Candidacy Examinations” on page 23. Chemistry department regulations stipulate that a student must pass a candidacy exam within two years of registration as a provisional doctoral student. Students who transfer from a Master’s program will be expected to pass the candidacy exam within 16 months from transfer. CHEM 693 is a co-requisite for CHEM 699. All registrations in CHEM 699 must be accompanied by registration in CHEM 693 until CHEM 693 is passed; students must be registered in CHEM 693 continuously until it is passed or they leave the program. A grade A grade of INP will be assigned for CHEM 693 until the examination is completed.

The PhD examination in Chemistry includes a candidacy report and an oral examination on subject areas relevant to the student’s research. The written report is a proposal based on the student's own research which should include (i) pertinent background & literature survey, (ii) a summary of recent results and (iii) future directions and goals of the research, including methodology, outcomes, possible pitfalls, and impact of the work. The proposal should be approximately 4,000-5,000 words (excluding references), and contain figures and references as appropriate. Details on the report structure can be obtained from the Department Web Site (www.uvic.ca/science/chemistry/graduate/index.php). The proposal should be distributed to the supervisory committee 2 weeks prior to the scheduled exam date.

Approximately 5 weeks prior to the candidacy exam date, the supervisor will provide a memo to the student (copy to the supervisory committee, departmental graduate secretary and the Graduate Studies Committee representative) outlining 3-4 topics broadly related to the students research on which the student will be questioned at the exam.

A member of the department Graduate Studies Committee will chair the candidacy examination; the chair of the exam shall not be a member of the supervisory committee. The student will first give a short (15 minute) oral presentation on the candidacy report. The student will then be questioned by the Supervisory Committee on the topic of the report and the agreed upon question areas. Candidacy exams should normally take approximately two hours. The exam chair will report the result of the examination to the Faculty of Graduate Studies. If the supervisory committee decides that the student has passed the candidacy exam, the exam chair will recommend to the Faculty of Graduate Studies that the exam was successfully completed. Revisions to the written report may be required as a condition of passing the exam; details of the revisions and a timeline for their completion will be communicated to the student. The In the event of failure, the student will be given one opportunity to repeat the examination; a memo to the student will articulate the nature of the deficiencies and set a timeline for repeating the exam. A second failure would result in the student being required to withdraw from the university or, if sufficient progress has been achieved, to complete a MSc thesis.

Program Length
Normally, completion of a PhD degree in chemistry requires 48 to 60 months.

Co-operative Education
Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op co-ordinator, to participate in the Co-op program. Interested students should contact the Chemistry Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Child and Youth Care

General Information
The School of Child and Youth Care, the oldest English-speaking child and youth care program, opened its doors in 1973 at the University of Victoria. The School is known internationally and nationally for its excellence in teaching, research and publication.

For further information or any updates, prospective students are invited to visit our website: <www.uvic.ca/hsd/cyc>

Contact Information
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Email: drobinso@uvic.ca
Website: <www.uvic.ca/hsd/cyc>
Director: Jennifer White
Email: scycdir@uvic.ca
Phone: ...................................................................................250-721-7986
Graduate Adviser: Marie Hoskins
Email: mhoskins@uvic.ca
Phone: ...................................................................................250-721-7982
Graduate Program Assistant: Sandra Curran
Email: scurran@uvic.ca
Phone: ...................................................................................250-472-4857

Faculty Members and Areas of Research
James P Anglin, PhD (Leicester)
Assessment of education and training needs in human services, parent education and parent support, qualitative research approaches, grounded theory, international child and youth care, residential child and youth care, quality assurance in child and family services, child advocacy and youth in care

Sibylle Artz, PhD (Victoria)
The theory, practice, relationship in human and social development, the process of reflection in action, at risk children and adolescents, adolescent females’ use of violence, youth violence prevention

Jessica Ball, PhD (California, Berkeley)
Cultural ecologies of child development, Indigenous children and families, early childhood care and development, father involvement, community-based research partnerships, early childhood development intercultural partnerships
Sandrina de Finney, PhD (Victoria)
Processes of racialization and youth identities, Aboriginal, ethnic minority and immigrant youth, youth participation in practice and research, community development and community-based practice

Marie Hoskins, PhD (Victoria)
Adolescent girls’ development/eating disorders, family counselling, identity issues

Valerie S. Kuehne, PhD (Northwestern)
Intergenerational caregiving, child development and human development through the life course, multidisciplinary practice with children and families

Doug Magnuson, PhD (Minnesota)
Use of influence methods and mandated authority, professional judgment and decision-making, use of solution-focused methods in domestic violence cases

Veronica Pacini-Ketchabaw, PhD (Toronto)
Diversity in early childhood care and development, social and educational contexts of culturally and linguistically diverse communities in Canada, historically and politically embedded discourses of childhood

Alan R. Pence, PhD (Oregon)
Early childhood education, care and development (ECCD), child community and social development, Indigenous ECCD, ECCD and international development

Daniel Scott, PhD (Victoria)
Children and adolescent spirituality, spiritual development and the lives of early adolescents

Jennifer H. White, EdD (British Columbia)
Youth suicide prevention, early intervention/mental health promotion, program planning practice, narrative research

Emeritus Faculty

Gordon Barnes, PhD (York)
Substance use, families and child and youth care

Roy V. Ferguson, PhD (Alberta)
Children’s health care and child life practice/environmental design, children with disabilities/special needs and their families, distance education and educational collaboration

Frances Ricks, PhD (York)
Ethics in child and youth care, consciousness, presencing, and ethical practice

Adjunct and Cross-Listed Appointments

Olatunde Adekola, PhD (Surrey)
Early childhood development (ECD), ECD operational research and education

Carol Amaratunga, PhD (Guelph)
Health, women’s and family issues

Jophus Anamuah-Mensah, EdD (British Columbia)
Teacher education, world view research, science education and cultural practices

Anne Becker, PhD (Harvard), MD (Harvard)
Cultural mediation of body image and eating disorders in Fiji, social transition and risk for eating disorders in Fiji, global mental health

Nancy Bell, PhD (Glasgow)
Human rights, with emphasis on child and youth rights, socio-legal research and human rights, social policy analysis, human rights monitoring and implementation, public services redress structures, non-traditional remedies and institutional responses to human rights violations, institutional ethnography

Jeremy Berland, MSW (British Columbia)
Working with families where neglect is a concern, outcome measurement in child welfare, workload measurement, organizational culture

Natasha Blanchet-Cohen, PhD (Victoria)
Child and youth agency, participation and resiliency, children’s rights, community youth development, child youth friendly cities, governance and planning, environmental action and young people, child-centred evaluation

Larry Brendtro, PhD (Michigan)
Strength-based assessment, treatment, and education, building resilience in youth at risk, Indigenous youth in the dominant culture, building positive youth cultures, from coercive to restorative climates with troubled youth, the resilient brain

Roy Brown, PhD (London) Hon. Dr. Caus (Ghent)
Quality of life for people with disabilities and their families, evaluation of disability service programs, mental imagery amongst persons with disabilities, applying research to practice in the disabilities field, research design in applied research

C. Ann Cameron, PhD (London)
Cross-cultural studies of verbal deception: Canada/China/Japan/USA comparisons, young children’s stress reactivity to a moral choice, ecological studies of development in cultural context: the early years in Canada, Thailand, Italy, UK, Peru, USA & Turkey, Day in the Life of resilient adolescents in eight locations around the globe: four communities in Canada paired with communities in India, China, Thailand and South Africa, young children’s telephone discourse with family members: relationships with emergent literacy, evaluation of school-based violence prevention, especially gender-sensitive interventions, resilience during transitions: early childhood years, early adolescence, and the transition to university, teenagers’ perceptions of intimate relationships

Grant Charles, PhD (Victoria)
Child welfare, young carers, community partnerships, field education and supervision

Margaret Dabor, PhD (Sierra Leone)
Curriculum development, training and policy in Africa, focus on early childhood development (ECD), girl-child education

Enid Elliot, PhD (Victoria)
Bridging theory and practice in early childhood, research that involves children under six, under three, as researchers, the complexities of infant and toddler care, natural play spaces in early childhood programs, the narratives of early childhood educators, children’s play, learning and engagement in the outdoors

Nigel Fisher, PhD (McMaster)
International development, children affected by armed conflict, public policy, fragile states, poverty and insecurity, innovation and development, comparative development of Canada’s Aboriginal communities and countries of the global South

Leslie Foster, PhD (Toronto)
Child/youth health and welfare policy development and decision making, youth health and development indicators, improved decision making, youth health and development indicators, mapping health and development indicators, issues related to knowledge transfer for improved decision making

Thom Garfat, PhD (Victoria)
Residential CYC practice, the therapeutic use of daily life events, engagement with families in CYC practice, relational CYC practice, self in CYC, outcomes that matter in working with young people and families, the application of the circle of change

Kiaras Gharabaghi, PhD (Dalhousie)
Life-space intervention, residential care and treatment, education experiences of children and youth in care, social pedagogy models of care, community-based interventions in an international context
GRADUATE PROGRAMS

Rebecca Gokiert, PhD (Alberta)
Early childhood measurement and evaluation, validity of screening and assessment processes and tools, cross-cultural approaches to screening and assessment, mixed methodologies and community-based research and evaluation

Nevin Harper, PhD (Minnesota)
Outdoor and adventure-based activity, children and nature, experiential teaching and learning, mixed methods and program evaluation, leadership

John Hart, PhD (Southern California)
Gender studies/men’s issues, fathering, Indigenous traditional healing, meditation training for youth health and well-being

Elizabeth Jones, PhD (Southern California)
Learning through play, emergent curriculum, active learning for adults, online learning, peacemaking

Sylvia Kind, PhD (British Columbia)
Early childhood curriculum, children’s artistic and expressive languages, studio research and the role of the atelier in early childhood, art practice as living inquiry

Philip C. Lancaster, PhD (Ottawa)
Child soldiers, children affected by armed conflict, sexual and gender-based violence, political philosophy, genocide

Kofi Marfo, PhD (Alberta)
Early child development, including care and education, development science and social policy, socio-cultural contexts of human development, parent-child interaction, early intervention: program efficacy, critical analysis of applied research, cognition, learning, and instruction, evaluation of educational interventions/innovations, mental retardation/developmental disabilities, international perspectives in developmental practice

Gord Miller, PhD (Victoria)
Child and youth health promotion, social welfare services and policy development, community youth development, school as a setting for health promotion, social determinants of health, adolescent health, collaborative action research, evaluation models and approaches

Wayne Mitic, EdD (State, NY)
Utilization-focused evaluation as it pertains to health promotion programs and services, health promotion planning as it relates to chronic disease prevention

Peter Moss, MA (London)
Early childhood services, relationship between early years services, schools, and free-time services, workforce in services for children and young people, leave policies for parents, relationship between care and employment

Michelle Neuman, PhD (Columbia)
International early childhood care and development, child and family policy in comparative perspective, education politics and policy, international education development, program evaluation

Bame Nsamenang, PhD (Ibadan)
Africa’s future hope – children and youth

Esther Oduolowu, PhD (Ibadan)
Early childhood development (ECD), education and literacy

Carmen Rodriguez, PhD (Victoria)
Aboriginal childcare practices, aboriginal worldviews, bilingual education, identity and child development across cultures, multicultural approaches to teaching and learning

Shlomo Rami, PhD (Toronto)
Non-formal education, qualification of workers and residential schools, psychological assessment, custody cases and psychological characteristics of dropout and delinquent youth, youth in distress, training workers and therapeutic intervention

Blythe Shepard, PhD (Victoria)
Rural youth, families and children living with Fetal Alcohol Spectrum Disorder, training/supervision of helpers, narrative methodology, child and family responses to natural disasters

Hans Skott-Myhre, PhD (Minnesota)
Globalization, radical youthwork, youth subcultures, philosophy of child and youth studies, body practices and creative force of childhood and youth, children, youth and popular culture, qualitative and ethnographic research methods, post-colonial/post-capitalist subjectivity

Victoria Smye, PhD (British Columbia)
Access to mental health and addictions care, inequities in access to mental health and addictions care with a particular focus on Aboriginal peoples and women, long term health effects for women leaving intimate partner violence, Aboriginal women’s experiences of leaving intimate partner violence, suicide prevention

Carol Stuart, PhD (Victoria)
Professional practice standards, evidence based practice, youth resilience and youth at risk, participatory research and qualitative approaches to research

Beth Blue Swadener, PhD (Wisconsin-Madison)
Decolonization of research in cross-cultural contexts, cultural diversity and an early childhood education, inclusion of children with disabilities, homelessness in international context/street children and youth, social policies affecting children and families

Affrica Taylor, PhD (New South Wales)
Geographies of childhood, settler colonial place relations, common worlds childhoods and pedagogies (see webpage: www.commonworlds.net), children’s multispecies relations, Indigenous childhoods and ontologies

Bruce Tobin, PhD (Washington)
Expressive therapies, child abuse and trauma, effects of television on child development, issues in inter-cultural counselling in First Nations communities

Steve Van Bockem, EdD (South Dakota)
Youth placed at risk, strength-based classroom discipline, personal and professional development, best practice teaching and school leadership, emotional intelligence, resiliency

Emily Vargas-Baron, PhD (Stanford)
National-level policy planning for integrated early child development, children’s needs and responsive programs in crisis and post-crisis nations, educational policy planning and systems development, systems for planning, coordinating, and evaluating national-level integrated early child development systems, early child development training systems, curriculum, and materials development, parent education systems

Degrees and Specializations Offered

The School of Child and Youth Care offers a Master of Arts (MA) and a Doctor of Philosophy (PhD) in Child and Youth Care. The programs have an applied focus, preparing professional practitioners in the child and youth care field for leadership in advanced practice, policy and research. The School of Child and Youth Care has been able to respond to child and international development needs through the Early Childhood Development Virtual University (ECDVU) program. This program is only available on a distributed learning, special delivery basis in international development regions and contexts (for example, Africa, the Middle East). The students participating in these deliveries are identified on a group basis through a country or community nomination process (not through self-registration). See the ECDVU website: <www.ecdvu.org>.

Facilities

The School of Child and Youth Care houses laboratories designed for professional practice with children, youth and families. The School is
affiliated with the Centre for Youth and Society and the Centre for Addictions Research. It operates special educational initiatives, including the Early Childhood Development Virtual University and the Centre for Early Childhood Research and Policy.

Financial Support
The School provides funding to a limited number of students in the form of fellowships, awards, research assistantships, and teaching assistantships. University of Victoria Fellowships (currently up to $15,000 for MA degree candidates, up to $18,000 for PhD candidates) may be awarded annually to registered full-time students of high academic standing (7.0 on the UVic grading scale/A- or above, with applications completed before February 15). Teaching or research assistantships may be obtained from the University through employment in the department.

Students in Child and Youth Care may be nominated for a limited number of additional scholarships. Detailed information on awards and application procedures and deadlines is available at the Faculty of Graduate Studies website: <www.uvic.ca/graduatescholarships>. The provincial and federal governments each offer student loans to full-time candidates who meet the requirements. In addition, the University of Victoria Tuition Bursary Fund offers assistance to qualified students in serious financial difficulty.

Students should also apply for external sources of funding through agencies such as Social Sciences and Humanities Research Council and the Canadian Institute for Health Research <www.cihr-irsc.gc.ca/funding>, the Michael Smith Foundation <www.msfhr.org> and from other provincial and federal funding agencies.

Guidelines for Professional Conduct
The School of Child and Youth Care expects graduate students to develop and adhere to a professional code of conduct. The school supports models for professional conduct based on the following guidelines:

• submission of oneself to a professional code of ethics
• exercise of personal discipline, accountability and judgement
• acceptance of personal responsibility for continued competency and learning
• willingness to serve the public, client or patient and place them before oneself
• ability to recognize the dignity and worth of all persons in any level of society
• willingness to assist others in learning
• ability to recognize one’s own limitations
• maintenance of confidentiality of information appropriate to the purposes and trust given when that information was acquired
• acceptance that one’s professional abilities, personal integrity and the attitudes one demonstrates in relationships with other persons are the measure of professional conduct

Unprofessional Conduct
Graduate students in the School of Child and Youth Care are subject to the provisions of the code of ethics of their respective profession, and may be required to withdraw from the school for violating these provisions. Graduate students may also be required to withdraw from their school when ethical, medical or other reasons interfere with satisfactory practice in their respective discipline.

Admission Requirements
General
All candidates for the degree of MA or PhD in Child and Youth Care must meet all general requirements of the Faculty of Graduate Studies, as well as the specific requirements of the School of Child and Youth Care.

Candidates need to have been involved in some manner with the CYC field or be strong candidates from a related field. All application materials, except for the sample of academic writing, must be submitted to the Graduate Admissions and Records Office. Entry to the program is on a competitive basis, and enrolment may be restricted in any given year.

Admission to Master’s Programs
Candidates will have a baccalaureate degree from a recognized university, or equivalent qualifications, with an academic standing acceptable to the School and the Faculty of Graduate Studies. In general, this means a B standing (5.0 GPA) or better in the final two years of the undergraduate degree. Students who do not have an undergraduate degree in Child and Youth Care will be expected to have successfully completed an upper level course in developmental theory focused on children, youth and their families and to demonstrate suitability for the master’s program in terms of an appropriate vocational background and future career goals. In addition, all applicants typically have two years post-baccalaureate professional employment in the child and youth care field.

Applicants must meet all of the admission requirements of the Faculty of Graduate Studies. In addition, applicants must submit a professional resume, with complete work, education, training and activity history; professional references; and a sample of academic writing. A personal statement of intent related to the program is also required.

The program admits students on an annual basis for September entry, with limited enrolment. The course delivery offers full- or part-time enrolment.

Initial inquiries regarding the master’s program should be addressed to the Graduate Adviser, School of Child and Youth Care. Application forms may be obtained from the Graduate Admissions and Records office. Each applicant will be assessed individually by the School of Child and Youth Care. Normally, admission will be limited to approximately 10-15 students per year.

Admission to the PhD Program
Candidates will have a minimum of B+ (6.0 GPA) average and a master’s degree in Child and Youth Care or an allied discipline that demonstrates research experience and a capacity to conduct research. (Candidates whose previous degrees do not have a research component will be required to undertake and write a qualifying research activity.)

Each candidate accepted into the program will require one faculty member who is his/her agreed supervisor and a second faculty member who will serve on his/her supervisory committee. Admission to the program is restricted by the availability of faculty supervisors. Admissions decisions are made by the SCYC faculty.

Candidates are strongly encouraged to apply for external funding and should indicate on their applications where they have applied for such funding.

In addition to the documentation required by the Faculty of Graduate Studies, the School of Child and Youth Care requires that applicants submit the following:

• A Curriculum Vitae;
• A comprehensive written statement outlining their intentions and expectations for their PhD program including: (a) an outline of relevant background, (b) their past and current research interests, (c) future professional goals and their work’s potential contribution to the field of child and youth care;
• A sample of writing that demonstrates graduate level writing capacity;
• Two academic references;
• Two professional references from people in positions to comment on the applicant’s professional capacity;
• GRE scores, if available.
All short-listed candidates will be interviewed by a faculty admissions committee.

Deadlines
The deadline for submitting an application is December 15 for international applicants and January 31 for domestic applicants. Please note that the School accepts students for a September entry only. Completed applications submitted by these deadlines are automatically considered for University of Victoria Fellowships. The School accepts MA students annually and will be accepting PhD students every other year, with the next intake in 2017.

Program Requirements
All students in the School of Child and Youth Care must adhere to the Faculty of Human and Social Development’s Guidelines for Professional Conduct, and will be expected to function within the terms of the code of conduct of an appropriate professional association. All travel, accommodation, meal, textbook, course reading and other expenses related to attending course sessions are in addition to the program tuition costs, and are the responsibility of the student.

Students are required to have access to a computer (PC or Macintosh) with Internet capabilities.

Master’s Program
The School of Child and Youth Care offers a Master of Arts in Child and Youth Care in a flexible delivery format to ensure accessibility to individuals working in the field. The program has an applied focus, preparing professional practitioners in the child and youth care field for leadership in advanced practice, training, research and service support roles.

Child and Youth Care practice experience is essential to the master’s program; students are required to complete at least one field-work placement approved in writing by their faculty coordinator. A wide range of child and youth care settings and programs are suitable, and selection should be made in consultation with the faculty coordinator. Individual students are responsible for all related field work costs, including travel, criminal records checks, telephone, accommodation and other costs.

Master’s—Thesis Option
The program of study consists of a total of 18 units:
- 13.5 units of core courses and electives
- 4.5 units of thesis

Course Requirements

<table>
<thead>
<tr>
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<td>CYC 546 (1.5)</td>
<td>Human Change Processes: From Theory to Practice</td>
</tr>
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</tr>
<tr>
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<td>Applied Research Seminar</td>
</tr>
<tr>
<td>CYC 565 (1.5)</td>
<td>Child and Adolescent Development in Context</td>
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<tr>
<td>CYC 599 (4.5)</td>
<td>Thesis</td>
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Other Requirements
As outlined in the course requirements, MA students must complete a practicum. The minimum number of practicum hours for CYC 553 is 165 for a 1.5 unit course or 300 hours for a 3.0 unit course. It is expected that a minimum of 15 hours will be spent in direct (individual or group) supervision with the field site supervisor.

Thesis
The focus of a thesis is on a theoretical issue and methodology. This includes the application of a research question, a thorough literature review, an analysis of data, a presentation of findings, and the implications of findings for further research and practice. Students must follow the Guidelines for the Preparation of Master’s Theses and Doctoral Dissertations (available online from Graduate Admissions and Records).

The thesis process has two components: 1) the required CYC 558 Applied Research Seminar, that is the first stage of proposal writing and ethics review (1.5 units) and 2) the research process, thesis writing and oral defence (4.5 units).

Oral Examination
Students are required to pass an oral examination at the end of their thesis.

Program Length
The maximum time limit for the MA Program is 5 years. It is expected that full-time students will complete their programs in less than 3 years.

Project-based Master’s
The program of study consists of a total of 18 units:
- 13.5 units of core courses and electives
- 4.5 units of research project

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CYC 549 (1.5)  Program Design and Development in Child and Youth Care
CYC 551 (1.5)  Ensuring Quality in Child and Youth Care Programs
CYC 552 (1.5)  Ethics in Practice
CYC 554 (1.5)  Diversity in Practice
CYC 561 (1.5 or 3.0)  Special Topics in Child and Youth Care Theory
CYC 562 (1.5 or 3.0)  Special Topics in Child and Youth Care Intervention
CYC 563 (1.5 or 3.0)  Specialized Practicum in Child and Youth Care
CYC 564 (1.5 or 3.0)  Special Topics in Child and Youth Care Research
CYC 565 (1.5)  Diversity in Practice
CYC 566 (1.5)  Special Topics in Child and Youth Care Theory
CYC 567 (1.5)  Program Design and Development in Child and Youth Care
CYC 568 (1.5)  Program Evaluation and Policy in Child and Youth Care
CYC 569 (1.5)  Human and Organizational Change
CYC 571 (1.5)  Youth Substance Use: Perspectives on Theory, Research and Practice
CYC 572 (1.5)  Child and Youth Care in the Context of International Development
CYC 573 (1.5)  Children's Survival, Health, and Development in Ecocultural Context
CYC 580 (1.5)  Directed Studies in Child and Youth Care
CYC 581 (1.5)  Special Topics in Child and Youth Care Intervention
CYC 582 (1.5)  Specialized Practicum in Child and Youth Care
CYC 583 (1.5)  Special Topics in Child and Youth Care Theory
CYC 584 (1.5)  Program Design and Development in Child and Youth Care
CYC 585 (1.5)  Ethics in Practice
CYC 586 (1.5)  Diversity in Practice
CYC 587 (1.5 or 3.0)  Special Topics in Child and Youth Care Theory
CYC 588 (1.5 or 3.0)  Special Topics in Child and Youth Care Intervention
CYC 589 (1.5 or 3.0)  Specialized Practicum in Child and Youth Care
CYC 590 (1.5 or 3.0)  Directed Studies in Child and Youth Care

Other Requirements

As outlined in the course requirements, MA students must complete a practicum. The minimum number of practicum hours for CYC 553 is 165 for a 1.5 unit course. Of these 165 hours, it is expected that 15 hours would be dedicated to meetings with the site supervisor to set goals, evaluate progress, and discuss issues.

Final Project

The focus of a project is on practice. It has a service-oriented intent. The project may involve one or more of the following: needs assessment, program design, curriculum development, documented practice intervention, program evaluation, or publishable review/synthesis of an aspect of the CYC literature for the benefit of a particular service group requesting this as a service. Students can discuss other possible projects with their supervisors.

The final project has two components: 1) the required CYC 558 Applied Research Seminar, that is the first stage of proposal writing and ethics review (1.5 units) and 2) the project development, final text and oral defence (4.5 units).

Oral Examination

Students are required to pass an oral examination at the end of their project.

Program Length

The maximum time limit for the MA Program is 5 years. It is expected that full-time students will complete their programs in less than 3 years.

PhD Program

The focus of the PhD program is the preparation of graduates who will play key leadership roles at provincial, national, and international levels in the broad field of Child and Youth Care. Through research and knowledge development, and with a particular emphasis on the scholarship of practice, graduates will influence teaching, research, policy, practice, program development, and evaluation.

The School of Child and Youth Care is also committed to addressing issues related to communities or populations that have been historically oppressed or marginalized. The courses address theoretical and practical foundations for working within and across cultures.

The program of study consists of a total of 30 units. PhD program students will be expected to take a minimum of 7.5 units of core courses, with additional course work if necessary as determined by their committees. The remaining units will consist of at least 3 units of elective courses, 3 units of Candidacy Examinations, and a dissertation normally worth 16.5 units.

Course Requirements

CYC 641 (3.0)  Generating Knowledge in Child and Youth Care
CYC 643 (1.5)  Qualitative Research in Child and Youth Care
CYC 645 (1.5)  Quantitative Research in Child and Youth Care
CYC 671 (1.5)  Social and Cultural Contexts of Child and Youth Care Policy, Practice, Research and Pedagogy
CYC 693 (3.0)  Candidacy Examinations
CYC 699 (16.5)  Dissertation

Program Electives

CYC 564 (1.5)  Special Topics in Child and Youth Care Research
CYC 568 (1.5)  Program Evaluation and Policy in Child and Youth Care
CYC 569 (1.5)  Human and Organizational Change
CYC 571 (1.5)  Youth Substance Use: Perspectives on Theory, Research and Practice
CYC 580 (1.5)  Child and Youth Care in the Context of International Development
CYC 582 (1.5)  Children's Survival, Health, and Development in Ecocultural Context
CYC 680 (1.5 or 3.0)  Doctoral Seminar in Child and Youth Care
CYC 682A (1.5)  Internship in Child and Youth Care Research
CYC 682B (1.5)  Practice Internship in Child and Youth Care

Other Requirements

Students will normally be in residence while taking core courses.

Candidacy

Students will be expected to complete two candidacy papers (one focused on the substantive area of interest including related theories, and the other on methodology related to their area and topic of interest) and an oral examination before qualifying to undertake PhD research and a dissertation. Within thirty-six months of registration as a provisional doctoral student and at least six months before the final oral examination, a student must pass a candidacy examination.

PhD Proposal

Following the successful completion of candidacies, the doctoral student will produce a research proposal. The student will be expected to outline his/her research proposal and answer questions from his/her supervisory committee as part of the approval process. The committee members will then indicate by signature their support and approval of the proposed research on the proposal and the student will proceed to the ethics review process (as appropriate) and subsequent research.

Dissertation

The doctoral dissertation must be original work and constitute a significant contribution to knowledge in the candidate’s field of study. It should contain evidence of broad knowledge of the relevant literature, and should demonstrate a critical understanding of the works of scholars closely related to the subject of the dissertation. Material in the dissertation should, in the opinion of scholars in the field, merit publication.

Oral Examination

Students are required to pass an oral examination at the end of their dissertation.

Program Length

The maximum time limit for the PhD Program is 7 years. It is expected that full-time students will complete in less than 5 years.
Graduate Diploma in International Child and Youth Care for Development

The School has responded to the child and youth care needs of developing countries by creating a culturally and contextually appropriate graduate diploma program designed to advance country-identified development priorities. The program consists of six 500-level courses that form part of the School’s Master’s degree program (CYC 541, CYC 545, CYC 547, CYC 549, and two CYC 590 courses). This program is available only through specific country partnerships. Successful completion of these six courses does not automatically count towards a Master’s degree from the School, as admissions to the School’s Master’s degree program is through a separate admissions process.

CO-OPERATIVE EDUCATION

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time paid employment). Students require permission from their academic adviser and the Co-op co-ordinator, to participate in the Co-op program. Interested students should contact the Co-op office (located in HSD A366) early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Civil Engineering

GENERAL INFORMATION

The Department of Civil Engineering offers graduate programs leading to the degrees Master of Applied Science (MASc) and Doctor of Philosophy (PhD). Research areas include advanced materials for structures, structural health monitoring, plastic shrinkage of concrete, innovative construction technologies, groundwater sustainability, mega-scale groundwater systems, groundwater recharge and discharge, fluid flow and geologic structures, energy efficient buildings, high performance thermal insulations, building envelopes, wood-frame construction, water resources, pollutant dispersion in rivers and nearshore regions, low impact development. Further information about the Department of Civil Engineering, Adjunct and Limited Term faculty and their research interests can be found on the department’s web page at <www.uvic.ca/engineering/civil/).

All students should note that they are responsible for making themselves familiar with the general Calendar regulations of the Faculty of Graduate Studies. If unsure about any aspect of the Faculty regulations, students should contact the Graduate Admissions and Records Office. Students are also responsible for ensuring the completeness and accuracy of their registration.

Contact Information

Department of Civil Engineering
Location: Engineering Office Wing (EOW), Room 548
Mailing Address: PO Box 1700 STN CSC Victoria, BC V8W 2Y2 Canada
Courier Address: 3800 Finnerty Road EOW Building, Room 548 Victoria, BC V8W 3P6 Canada
Telephone Number: 250-721-8896 Fax Number: 250-721-6051

Email: civesec@uvic.ca Website: <www.uvic.ca/engineering/civil>
Chair: Christopher Kennedy Email: cakennd@uvic.ca Phone: 250-472-4463
Graduate Advisor: TBA Graduate Secretary: TBA

Degrees and Specializations Offered

MASc and PhD in Civil Engineering.

Financial Support

Normally MASc and PhD students are provided with financial support from faculty research funds for the first year. Subject to satisfactory performance and the availability of funding, financial support may be renewed. Graduate support can also be provided through various sources such as teaching assistantships, University of Victoria Fellowships and NSERC Postgraduate Scholarships (PGS). Refer to the Faculty of Graduate Studies website at <www.uvic.ca/graduatestudies/finances> for additional funding information. All eligible students are encouraged to apply for funding from provincial, federal and external sources.

ADMISSION REQUIREMENTS

Admission requirements for the program will meet or exceed the requirements of the Faculty of Graduate Studies. Details particular to this Program are summarized below.

Applicants for admission whose first language is not English must meet the English Competency Requirement as specified by the Faculty of Graduate Studies. The minimum acceptable TOEFL (Test of English as a Foreign Language) score for the Civil Engineering Program will be 575 on the paper-based test or 90 on the Internet-based test (the minimum score for each section is Writing: 20; Speaking: 20; Reading: 20; Listening: 20). A minimum acceptable IELTS score will be 6.5. Even with passing TOEFL/IELTS scores, students may be required to take English language courses in addition to their other course work.

The admissions selection process will be competitive. Not all students who meet the minimum requirements will be admitted. It is expected that around 15 students will be admitted to the program each year. Online applications will be submitted by following the links from <www.uvic.ca/graduatestudies/admissions>. The Graduate Admissions and Records Office is the official depository for all applicant documentation. Additional information about graduate studies in the Program will be made available at: <www.uvic.ca/engineering/civil/).

Admission to the Master of Applied Science (MASc) Program

Applicants will normally hold an undergraduate degree in Civil Engineering. The minimum requirement for admission to the MASc will be B+ (grade point average of 6.0 respectively on the University of Victoria scale of 9.0) for the last two years of university work.

Admission to the Doctor of Philosophy (PhD) Program

The minimum requirement for admission to the doctoral program will be a master’s degree in science or engineering. In exceptional cases, a student registered for a master’s degree may be allowed to transfer to the doctoral program without completing the master’s program.

Deadlines

Entry points to the program will be September, January and May.

PROGRAM REQUIREMENTS

The supervisory committee, in consultation with the student, will determine the program of study for each student. The supervisory committee may decide that additional course work is required.
Required course work will be subject to the approval of the department.

Master of Applied Science (MASc)

The work leading to the degree of MASc will provide an opportunity for the student to pursue advanced studies and to carry out research or undertake creative design in a field of civil engineering under the supervision of a member of the department’s graduate faculty.

Course Requirements

The program will consist of a minimum of 16.5 units, normally with not less than 6 units of graduate course work, a 1.5 unit seminar, and a thesis (CIVE 599). Required course work will be subject to the approval of the department.

Other Requirements

The program will allow for a maximum of two Directed Studies courses (CIVE 590), of which only one may be directly related to the thesis topic. The program of study will be determined by the supervisory committee in consultation with the student. The supervisory committee may decide that additional course work is required. All MASc students will be required to give a seminar (CIVE 595) on their thesis research during the second year of the program. Normally, students will register in CIVE 595 until program completion. The seminar will have a unit value of 1.5. Students must attend a minimum of two-thirds of the seminar series.

Thesis

The thesis (CIVE 599) for the MASc program will be equivalent to 9 units. The topic of the thesis will be subject to the approval of the department.

Oral Examination

MASc students will be required to defend their completed thesis in a final oral examination which is open to the public.

Program Length

The program length is determined by the Faculty of Graduate Studies. Civil Engineering MASc students are expected to complete program requirements within 24 months except for co-op students. Normally, financial support will not be continued beyond this time limit.

Doctor of Philosophy (PhD)

The objective of the PhD program is the accomplishment of independent and original research work leading to significant advancement of knowledge in the field of civil engineering. All PhD students will be under the supervision of a member of the department’s graduate faculty.

Course Requirements

The program for a student with a master’s degree will be a minimum of 37.5 units, normally with not less than 3 units of approved course work, a 1.5 unit seminar, a 3.0 unit candidacy examination and a dissertation (CIVE 699). The approved course work must include CIVE 601 (1.5 units) which must be taken before the candidacy exam. A student transferring from a master’s program to the doctoral program will be required to complete a program of at least 45 units. This program includes a minimum of 10.5 units of approved courses, (including CIVE 601), a 1.5 unit seminar, a 3.0 unit candidacy examination, and a dissertation (CIVE 699). For those students transferring from a master’s program, credit will normally be given for courses already completed. Required course work will be subject to the approval of the department.

Comprehensive Exams

The comprehensive exam will be a combination of written and oral examination that will be conducted in conjunction with the candidacy exam.

Candidacy

Within 24 months of registration and successful completion of CIVE 601, a PhD student must submit a written dissertation research proposal, defining the research topic, the goals of the research and the methodology to be used. The PhD student is required to pass an oral candidacy exam before their supervisory committee. The PhD student must register in CIVE 693 (3.0 units) from the beginning of the PhD program until the candidacy examination is successfully completed. CIVE 693 is a prerequisite for CIVE 699. During the candidacy examination, the supervisory committee will question the candidate to determine whether the candidate has the appropriate background knowledge and skills to undertake the proposed dissertation project, and whether the project is likely to lead to results suitable for a PhD dissertation.

Other Requirements

The program of study will be determined by the supervisory committee in consultation with the student. The supervisory committee may decide that additional course work is required. The program allows for a maximum of one Directed Studies course (CIVE 590). All PhD students will be required to give two seminars (CIVE 695) on their research within 20 months and 34 months of registration. Normally, students will register in CIVE 695 until program completion. The seminars have a total unit value of 1.5. Students must attend a minimum of two-thirds of the seminar series.

Dissertation

The dissertation (CIVE 699) for the PhD program will be equivalent to 30 units. The topic of the dissertation is subject to the approval of the department.

Oral Examination

PhD candidates will be required to defend their completed dissertation in a final oral examination which is open to the public.

Program Length

The program length is determined by the Faculty of Graduate Studies. Civil Engineering PhD students are expected to complete program requirements within 48 months. Normally, financial support will not be continued beyond this time limit.

Co-operative Option

Participation in the Co-operative Education program, which enables students to acquire knowledge, practical skills and workplace experience, is optional for full-time Master’s and PhD students. Graduation with a co-operative education designation requires master’s students to complete two work terms and PhD students to complete three (a work term consists of four months of full time, paid employment). Students require permission from their academic supervisor and the Co-op coordinator to participate in the Co-op program. Interested students should contact the Engineering and Computer Science/Math Co-op office during their first year. Students should also consult “Co-operative Education”.

Community Development

General Information

Contact Information

School of Public Administration
GRADUATE PROGRAMS

Location: Human and Social Development Building, Room A302
Mailing Address:
School of Public Administration
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada

Courier Address:
3rd floor, Room A302
School of Public Administration
Human & Social Development Building
University of Victoria
3800 Finnerty Road (Ring Road)
Victoria, BC V8P 5C2
Canada

Telephone Number: 250-721-8074
Fax Number: 250-721-8849
E-mail: macd@uvic.ca
Website: <publicadmin.uvic.ca/macd>
Director: Lindsay Tedds
Email: padirect@uvic.ca
Phone: 250-721-8084
Graduate Coordinator: Lynne Siemens
Email: tvakil@uvic.ca /siemensl@uvic.ca
Phone: 250-721-8069
Program Manager: Wendy Swan
E-mail: cdadmin@uvic.ca
Phone: 250-721-8082
Administrative Assistant: Tara Da Silva
Email: macd@uvic.ca
Phone: 250-721-8084

Facility Members and Areas of Research

Catherine Althaus-Kaefer, PhD (Griffith University), Associate Professor
Political risk calculation, public sector leadership, policy-making processes, religion and politics

Herman Bakvis, PhD (UBC), Professor
Intergovernmental relations, government structure and organization, political parties and interest groups

Emmanuel Brunet-Jailly, PhD (U Western Ontario), Associate Professor
Local government and politics, cross-border regions, comparative urban politics.

J. Barton Cunningham, PhD (Southern California), Professor
Quality of working life, organizational theory, decision making, stress and motivation, human research management.

Lynda Gagné, PhD (UBC), Assistant Professor
Child care policy, children outcomes, social programs, applied econometrics and microeconomics

David Good, PhD (California, Berkeley), Professor
Public sector reform, budgetary and policy-making process; social policy

Budd Hall, PhD (UCLA), Professor
International community development, community-university engagement, social movements

John Langford, PhD (McGill), Professor Emeritus
Canadian politics and government, machinery of government, administrative ethics

Evert A. Lindquist, PhD (California, Berkeley), Director of the School of Public Administration and Professor
Machinery of government and policy-making, policy communities and networks, the role of think tanks

James N. MacGregor, PhD (Victoria), Professor
Organizational behaviour, human information processing

Richard T. Marcy, PhD (Oklahoma), Assistant Professor
Public sector leadership, leadership development, adaptation and cognition in organizations, management of meaning in organizations

James C. McDavid, PhD (Indiana), Professor
Program evaluation, performance management, local government service delivery

Tara L. Ney, PhD (Southampton), Associate Professor
Conflict-related impact of policy, discourse theory and conflict, war-affected children, family law policy, health care policy processes, restorative justice

Lynne Siemens, PhD (Hertfordshire), Associate Professor
Community development; entrepreneurship and small business; rural economic development; government and business relations; organizational behaviour; academic team development

Kimberly Speers, PhD (Alberta), Assistant Teaching Professor
Policy analysis and public policy; government relations and management consulting; performance measurement and planning

Lindsay Tedds, PhD (McMaster), Associate Professor
Underground economy; tax non-compliance; economics of taxation; public economics; time use; timing of stock option awards; applied econometrics

Thea Vakil, PhD (Victoria), Associate Director of the School of Public Administration and Associate Professor
Design and maintenance of organizations; structure and functioning of government and the non-profit sector; principles and values in public administration

Rebecca N. Warburton, PhD (London), Associate Professor
Health economics, economic evaluation, evidence-based management

Adjunct Faculty Appointments

Oliver Brandes, LLB (UVic), Adjunct Professor
Leslie Brown, BSW (Regina), MPA, PhD (UVic), Adjunct Professor
John L. Fryer, BSc (London), MA (Pitt), Adjunct Professor
Laurie Jackson, BSc, MEd (UofA), PhD (UVic), Adjunct Professor
Harvey Lazar, BSc (McGill), MA (UBC), PhD (LSE), Adjunct Professor
Michelle LeBaron, MA (SFU), LLB (UBC), Adjunct Professor
Catherine Morris, JD (UofA), LLM (UBC), Adjunct Professor
Victor Murray, BA (Manitoba), MA (Minn), PhD (Cornell), Adjunct Professor
Gordon Smith, PhD (MIT), Adjunct Professor
Jo-Anne Stolz, PhD (UVic), Adjunct Professor
Barry Cairn, BA (McGill), PhD (Brown), Adjunct Associate Professor
Ryan Compton, PhD (Washington U, St. Louis), Adjunct Associate Professor
Evelyn (Lyn) Davis, PhD (Florida State), Adjunct Associate Professor
Sharon Manson Singer, PhD (Brandeis), Adjunct Associate Professor
Dale Wall, BA (SFU), MPA (UVic), Adjunct Associate Professor
Michelle Brady, BA (Honours) (Murdoch), PhD (UofA), Adjunct Assistant Professor
Tracy Byrne, PhD (Glasgow), Adjunct Assistant Professor
Peter R. Elson, PhD (UofT), Adjunct Assistant Professor
Alison M. Habkir, BA (UVic), MA (UBC), MPA (UVic), Adjunct Assistant Professor
**Yvonne Harrison, PhD (UVic), Adjunct Assistant Professor**

**Sabine Lehr, BA (Open University), MBA (London), PhD (UVic), Adjunct Assistant Professor**

**Gordon McIntosh, PhD (UVic) Adjunct Assistant Professor**

**Brant Popp, MPA (UVic), Adjunct Assistant Professor**

**Carol-Anne RolT, MA (UofA), MPP (California, Berkeley), Adjunct Assistant Professor**

**Diana M. Smith, BSc (UofA), MPA (Carleton), Adjunct Assistant Professor**

**Sam Weller, CA, MBA, Adjunct Assistant Professor**

**Degree Offered**

**Master of Arts (MA).**

**Financial Support**

The University of Victoria funds a limited number of Graduate awards for full-time study. All students admitted to the Master of Arts in Community Development program are automatically considered for this financial support.

**ADMISSION REQUIREMENTS**

Applicants should have, or be about to receive, a bachelor’s degree in any discipline. Ideally, applicants should have an average of B or better for the final two years of study. They must also have a minimum of four years of professional experience, paid or volunteer, in the community development sector. International students should refer to the Faculty of Graduate Studies’ international admission requirements. Applicants who do not possess a Canadian undergraduate degree will be required to write and submit official results of the Graduate Management Admission Test (GMAT). International students whose first language is not English are required to provide valid test results for the Test of English as a Foreign Language (TOEFL). The minimum score for the TOEFL is 610 on the paper-based test and 102 on the Internet-based test.

Applicants without a B average may be admitted as mature students, provided they have an undergraduate degree and have had four years of relevant professional experience since the completion of their degree. Complete résumés are required to determine the eligibility of mature students for admission, which must be approved by the Dean of Graduate Studies.

In addition to documents required by the Faculty of Graduate Studies, the program requires each applicant to submit the following:

- a detailed résumé of background information, professional or other relevant experience
- two academic or professional references from individuals who can provide a candid assessment of the applicant’s abilities and
- a 750–1000 word statement of intent outlining why they are seeking an MA in Community Development and how the degree relates to their career plans, personal values and goals.

Students will be admitted on the basis of admission requirements established by the Faculty of Graduate Studies and on guidelines established by the Admissions Committee regarding previous academic and work experience relevant to the field of community development. Initial inquiries should be addressed to the Administrative Assistant, MACD Program.

Applications should be sent to the Graduate Admissions and Records Office.

**Deadlines**

September 30 for Domestic and International applicants.

**PROGRAM REQUIREMENTS**

The program consists of 19.5 units of study, including 4.5 units for the Master’s Project (CD 596/598). Students are required to attend a two-week summer residency in the first and fourth terms and a one-week summer residency in the seventh term. The remaining courses are completed online.

Given the cohort nature of the program, students must complete each term successfully before proceeding further through the program.

**Course Requirements**

Course requirements consist of 9 core courses and one elective.

- **Core Courses:** CD 501, 504, 505, 506, 510, 512, 524, 525, 526
- **Elective Courses:** Subject to availability, choice of one elective from CD 507, 508, 509, 519, 521, 522, 523, 590 as well as courses in related fields of study offered by the School of Public Administration or by other departments, with permission of the Graduate Adviser.

- **Final Requirement:** Beginning during their first summer residency, students will work on a Master’s Project (CD 596/598) addressing a management, policy or program problem for a client in the community development sector.

**Program Length**

The program begins each May, operates year round and can be completed in 2.25 years.

**Master of Arts in Community Development**

**First Summer: On-Campus and Online Courses**

- **CD 501 (1.5)** Anchoring a Change Agenda: Foundations
- **CD 524 (1.5)** Leadership and Organizational Development for Communities

Residency Workshop: On campus

**First Fall: Online**

- **CD 504 (1.5)** Practices and Perspectives on Forging Change
- **CD 505 (1.5)** Community Based Research: Foundations

**First Spring: Online**

- **CD 506 (1.5)** Enterprise Development for Community Benefit

**Second Summer: On-Campus and Online Courses**

- **CD 510 (1.5)** Leadership, Management and Governance within Organizations
- **CD 525 (1.5)** Managing Organizations, Systems and Community Transformations

Residency Workshop: On campus

**Second Fall: Online**

- **CD 512 (1.5)** Program/Project Design, Management and Evaluation

**Second Spring: Online**

Choice of one elective

**Third Summer: On-Campus and Online Courses**

- **CD 526 (1.5)** Agenda for Social Change: Moving Forward
- **CD 596/598 (4.5)** Master’s Project

Residency Workshop: On campus

Program requirements for students admitted prior to May 2014 will remain as detailed in previous calendars.
Master’s Project

The Master’s Project (CD 596/598) requires students to complete a major project for a community development client, in consultation with an academic supervisor. The project is expected to be a substantial analysis of an organizational issue, policy issue, or other relevant topic approved by the Graduate Coordinator. A written project report will be prepared and submitted to an oral examination committee.

Guidelines for Professional Conduct

The School of Public Administration expects graduate students to exhibit professional conduct according to the following guidelines:

- submission of oneself to the professional codes of conduct associated with one’s employment and/or professional membership(s);
- exercise of personal discipline, accountability, and judgement;
- acceptance of personal responsibility for continued competency and learning, including the capacity to be a reflective practitioner;
- willingness to serve the public;
- demonstrated ability to recognize the dignity and worth of all persons;
- willingness to assist others in their learning;
- ability to recognize and work with one’s own limitations;
- maintenance of the confidentiality of information, including all electronic communication, appropriate to the purposes and trust given when that information was acquired;
- acceptance that one’s professional abilities, personal integrity, and the attitudes one demonstrates in relationships with other persons are measures of professional conduct.

Oral Examination

Required for the Master’s project (CD 596/598).

Faculty Members and Areas of Research

Mantis H. M. Cheng, PhD (Waterloo)
- Distributed real time systems, embedded systems, theory of concurrency

Yvonne Coady, PhD (British Columbia)
- Aspect-oriented software development, scalable system infrastructures, distributed virtualization

Daniela E. Damian, PhD (Calgary)
- Software engineering, requirements engineering, computer-supported collaborative work, human-computer interaction, global software development

Alona Fyshe, PhD (Carnegie Mellon)
- Machine learning, natural language processing, computational linguistics, neuroscience

Sudhakar N.M. Ganti, PhD (Ottawa)
- Trends in data networking, traffic management, quality of service, protocols, routing, traffic engineering, network design, switching architectures, optical networks, performance evaluation, queueing theory

Daniel M. German, PhD (Waterloo)
- Software engineering, software evolution, open source software development, and intellectual property

Daniel M. Hoffman, PhD (N Carolina, Chapel Hill)
- Software engineering, emphasizing tools for automated testing of network protocols and firewalls

Bruce Kapron, PhD (Toronto)
- Logic in computer science, cryptography, foundations of security, verification, computational complexity

Valerie King, PhD (Calif, Berkeley)
- Graph algorithms and data structures, randomized algorithms and probabilistic analysis, concrete complexity, applications to computational biology and networks

D. Michael Miller, PhD (Manitoba)
- Decision diagrams, reversible and quantum logic, multiple valued logic, design for testability, computer aided design for VLSI systems

Hans (Hausi) A. Müller, PhD (Rice)
- Software engineering, software evolution, autonomic computing, adoption-centric software engineering, software architecture, software reverse engineering, software reengineering, program...
understanding, visualization, and software engineering tool evaluation

Wendy Myrvold, PhD (Waterloo)
Graph theory, graph algorithms, network reliability, embedding graphs on surfaces, Latin squares, combinatorial algorithms

Jianping Pan, PhD (Southeast, Nanjing)
Protocols for advanced networking, performance analysis of networked systems, applied network security

Frank Ruskey, PhD (Calif, San Diego)
Combinatorial algorithms

Venkatesh Srinivasan, PhD (India)
Theory of computation, computational complexity theory

Ulrike Stege, PhD (ETH Zurich)
Computational biology, parameterized complexity, design of heuristics, graph theory, and cognitive psychology

Margaret-Anne Storey, PhD (Simon Fraser)
Software engineering, human-computer interaction, information visualization, social informatics, knowledge management and computer-supported collaborative work

Andrea Tagliasacchi, PhD (Simon Fraser)
Computer graphics, geometry processing, real-time computer vision and its applications to augmented reality

Alex Thomo, PhD (Montreal)
Database and knowledge-base systems (especially new data-models for the web and query processing for such models), graph theory, formal languages and their application to databases

George Tzanetakis, PhD (Princeton)
Audio signal processing, computer music, machine learning, human computer interaction

Jens H. Weber, Dr. rer.nat (Paderborn)
Software engineering, data and knowledge engineering, health informatics, graph transformation systems, reengineering

Kui Wu, PhD (Alberta)
Computer networks, wireless and mobile networking, mobile computing, network security

Brian Wyvill, PhD (Bradford)
Computer graphics, solid modelling, implicit modelling, non-photorealistic rendering, sketch-based modelling

Emeritus Faculty

John A. Ellis, PhD (Northwestern)
Theoretical computer science, computational complexity, algorithms

R. Nigel Horspool, PhD (Toronto)
Compilers, virtual machines, programming language implementation, object-oriented programming

Eric G. Manning, PhD (Illinois)
Computer networks, distributed computing, QoS for multimedia

Jan C. Muzio, PhD (Nottingham)
VLSI design and test, fault tolerant computing, design for testability, built-in self-test, multiple valued systems

D. Dale Olesky, PhD (Toronto)
Linear algebra (especially matrix theory and combinatorial matrix analysis), numerical linear algebra, graph theory

Frank D. K. Roberts, PhD (Liverpool)
Numerical analysis, approximation theory

Micaela Serra, PhD (Victoria)
Hardware/software co-design, VLSI design and test

Gholamali C. Shoja, DPhil (Sussex)
Computer communications and networks, multimedia systems, distributed and real-time systems

Maarten van Emden, PhD (Amsterdam)
Constraint processing in engineering computations, operations research, programming methods and languages

William W. Wadge, PhD (Calif, Berkeley)
Logic, semantics, programming languages, dataflow computation, artificial intelligence

Sue Whitesides, PhD (Wisconsin)
Algorithms, discrete and computational geometry, motion planning, discrete mathematics

Adjunct and Cross-Listed Appointments

Ian Barndale, PhD (Liverpool)
Scientific programming applications, numerical analysis, operations research, object-relational database applications

Alexandra Branzan Albu, PhD (Bucharest)
Computer vision, pattern recognition, image processing, human-computer interaction

Peter F. Driessen, PhD (British Columbia)
Audio and video signal processing, computer music, sound recording, wireless communications, radio propagation

Brian Gaines, PhD (Cambridge)
Modeling the socioeconomic infrastructure of information technology, human-computer interaction, cognitive psychology, systems theory

David G. Goodenough, PhD (Toronto)
Remote sensing, software engineering, scientific visualization, artificial intelligence, grid computing, hyperspectral analysis, Kyoto carbon systems

Maia Hoeberechts, PhD (Western Ontario)
Ocean science technology

Dimitrios Marinakis, PhD (McGill)
Sensor networks

Patrick McGee, PhD (Calif, Berkeley)
Distributed systems and computer networking

Brian Wyvill, PhD (Bradford)
Computer graphics, solid modelling, implicit modelling, non-photorealistic rendering, sketch-based modelling

Maarten van Emden, PhD (Amsterdam)
Constraint processing in engineering computations, operations research, programming methods and languages

William W. Wadge, PhD (Calif, Berkeley)
Logic, semantics, programming languages, dataflow computation, artificial intelligence

Sue Whitesides, PhD (Wisconsin)
Algorithms, discrete and computational geometry, motion planning, discrete mathematics

Adjunct and Cross-Listed Appointments

Ian Barndale, PhD (Liverpool)
Scientific programming applications, numerical analysis, operations research, object-relational database applications

Alexandra Branzan Albu, PhD (Bucharest)
Computer vision, pattern recognition, image processing, human-computer interaction

Peter F. Driessen, PhD (British Columbia)
Audio and video signal processing, computer music, sound recording, wireless communications, radio propagation

Brian Gaines, PhD (Cambridge)
Modeling the socioeconomic infrastructure of information technology, human-computer interaction, cognitive psychology, systems theory

David G. Goodenough, PhD (Toronto)
Remote sensing, software engineering, scientific visualization, artificial intelligence, grid computing, hyperspectral analysis, Kyoto carbon systems

Maia Hoeberechts, PhD (Western Ontario)
Ocean science technology

Dimitrios Marinakis, PhD (McGill)
Sensor networks

Patrick McGee, PhD (Calif, Berkeley)
Distributed systems and computer networking

Morin Price, CCFP (British Columbia)
Informatics, health system improvements

W. Andrew Schloss, PhD (Stanford)
Electronic and computer music, musical acoustics, ethnomusicology

Pauline van den Driessche, PhD (Wales)
Mathematical models in biology, combinatorial matrix analysis

Degrees and Specializations Offered

The Department of Computer Science offers graduate programs leading to the degree of Master of Science (MSc) in Computer Science, a double-degree MBA+MSc in Computer Science or a degree of Doctor of Philosophy (PhD) in Computer Science. The department also participates in the Co-operative Education program. Faculty members in the department are pursuing research in areas/groups that include Software Engineering, Software Systems, Theory of Computing, Combinatorial Algorithms, Programming Languages, Parallel, Networked and Distributed Computing, Functional and Logic Programming, VLSI Design and Test, Human Computer Interaction, Numerical Analysis, Visualization, Graphics, and Databases.

Facilities

The department offers its graduate students a range of facilities to support study and research as well as access to office space.

Financial Support

The department believes that adequate financial support of graduate students is a crucial factor in contributing to their overall success. For this reason, we normally accept graduate students only if they can be
guaranteed support during their studies. This support comes from four main sources: scholarships, research grants, teaching assistantships, and salaries paid by employers of part-time or Co-op students.

If you are a Canadian citizen or a permanent resident of Canada, you should consider applying for an NSERC (The Natural Sciences and Engineering Research Council of Canada) post-graduate fellowship. Details are available from us, your local University or the NSERC website. Incoming students who hold NSERC post-graduate awards are awarded the President’s Research Scholarship. (Note: Canada Graduate Scholarship Award holders - doctoral level are not eligible to receive the President’s Research Scholarship.)

The University of Victoria awards a limited number of fellowships each year. These fellowships are for one year for MSc students. Fellowships for PhD students are renewable for one year subject to their achieving first-class results (A-) on courses and a recommendation from the department. These fellowships are awarded mainly on the basis of academic excellence to those applicants who apply for a September entry point or who were admitted at the May entry point. Fellowship holders may apply for up to 120 hours of TA employment for the first two years of their Master’s program, or for the first 4 years of their PhD program. In addition, we typically give research grant support at both the Master’s and PhD levels to fellowship holders.

If you do not receive a fellowship, or other scholarship support, you may normally expect support consisting of up to 240 hours of TA employment in the first two years of your Master’s program, or in the first four years of your PhD program. You may also receive research grant support (or some alternative source funding).

Separate application forms are not required for the minimum support level funding described in the previous paragraph for University of Victoria Fellowships, or for other supplementary grants.

All these sources of financial support are renewable annually, dependent upon satisfactory performance and the availability of funds. Please note that you will be responsible for all tuition and ancillary fees associated with your program including textbooks.

Detailed information on graduate student support may be obtained from the Computer Science website at <www.csc.uvic.ca>.

Admission Requirements

General

Initial inquiries regarding graduate studies in Computer Science should be addressed to the Graduate Secretary, Department of Computer Science. The Faculty of Graduate Studies’ website contains information on how applicants will upload and submit supporting documents to their online application. The application and supporting documents are first evaluated by the Graduate Admissions and Records Office: <www.uvic.ca/graduatestudies>.

Applicants for admission whose first language is not English must meet the English Competency Requirement as specified by the Faculty of Graduate Studies. The minimum acceptable TOEFL (Test of English as a Foreign Language) score for the Department of Computer Science is 575 on the paper-based test or an overall score of 90 on the Internet-based test (the minimum score for each section is: Writing: 20; Speaking: 20; Reading: 20; Listening: 20). An overall score of at least Band 6.5 with no score of less than 6.0 on each academic component of the IELTS will be accepted. Even with passing TOEFL/IELTS scores, students may be required to take English language courses in addition to their other course work. The GRE (Graduate Records Examination) test is highly recommended.

Individuals interested in the Co-operative Master’s degree or Co-operative PhD degree should contact the Computer Science/Math Co-op Office for details about these programs.

Admission To Master’s Programs

Applicants for a Master’s Program should have a Major or Honours undergraduate degree in Computer Science/Computer Engineering/Software Engineering (or equivalent) OR a Major or Honours degree in Mathematics with an emphasis on Computer Science. A minimum of B+ (6.0) is required for courses taken in the last two years. A student who does not have such a degree may be admitted to the program but normally will be required to complete additional makeup courses. In doing so, the student must obtain a grade of at least B (5.0) in each makeup course, and an average B+ (6.0) overall in the makeup courses. Mature students are advised to consult the Faculty regulations regarding admittance. Final decisions on admissions are made by potential supervisors.

Admission to the PhD Program

PhD applicants must normally have completed a master’s degree in Computer Science, or the equivalent, with a first class standing. Final decisions on admissions are made by potential supervisors.

Deadlines

Applications may be submitted at any time, and students may opt to commence in any of the three terms (namely, September, January or May). However, it should be noted that most of our programs are geared toward those who start in September, and not all courses and support facilities are fully available at other times. We offer full-time, part-time and Co-op options for studies in Computer Science.

Domestic Application Deadlines

- September entry: deadline of January 15
- January entry: deadline of October 31
- May entry: deadline of January 15

International Deadlines*

- September entry: deadline of January 15
- January entry: deadline of April 15
- May entry: deadline of September 15

*Primarily for VISA applicants and permanent residents whose most recent transcripts are coming from an overseas institution.

Program Requirements

The program of study for each student is determined by the student’s supervisory committee in consultation with the student. Normally, each graduate student is required to work as a teaching and/or research assistant as part of their program.

Thesis-based Master’s

Course Requirements

The Master’s Program consists of a minimum of 15 units, which include course work, a Research Skills course (CSC 595) and a Master’s thesis (CSC 599). All courses are valued at 1.5 units. At least 12 units of the program must be at the 500 level or higher. The remaining units must be at the 400 level or higher. A typical program would include: CSC 595 (1.5 units); three courses at the 500 level (4.5 units); two courses at the 400 or 500 level (3.0 units); and the Master’s thesis, CSC 599 (6.0 units). Each student must satisfy the MSc Breadth Requirements as specified in the department MSc Regulations at <www.csc.uvic.ca/grad>.

Oral Examination

The Master’s thesis must be defended in an oral examination.

Program Length

The department expects students to complete their Master’s degree within the time limits set by the Faculty of Graduate Studies. Most students complete their program within two years. Students enrolled in a co-operative education program will have additional months added to
the normal completion times equal to the time spent on Co-op work terms.

**Project-based Master’s**

**Course Requirements**

Students may register for a Master’s project (CSC 598), valued at 3 units, instead of a thesis. The Master’s Program still consists of a minimum of 15 units, which include course work, a Research Skills course (CSC 595) and a Master’s project (CSC 598). All courses are valued at 1.5 units. At least 12 units of the program must be at the 500 level or higher. The remaining units must be at the 400 level or higher. A typical program would include: CSC 595 (1.5 units); five courses at the 500 level (7.5 units); two courses at the 400 or 500 level (3.0 units); and the Master’s project, CSC 598 (3.0 units). Each student must satisfy the MSc Breadth Requirements, as specified in the department MSc Regulations at <www.csc.uvic.ca/grad>.

**Final Examination**

A student who chooses the project option will also have an oral examination. This examination will cover the project as well as material from three courses chosen by the student’s supervisory committee in consultation with the student.

**Program Length**

The department expects students to complete their Master’s degree within the time limits set by the Faculty of Graduate Studies. Most students complete their program within three years. Students enrolled in a co-operative education program will have additional months added to the normal completion times equal to the time spent on Co-op work terms.

**Master’s – Industrial Option**

**Course Requirements**

Students may register for an Industrial project (CSC 597) valued at 1.5 units, instead of CSC 599 or CSC 598. This Master’s program option consists of a minimum of 15 units, which includes course work, as well as CSC 595 and CSC 597. All courses are valued at 1.5 units. At least 12 units of the program must be at the 500 level or higher. The remaining units must be at the 400 level or higher. A typical program would include: CSC 595 (1.5 units); six courses at the 500 level (9 units); two courses at the 400 or 500 level (3 units); and CSC 597 (1.5 units).

**Final Examination**

A student who chooses the industrial option will also have an oral examination. This examination will cover the project for CSC 597 as well as material from three courses chosen by the student’s supervisory committee in consultation with the student.

**Program Length**

The department expects students to complete their Master’s degree within the time limits set by the Faculty of Graduate Studies. Most students complete their program within three years. Students enrolled in a co-operative education program will have additional months added to the normal completion times equal to the time spent on Co-op work terms.

**PhD Program**

**Program Requirements**

For students entering with a master’s degree, the PhD program consists of a minimum of 43.5 units, which include four courses at the 500 level or higher, the Research Skills course (CSC 595), the PhD Candidacy (CSC 693), and a dissertation (CSC 699).

For students entering with a bachelor’s degree, the PhD program consists of a minimum of 49.5 units, which include eight courses, where at least six must be at the 500 level or higher and the rest at the 400 level or higher, as well as (CSC 595), the PhD Candidacy (CSC 693), and a dissertation (CSC 699).

The student, with the approval of the supervisor, can apply for having the seminar course CSC 595 waived if he/she has already taken an equivalent course.

Each student must satisfy the PhD Breadth Requirements as specified in the department PhD Regulations at <www.csc.uvic.ca>.

**Candidacy**

Each student must pass CSC 693 within two years of first registering as a provisional doctoral student and at least six months before the PhD dissertation is defended in an oral examination. A PhD student should be registered in CSC 693 from the start of the program. After passing CSC 693, a student should register in CSC 699. At any given time in the program, a PhD student should be registered in either CSC 693 or CSC 699, but not both. Details are specified in the department PhD Regulations at <www.csc.uvic.ca/grad>.

**Oral Examination**

The student will give an oral defence of his or her dissertation in accordance with the departmental and university regulations. Upon successful completion of the defence and all other departmental and university requirements, the student will be awarded the degree of Doctor of Philosophy.

**Program Length**

The department expects students to complete their PhD degree within the time limits set by the Faculty of Graduate Studies. Most students complete their program within three years. Students enrolled in a co-operative education program will have additional months added to the normal completion times equal to the time spent on Co-op work terms.

**Co-operative Education**

Participation in the Co-operative Education program, which enables students to acquire knowledge, practical skills and workplace experience, is optional for full-time Master’s and PhD students. Graduation with a co-operative education designation requires master’s students to complete two work terms and PhD students to complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic supervisor and the Co-op coordinator to participate in the Co-op program. Interested students should contact the Engineering and Computer Science/Math Co-op office during their first year. Students should also consult “Co-operative Education” on page 55.

**Cultural Heritage Management**

**General Information**

**Contact Information**

Cultural Heritage Management Program
Department of Art History and Visual Studies in cooperation with the Division of Continuing Studies
Location: Division of Continuing Studies Building, Room 343
Mailing Address: PO Box 1700, STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address: 3800 Finnerty Road
Continuing Studies Building, Room 343
Victoria, BC V8P 5C2
Canada
Telephone Number: 250-721-8457
Fax Number: 250-721-8774
To apply for concurrent Graduate Professional Certificate status while application deadlines for current students and new domestic and international students are posted on the program website.

As the starting date for the program may vary from year to year, application deadlines for current students and new domestic and international students are posted on the program website.

To apply for concurrent Graduate Professional Certificate status while enrolled in a graduate degree program, please assemble the following and submit, either online or by mail by the posted deadline, to Graduate Admissions and Records:

- an application to the Faculty of Graduate Studies specifying this program
- two Assessment Reports and, if you have worked, volunteered or done project work in the cultural heritage sector, one letter of reference from a workplace referee
- a professional resumé

*This program is currently under review and is not accepting applications at this time*

**PROGRAM REQUIREMENTS**

**Graduate Professional Certificate in Cultural Heritage Studies**

This program is designed to be completed on a part-time basis, to enable students to balance work or graduate study commitments. Students can focus on either a museum studies or heritage planning option by completing the following courses.

**Museum Option**

- Social Engagement (CH 561) ................................................. 1.5
- Curatorial Planning and Practices (CH 562) ...................... 1.5
- Visitor Experiences (CH 563) ........................................... 1.5

**Heritage Planning Option**

- Heritage Conservation in Context (CH 570) .......................... 1.5
- Determining Significance of Heritage Resources (CH 571) ................................................. 1.5
- Heritage Conservation Planning (CH 572) .......................... 1.5

**Elective**

The final 3.0 units are selected from the AHVS 488A-U or AHVS 489A-L series of courses, or from CH 560 Cultural Heritage Stewardship and Sustainability (1.5), CH 591 Practicum (1.5), CH 584 Topics in Cultural Heritage Management (1.5), CH 588 or 589 Special Studies (1.5). Students pursuing the museum studies specialization currently enrolled in the Diploma in Cultural Resource Management or the Professional Specialization Certificate in Cultural Resource Management may transfer 1.5 units of AHVS 488 or AHVS 489 credit to the Graduate Professional Certificate with the approval of the Program Adviser to satisfy the elective requirement. If they have completed AHVS 488B and AHVS 489B in their studies, they may request 3.0 units of transfer credit to replace CH 562 and satisfy the elective requirement.

Students pursuing the heritage planning specialization currently enrolled in the Diploma in Cultural Resource Management or the Professional Specialization Certificate in Heritage Conservation may request to transfer AHVS 489C, AHVS 489K, and/or AHVS 489L, to a maximum of 4.5 units to the Graduate Professional Certificate with the approval of the Program Adviser.
Faculty Members and Areas of Research

Tim Anderson, PhD (British Columbia)
- TESOL/Applied linguistics, Language socialization, Second-language writing, Chinese as an additional language, Internationalization of higher education, Case study as a research method

Deborah L. Begoray, PhD (British Columbia)
- Secondary English language arts, literacy, visual literacy and media, literacy and health

Donald L. Bergland, EdD (British Columbia)
- Digital arts and technology, 3D interactive environments, multimedia, digital graphics, audio production, technology and art, technos- ethnography, creativity, studio production

David W. Blades, PhD (Alberta)
- Theory and philosophy of science education curriculum, science education methodology, aesthetics in/of science education, ethics and curriculum development, curriculum history and theory, post-structuralism and curriculum change

Jillian Code, PhD (Simon Fraser)
- Teacher preparation elementary, teacher preparation secondary, applied research, educational psychology, twenty-first century learning, distributed e-learning, personal learning networks, online learning community development, educational technology

Michael J. Emme, EdD (British Columbia)
- Creative play strategies and collaborative research with children, children’s visual experience of school, art as self-directed therapy, artists collectives and community, photography as an art form, visual narrative forms in research including photovela as multimodal inquiry and expression, lens media and communication, visual and arts-based methodologies

Leslee G. Francis-Pelton, PhD (Brigham Young)
- Secondary mathematics methodologies, elementary mathematics methodologies, mathematics curriculum, assessment as/for/of learning in mathematics, development and use of iOS apps for learning mathematics

Wanda Hurren, PhD (British Columbia)
- Curriculum theory, arts-based research, aesthetics and knowing, social studies and geography education, notions of identity and place, post-structural perspectives, poetic representation in writing and research

Valerie M. Irvine, PhD (Alberta)
- Teacher preparation elementary, teacher preparation secondary, adult and lifelong learning, curriculum studies, applied research, twenty-first century learning, distributed e-learning, personalized learning networks, online learning community development, educational technology, theories of technology adoption

Graham P. McDonough, PhD (Toronto)
- Philosophy of education, moral education; dissent, religious education, Catholic education; religion/spirituality in schools; philosophy in high schools

Onowa McIvor, PhD (British Columbia)

Todd Milford, PhD (Victoria)
- Teacher preparation—elementary; science education, elementary; educational measurement, quantitative methods

James L. Nahachewsky, PhD (Alberta)
- Twenty-first century literacies, teacher education, curriculum theory, e-readers and reading processes

Sylvia J. Pantele, PhD (Alberta)
- Children’s and young adult literature, response to literature, literature-based literacy programs, language and literacy, visual literacy, multimodality

Timothy Pelton, PhD (Brigham Young)
- Mathematics education, applications of technology in education, assessment, development of educational apps

Monica Prendergast, PhD (Victoria)
- Theatre, teacher preparation elementary, curriculum studies, aesthetic philosophy, drama/theatre education (K-12, and post secondary), applied drama/theatre, curriculum studies/theory/philosophy, performance theory/performance studies, arts-based qualitative research methods

Anita Prest, PhD (British Columbia)
- Music education, rural education, social capital, place-based and place-conscious education, paraxial music education philosophy, critical pragmatism, integrating Indigenous knowledge and perspectives in music education

Jason Price, PhD (OISE)
- Teacher and educational leadership preparation, Indigenous/countercultural education, education for ecological restoration, education for the advancements of human rights and happiness, educational policy and governance, peace education, governance simulations and youth leadership

Helen Raptis, PhD (Victoria)
- Aboriginal education, applied research, social policy, gender, immigration/multiculturalism, native and aboriginal Canadians, race and ethnic relations, sociology, history

Theodore J. Riecken, EdD (British Columbia)
- Teacher preparation elementary, aboriginal education, curriculum studies, educational change and innovation, technology in education, participatory research

Carmen Rodriguez de France, PhD (Victoria)
- Indigenous education and culture, early childhood education, diversity, social justice, and anti-racist education, bilingualism and language development, internationalization

Patricia Rosborough, EdD (British Columbia)

Wolff-Michael Roth, PhD (Southern Mississippi)
- Workplace studies (aviation, software design), cultural-historical activity theory, conversation analysis, semiotics, gesture studies, applied cognitive science, phenomenology, human-computer interaction, interaction analysis, representation in scientific practice, discourse analysis, research methods (quantitative and qualitative)
Katherine J. Sanford, EdD (Alberta)
Teacher education, new literacies, learning through video games, gender and pedagogy, assessment, electronic portfolios, community-based engagement, museum and library education, qualitative research methodologies.

Jodi Streelakys, PhD (British Columbia)

Michelle Tanaka, PhD (Victoria)
Transformative inquiry, teacher identity, holistic education, indigenous ways of learning and teaching, cross-cultural understanding, mindfulness in education, and place-based learning.

Jennifer Thom, PhD (British Columbia)
Curriculum studies and elementary mathematics education, theories of mathematical understanding, ecological/complex/EMBODIED forms of teaching and learning.

Ruthanne Tobin, PhD (Victoria)
Elementary English language arts, instructional practices for struggling literacy learners, personalized learning.

Michelle Wiebe, EdD (Montana)
Assessment in art (studio assessment, self assessment, theory assessment), leadership in the arts, arts program reform curriculum development, creativity development.

**Degrees and Specializations Offered**
The Department of Curriculum and Instruction may offer programs leading to the Master of Education degree in the following areas:
- Art
- Curriculum Studies
- Early Childhood Education
- Language and Literacy
- Mathematics, Science, Social Studies or Educational Technology
- Social, Cultural and Foundational Studies

The Department of Curriculum and Instruction offers a Master of Arts and a Doctor of Philosophy in Educational Studies.

**Facilities**
MacLaurin Building: multi-media laboratories, Curriculum Laboratory.

**Financial Support**
All eligible graduate students are encouraged to apply for funding from provincial, federal and external sources. The Department of Curriculum and Instruction cannot guarantee funding but encourage students to consider the following.

**University Fellowships:**
Students who have an A- (7.0 on the UVic grading scale) may qualify for a University Fellowship. For full-time applicants seeking this Fellowship, the application deadline is February 15th.

**Sessional Lecturers:**
These are unionized positions for undergraduate courses. An interested student should submit their resume and cover letter to the Chair of Curriculum and Instruction. These positions are normally held for students who have completed at least one term of course work in the PhD program.

**Research Assistants:**
Individual faculty members with external research grants may employ graduate students as research assistants. The details about these appointments (salary, hours, etc.) are worked out between the individual graduate student and the faculty member.

**Workstudy Positions:**
Please visit the Office of the Registrar website for further information <www.uvic.ca/registrar/safa/work-study/index.php>.

**Application Deadlines**

**Regular Student Application Deadlines for Complete Applications**
February 15:
For full-time applicants seeking University Fellowships.

February 15:
For applicants seeking admission the September of that calendar year.

January 31:
For applicants seeking admission the May of that calendar year.

**International Student Application Deadlines for Complete Applications**
December 15:
For applicants seeking admission September of the following year.

October 15:
For applicants seeking admission for May of the following year.

**Admission Requirements**
For all degree programs, the following items are required to be uploaded when submitting an online application: resume, letter of intent, email contact information for two references, unofficial transcripts, and, for international students, TOEFL score. Official transcripts should be ordered after receiving the provisional admission email from Graduate Admissions and Records. Examples of writing are required if you are applying to the PhD program only. See “Faculty Admissions”, page 18, for Graduate Studies requirements. All materials are to be sent to the Graduate Admissions and Records Office.

The selection process is based on the strength of the application file and the availability of an appropriate supervisor.

**Master of Arts**
In addition to the usual admission requirements of the Faculty of Graduate Studies, some programs may require relevant professional experience.

**Master of Education**
In addition to the usual admission requirements of the Faculty of Graduate Studies, applicants must have had at least two years of successful relevant professional experience.

**PhD Programs**
Admission requirements include a master’s degree, good academic standing, and demonstrated research and writing ability.

**Program Requirements**

**Master of Education**
MEd programs require 15.0 units of course work, including a project. No more than 3 units of course work may be at the 300 and 400 level. A project in research and/or curriculum development is required, and a comprehensive final examination (written and/or oral). MEd programs are normally offered as cohort groups.
Art Education (MEd)

This degree is a career credential intended for students who wish to develop their competencies in teaching studio-based art activities at the elementary and secondary school levels as well as in community settings. For the next intake date, please refer to website: <www.uvic.ca/education/curriculum/programs/courses/graduate/ae>.

Course Requirements: Total = 15 units
EDCI 510 (3.0) Research Issues & Studio Development
EDCI 511 (3.0) Drawing & Studio Development
EDCI 513 (3.0) Community Art Education
either
EDCI 512A (1.5) Digital Arts
and
EDCI 512B (1.5) Digital Presentation
or
EDCI 591 (3.0) Selected Topics in Art Education
EDCI 597 (1.5) Comprehensive Examination
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project

Curriculum Studies (MEd)

This program fosters critical analysis of educational discourses (for example, discourses of planning, implementation, evaluation, learning and teaching) to discern unintended as well as intended effects. This analysis is focused not only at the system level, but also and more importantly, at the level of each person’s daily professional practice, where the political and the personal are inevitably intertwined. The ethical question of how to act responsibly and appropriately is paramount.

Course Requirements: Total = 15 units
Curriculum Studies—Project-based Option (MEd)
EDCI 531 (1.5) Critical Discourses in Curriculum Studies
EDCI 532 (1.5) Emerging Trends and Topics in Curriculum Studies
EDCI 580 (1.5) Qualitative Research Methods
or EDCI 581 (1.5) Research Methodologies in Education
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project
EDCI 597 (1.5) Comprehensive Examination (MEd program only)
Electives (6.0) Approved in consultation with student’s supervisor

Early Childhood Education – Project-based Option (MEd)

Course Requirements: Total = 15 units
EDCI 552 (1.5) Trends in Early Childhood Education
EDCI 570 (1.5) Research, Curriculum and Young Children
EDCI 580 (1.5) Qualitative Research Methods
EDCI 597 (1.5) Comprehensive Examination
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project
Electives (6.0) Approved in consultation with student’s supervisor

Social, Cultural and Foundational Studies (MEd)

The MEd provides students with the research skills and knowledge to work as master teachers, educational leaders, administrators, policy analysts, and consultants to government and other educational and community agencies. The MEd program consists of 15.0 units including a

Course Requirements: Total = 15 units
Social, Cultural and Foundational Studies – Project-based Option (MEd)

ONE Research Methodology course (1.5) (to be selected by student and supervisor) And TWO additional courses from the following list:
EDCI 520 (1.5) Seminar in Contemporary Issues in Philosophical Perspective
EDCI 521 (1.5) Contemporary Educational in Historical Perspective
EDCI 522 (1.5) Philosophy of Education Through Film and Media
EDCI 523 (1.5) Diverse Voices and Visions in Education
EDCI 525 (1.5) Planning for Effective Schools

PLUS
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project
EDCI 597 (1.5) Comprehensive Examination
Electives (6.0) Approved in consultation with student’s supervisor

Language and Literacy (MEd)

The program is intended for those wishing to further their knowledge of pedagogical issues and practices relating to the teaching of Language and Literacy in populations ranging from pre-school to adult. The program is designed to accommodate students’ individual interests and objectives, and are undertaken with the guidance and direction of an academic supervisor.

Course Requirements: Total = 15 units
Language and Literacy – Project-based Option (MEd)
EDCI 517 (1.5) Reading Processes in the School Curriculum: Research and Processes
EDCI 536 (1.5) Language Processes in the School Curriculum: Oracy
EDCI 556 (1.5) Language Processes in the School Curriculum: Writing and Representing
EDCI 597 (1.5) Comprehensive Examination
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project
Electives (6.0) Chosen in consultation with and the approval of the student’s supervisor. Normally includes at least one research design course, one curriculum foundations course and one Language and Literacy course.

Middle Years Language and Literacy MEd Cohort — 15 units
This program may not be offered every year. Please contact the department for information on the next program offering.
EDCI 517 (1.5) Reading Processes in the School Curriculum: Research and Processes
EDCI 556 (1.5) Language Processes in the School Curriculum: Writing and Representing
EDCI 487/591 (1.5) Technology in Middle Years Literacy (online)
EDCI 487/591 (1.5) Differentiating Literacy in the Middle Years (online)
EDCI 536 (1.5) Language Processes in the School Curriculum: Oracy
EDCI 580 (1.5) Qualitative Research Methods

Programs and Courses: Bachelor of Education (BEd)
GRADUATE PROGRAMS

EDCI 591 (1.5) Literacies in Middle Years Social Studies, Science and Math (online)
EDCI 591 (1.5) Multiple Literacies in the Middle Years (online)
EDCI 597 (1.5) Comprehensive Examination
EDCI 598A (1.5) A Project Proposal and Literature Review
EDCI 598B (1.5) Project

Mathematics, Science, Social Studies and Educational Technology –Project-based Option (MED)

This four-stream combined program is designed to provide a strong content component within the 15.0-unit degree while providing a central core of professional education in curriculum and instruction courses. The following courses outline a typical program, but all programs must be determined by the supervisor at the beginning of the program.

Course Requirements: Total = 15.0 units
EDCI 532 (1.5) Emerging Trends and Topics in Curriculum Studies
EDCI 570 (1.5) Research in Curriculum and Instruction in the Elementary Grades
or
EDCI 571 (1.5) Research in Curriculum and Instruction in the Secondary Grades
EDCI 572 (1.5) Development and Implementation of the Curriculum in a Specific Area
Approved Research Methods Course (1.5)
EDCI 597 (1.5) Comprehensive Examination
EDCI 598A (1.5) Project Proposal and Literature Review
EDCI 598B (1.5) Project
Electives (4.5) Approved in consultation with student's supervisor

Master of Arts

The MA in Educational Studies is a research-based program designed to accommodate students’ individual interests and is undertaken with the guidance and direction of an academic supervisor. This 15.0 unit program requires 3.0 units of core courses, 4.5 units of specialty and elective courses, and a 7.5 unit thesis. No more than 1.5 units of course work may be at the 300 and 400 level. A research-based thesis must be written and successfully defended in an oral examination.

Course Requirements: Total = 15 units
EDCI 514 (1.5) Educational Discourses
EDCI 581 (1.5) Research Methodologies in Education
Electives (4.5) Approved by the academic supervisor
EDCI 599 (7.5) Thesis

Doctor of Philosophy (PhD)

The PhD in Educational Studies is a research-oriented program designed for students who wish to develop a comprehensive understanding and an integrated perspective of current educational theory and practice. It prepares graduates for professional, research and teaching positions in colleges and universities, or for leadership roles in school districts, provincial ministries and other public and private organizations, with regard to planning and implementation of curricula, instructional innovations and staff development programs. There are six areas of specialization within this program: Art Education; Curriculum Studies; Early Childhood Education; Language and Literacy; Mathematics, Science, Technology, and Environmental Education; Social, Cultural and Foundational Studies.

Course Requirements: Total = 39 units

The PhD program consists of 39.0 units, of which there is a 30-unit dissertation and 6.0 units of coursework, and a 3.0 unit candidacy examination. The coursework is made up of 3.0 units of core courses and 3.0 units of specialty and elective courses. The core courses are required to be taken in the first year of the program.

Core Courses: 3.0 units
EDCI 614 (1.5) Discourses in Educational Studies
EDCI 681 (1.5) Advanced Research Design

Specialty and Elective Courses: 3.0 units*

* Normally up to 1.5 units of contemporary equivalent or appropriate graduate coursework not used towards another degree may be transferred into the specialty area from recognized universities with the approval of the supervisory committee, the departmental Graduate Adviser, and the Faculty of Graduate Studies (see "Transfer of Academic Credit", page 35). A maximum of 1.5 upper level undergraduate level units may be used toward the degree with the approval of the supervisor in consultation with the supervisory committee, the departmental Adviser, and the Faculty of Graduate Studies. In special cases, assessment of prior learning involving other educational activities, professional experiences, or credentials may be evaluated as equivalent to courses required in the specialty area allowing students to substitute appropriate elective courses for the required courses. All applications for transfer credit and equivalent prior learning must be made at the time of admission or in the first semester of study.

Candidacy Examination: 3.0 units
EDCI 693 (3.0) Candidacy Examination
Dissertation: 30 unit
EDCI 699 (30) PhD Dissertation

Candidacy

Candidacy Examinations will be completed in both the core and specialization areas as set by the Supervisory Committee in conjunction with the department’s Graduate Admissions and Programs Committee. Students must be within 1.5 units of completion of all course work before they may complete the candidacy requirement. The candidacy examinations will be both written and oral.

Program Length

At least two years.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Co-op office (located in MCK 112) early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op", page 46.
Dispute Resolution

General Information

Contact Information
School of Public Administration
Location: Human and Social Development Building, Room A302
Mailing Address: School of Public Administration
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Room A302
School of Public Administration
Human & Social Development Building
University of Victoria
3800 Finnerty Road (Ring Road)
Victoria, BC V8P 5C2
Canada

Telephone Number: 250-721-6448
Fax Number: 250-721-8849
Email: madr@uvic.ca
Website: <publicadmin.uvic.ca/madr/>
Interim Director: Lindsay Tedds
Email: padirect@uvic.ca
Phone: 250-721-8064
Graduate Coordinator: Thea Vakil
Email: tvakil@uvic.ca
Phone: 250-721-6442
Graduate Adviser: Lynne Siemens
Email: siemensl@uvic.ca
Phone: 250-721-8069
Program Manager: Heather Kirkham
Email: hkirkham@uvic.ca
Phone: 250-721-8067
Graduate Administrative Assistant: Judy Selina
Email: madr@uvic.ca
Phone: 250-721-6442

Faculty Members and Areas of Research
Lindsay Tedds, PhD (McMaster), Interim Director of the School of Public Administration, Associate Professor
Underground economy; tax non-compliance; economics of taxation; public economics; time use; timing of stock option awards; applied econometrics
Herman Bakvis, PhD (UBC), Professor
Intergovernmental relations, government structure and organization, political parties and interest groups
Emmanuel Brunet-Jailly, PhD (U Western Ontario), Professor
Local government and politics, cross-border regions, comparative urban politics.
J. Barton Cunningham, PhD (Southern California), Professor
Quality of working life, organizational theory, decision making, stress and motivation, human research management.

Lynda Gagné, PhD (UBC), Assistant Professor
Child care policy, children outcomes, social programs, applied econometrics and microeconomics
Budd Hall, PhD (UCLA), Professor
International community development, community-university engagement, social movements
Ever A. Lindquist, PhD (California, Berkeley), Professor
Machinery of government and policy-making, policy communities and networks, the role of think tanks
James N. MacGregor, PhD (Victoria), Professor
Organizational behaviour, human information processing
Richard T. Marcy, PhD (Oklahoma), Assistant Professor
Public sector leadership, leadership development, adaptation and cognition in organizations, management of meaning in organizations
James C. McDavid, PhD (Indiana), Professor
Program evaluation, performance management, local government service delivery
Tara L. Ney, PhD (Southampton), Associate Professor
Conflict-related impact of policy, discourse theory and conflict, war-affected children, family law policy, health care policy processes, restorative justice
Lynne Siemens, PhD (Hertfordshire), Associate Professor
Community development; entrepreneurship and small business; rural economic development; government and business relations; organizational behaviour; academic team development
Kimberly Speers, PhD (Alberta), Assistant Teaching Professor
Policy analysis and public policy; government relations and management consulting; performance measurement and planning
Thea Vakil, PhD (Victoria), Associate Director of the School of Public Administration and Associate Professor
Design and maintenance of organizations; structure and functioning of government and the non-profit sector; principles and values in public administration
Rebecca N. Warburton, PhD (London), Associate Professor
Health economics, economic evaluation, evidence-based management

Emeritus, Visiting, and Adjunct Appointments
Robert L. Bish, PhD (IN), Professor Emeritus
James Cutt, MA (Edinburgh), MA, PhD (UofO), Professor Emeritus
A. Rodney Dobell, BA, MA (UBC), PhD (MIT), Professor Emeritus
John J. Jackson, MSc (Ottawa), PhD (UofA), Professor Emeritus
John Langford, BA (Carleton), MA (Oxford), PhD (McGill), Professor Emeritus
Hartmut J. Will, Dipl-Kfm (FU, Berlin), PhD (III), Professor Emeritus
Oliver Brandes, LLB (UVic), Adjunct Professor
Leslie Brown, BSW (Regina), MPA, PhD (UVic), Adjunct Professor
John L. Fryer, BSc (London), MA (Pitt), Adjunct Professor
David Good, PhD (California, Berkeley), Adjunct Professor
Laurie Jackson, BSc, MEd (UofA), PhD (UVic), Adjunct Professor
Harvey Lazar, BSc (McGill), MA (UBC), PhD (LSE), Adjunct Professor
Michelle LeBaron, MA (SFU), LLB (UBC), Adjunct Professor
Catherine Morris, JD (UofA), LLM (UBC), Adjunct Professor
Dale Wall, BA (SFU), MPA (UVic), Adjunct Associate Professor
Ryan Compton, PhD (Washington U, St. Louis), Adjunct Associate Professor
Evelyn (Lyn) Davis, PhD (Florida State), Adjunct Associate Professor
Kimberly Speers, PhD (Alberta), Assistant Teaching Professor
Thea Vakil, PhD (Victoria), Associate Director of the School of Public Administration and Associate Professor
Design and maintenance of organizations; structure and functioning of government and the non-profit sector; principles and values in public administration
Rebecca N. Warburton, PhD (London), Associate Professor
Health economics, economic evaluation, evidence-based management
Admission to Master’s Programs

Applicants should have a bachelor’s degree in a relevant field of study. Normally, a B+ average (6.0 GPA) for the last two years of university work is a minimum requirement. Relevant post-baccalaureate professional experience is desirable but not necessary. In addition to documents required by the Faculty of Graduate Studies, the program requires applicants to submit the following:

- a detailed and up-to-date résumé of background information, professional or other relevant experience
- a 500 word statement of intent outlining reasons for applying to the program. The statement of intent should show how personal objectives relate to the program content.

Students will be admitted on the basis of admission requirements established by the Faculty of Graduate Studies and on guidelines established by the Admissions Committee regarding previous academic and work experience relevant to the field of dispute resolution.

Initial inquiries should be addressed to the Graduate Administrative Assistant, MA in Dispute Resolution Program. Applications should be sent to the Graduate Admissions and Records Office.

GMAT and TOEFL requirement

Applicants who do not possess a Canadian undergraduate degree will be required to write and submit official results of the Graduate Management Admission Test (GMAT). International students whose first language is not English are required to provide valid test results for one of the following:

- The Test of English as a Foreign Language (TOEFL) with a minimum score of 610 on the paper-based test and 102 on the Internet-based test, or
- The International English Language Testing System (IELTS) with an overall score of at least Band 7.0 with no score of less than 6.5 on each academic component.

Deadlines

- December 15 for International Students.
- January 31 for Domestic students. Applicants with a first class (A minus) average over the last two years of their undergraduate and graduate course work are automatically considered for graduate entrance awards. It is to the applicants’ benefit to do their best to ensure that their file is complete as soon as possible for the Admissions Committee’s consideration.

Program Requirements

The program consists of 21.0 (Master’s Project) or 22.5 (Master’s Thesis) units and one or two co-operative work term placements or DR 517. Students may choose a thesis or a project-based program. Completion of the degree is by project or thesis defense in an oral examination.

Course Requirements

- Elective Courses: Two elective courses chosen from DR 507, 508, 510, 516, 517 and others as available. Other elective courses may be selected, with permission of the Graduate Adviser, from approved courses in related fields of study offered by other programs in the School or in other departments. One elective may be completed (online) during co-op placements.
- PADR 589: This Co-op preparatory course is required for all students.
- Co-operative Education: at least one co-op work term placement OR DR 517.
- Final Requirement: Students choose to complete a Master’s Project (DR 598) or a Master’s Thesis (DR 599)

Master of Arts in Dispute Resolution

Fall: First Academic Term (Sep-Dec)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>DR 502 (1.5)</td>
<td>Conflict, Culture and Diversity</td>
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<tr>
<td>DR 503 (1.5)</td>
<td>Public Policy, Law, and Dispute Resolution</td>
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<tr>
<td>PADR 501 (1.5)</td>
<td>Collaboration and Engagement</td>
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<tr>
<td>PADR 502A (1.5)</td>
<td>Analysis for the Public and Non-Profit Sectors</td>
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<tr>
<td>PADR 589 (0.0)</td>
<td>Co-op Seminar: Introduction to Professional Practice</td>
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</table>

Spring: First Co-op Work Term (Jan-Apr)

Co-op Placement

Or
Spring: First Co-op Work Term (Jan-Apr)

DR 517 Issues in Dispute Resolution: Working in the Community
Elective (1.5) While on co-op, students may choose to take one online elective. Students enrolled in DR 517 may also take another elective (on campus or online).

Summer: Second Academic Term (May-Aug)

DR 506 (1.5) Mediation Processes and Skills
DR 509 (1.5) Dispute Resolution System Design and Public Interest Disputes
PADR 503 (1.5) Professional Integrity in the Public and Non-profit Sectors
PADR 504 (1.5) Public Leadership and Management
PADR 505 (1.5) Policy-making and Policy Communities

Fall: Second Co-op Work Term (Sep-Dec)

Co-op placement (optional) and/or Elective (1.5) Students may choose to take one online elective, whether on co-op or not

Spring: Third Academic Term (Jan-Apr)

DR 598 (4.5) Master’s Project
or
DR 599 (6.0) Master’s Thesis
Elective (1.5) If electives not completed, students may opt to take an elective this term.

Master’s Project or Thesis

Prior to enrolling in either the Master’s Project (DR 598) or the Thesis (DR 599), students are expected to have completed their DR and PADR core courses. All program requirements, including a third Co-op term (if taken), must be completed by the same semester in which they defend their Project or Thesis.

Master’s Project Option

The Master’s Project (DR 598) requires students to complete a major project for a client in consultation with an academic supervisor. The project is expected to be a substantial analysis of a conflict situation or process, policy issue, or other relevant topic approved by the Graduate Adviser. A written project report will be prepared and submitted to an oral examination committee. Students undertaking the Master’s Project option (4.5 units) will complete a program of 21.0 units.

Master’s Thesis Option

The Master’s Thesis (DR 599) requires original research on a topic chosen in consultation with the student’s academic supervisor and the Graduate Adviser. Students undertaking the Master’s Thesis option (6.0 units) will complete a program of 22.5 units.

Oral Examination

Required for both the Master’s Project (DR 598) and Master’s Thesis (DR 599) options.

Program Length

Full-time students can complete the program within two years. All students must complete the program within five years.

Co-operative Education

Participation in the Co-operative Education program enables students to acquire knowledge, practical skills for employment, and workplace experience. It will be strongly recommended for students to participate in this option. Students in the Co-operative Education program are normally required to undertake two Co-op work terms (a work term normally consists of four months of full-time, paid employment.) Note that as there is a presumption that students will participate in the Co-op program, the School does not offer core courses in the Spring term, although students could opt to take electives. The number of work terms required will depend on the amount of relevant prior work experience, as determined by the MADR program in conjunction with the Co-op program. To be eligible for a Co-op placement, students are required to register in PADR 589 Co-op Seminar: Introduction to Professional Practice in their first term in the program. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Completion of additional work terms is permitted, with the approval of the Co-op Coordinator and based on availability (students in their first or second work terms may receive priority). Additional work terms must be completed in or before the same semester in which the project/thesis is defended.

Guidelines for Professional Conduct

The School of Public Administration expects graduate students to exhibit professional conduct according to the following guidelines:

- submission of oneself to the professional codes of conduct associated with one’s employment and/or professional membership(s);
- exercise of personal discipline, accountability, and judgement;
- acceptance of personal responsibility for continued competency and learning, including the capacity to be a reflective practitioner;
- willingness to serve the public;
- demonstrated ability to recognize the dignity and worth of all persons;
- willingness to assist others in their learning;
- ability to recognize and work with one’s own limitations;
- maintenance of the confidentiality of information, including all electronic communication, appropriate to the purposes and trust given when that information was acquired;
- acceptance that one’s professional abilities, personal integrity, and the attitudes one demonstrates in relationships with other persons are measures of professional conduct.

Unprofessional Conduct

Graduate student conduct in the School of Public Administration is subject to the professional standards of entities including, but not limited to, UVic Co-op and Co-op employers. A student exhibiting behaviour that does not meet the standards required by these relevant entities may be required to withdraw from the School.

Earth and Ocean Sciences

GENERAL INFORMATION

The School of Earth and Ocean Sciences (SEOS) offers a graduate research program with a focus on earth system science and special studies in marine geology and geophysics, paleoceanography, climate modeling, atmospheric modeling, air-sea interaction, ocean physics, geophysical fluid dynamics, ocean mixing, ocean acoustics, biological oceanography, tectonics, petrology, geochemistry, biogeochemical cycles, seismology, paleobiology, sedimentology and stratigraphy.

Further information on the School of Earth and Ocean Sciences can be found on the School’s web page at <www.seos.uvic.ca>.
Contact Information
School of Earth and Ocean Sciences
Location: Bob Wright Centre for Ocean, Earth and Atmospheric Sciences, Room A405
Mailing address:
School of Earth and Ocean Sciences
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier address:
School of Earth and Ocean Sciences
University of Victoria
Bob Wright Centre for Ocean, Earth and Atmospheric Sciences, Room A405
3800 Finnerty Road
Victoria, BC V8P 5C2
Canada
Telephone Number:................................. 250-721-6120
Fax Number:................................. 250-721-6200
Email: seos@uvic.ca
Website: <www.seos.uvic.ca>
Director: Dr. Stan Dosso
Email: seosdirector@uvic.ca
Departmental Secretary: Kimberly Smith-Jones
Email: seos@uvic.ca
Phone:.................................................. 250-721-5133
Graduate Adviser: Dr. John Dower
Email: seosgradadvisor@uvic.ca
Graduate Secretary: Allison Rose
Email: seos@uvic.ca
Phone:.................................................. 250-721-6120

Faculty Members and Areas of Research
Dante Canil, PhD (Alta), FRSC, Professor
Experimental and igneous petrology; petrogenesis of mantle-derived rocks
Laurence Coogan, PhD (Leicester), Professor
Mid-ocean ridge processes, oceanic crust, hydrothermal fluxes, geospeedometry, experimental petrology, mantle dynamics
Jay Cullen, PhD (Rutgers), Professor
Chemical oceanography, marine geochemistry, phytoplankton-trace metal interactions, marine biogeochemistry of trace metals, inorganic chemistry, paleoceanography and global change, stable isotope geochemistry and development of novel techniques for trace metals
Stanley E. Dosso, PhD (UVic), Professor
Ocean and arctic acoustics, marine seismology and seismo-acoustics, geophysical inverse theory, acoustic signal analysis
John F. Dower, PhD (UVic), Professor
Effects of interactions between biology and physics on the ecology of larval fish and zooplankton; the structure of pelagic marine ecosystems
Kathryn M. Gillis, PhD (Dal), Professor and Associate Dean of Science
Marine geology; fluid-rock interaction in oceanic hydrothermal systems; formation of the oceanic crust; metamorphic petrology
Colin Goldblatt, PhD (East Anglia), Assistant Professor
Earth system evolution, climate modelling, the early Earth, evolution of planetary atmospheres
Robert C. Hamme, PhD (Wash), Associate Professor (Canada Research Chair)
Carbon cycle, deep-water formation, ocean mixing, ocean productivity, dissolved oxygen, dissolved noble gases
S. Kim Juniper, PhD (Canterbury), Professor (BC Leadership Chair) and Director (Science & User Engagement) Ocean Networks Canada Society
Marine systems and global change
Jody M. Klymak, PhD (Wash), Associate Professor
Physical oceanography - waves, turbulence, fronts, eddies; processes that dissipate energy from the mean ocean circulation and mediate the mixing of momentum, heat, salt, and passive tracers
Lucinda Leonard, PhD (UVic), Assistant Professor Limited Term
Current tectonics, especially of western North America; seismic and tsunami hazard assessment
Adam Monahan, PhD (UBC), Professor
Climate physics, interaction of weather and climate, meteorology of surface winds, probabilistic and stochastic methods in climate modelling and analysis
Kristin Morell, PhD (Penn State), Assistant Professor
Tectonic geomorphology, landscape evolution, active tectonics, natural hazards
Thomas F. Pedersen, PhD (Edin), FRSC, FAGU, Professor
Paleoclimatology and paleoceanography, sedimentary geochemistry, aquatic chemistry, geochemistry of submerged mine wastes
Vera F. Pospelova, PhD (McGill), Associate Professor
Quaternary palynology, climatic and anthropogenic changes in coastal environments, paleoecology, paleoceanography
Verena Tunnicliffe, PhD (Yale), FRSC, Professor (Canada Research Chair)
Evolution of marine communities, hydrothermal vents, seamounts and fjords; interaction with physical and geological processes
Diana E. Varela, PhD (UBC), Associate Professor
Biological oceanography; biogeochemical cycles; phytoplankton physiology and ecology - variations in marine primary productivity and export production; phytoplankton utilization of nitrogen, silicon and carbon; silicon isotopic fractionation by diatoms
Andrew J. Weaver, PhD (UBC), FRSC, Professor
The role of the oceans in climate change/variability, ocean/climate modelling, paleoclimate, physical oceanography, geophysical fluid dynamics
Michael Whiticar, PhD (Christian Albrechts), Professor
Biogeochemistry and stable isotope geochemistry of aquatic and terrestrial systems, including investigation of biosphere-geosphere interactions with greenhouse gases, sediments, soils, ice, gas hydrates and applications with environmental, energy and forensic sciences

Adjunct and Emeriti Faculty
Vivek Arora, PhD (Melbourne)
Biophysical and biogeochemical interactions between the terrestrial biosphere and the atmosphere, terrestrial carbon and nitrogen cycle modelling at large spatial scales, dynamic global vegetation models, land surface parameterizations for climate models, and hydrological processes in climate models
Christopher R. Barnes, PhD (Utt), DSc (Wat), CM, FRSC, PGeo
Paleozoic paleontology, stratigraphy, paleoecology, conodont paleobiology, paleoceanography, paleoclimatology, cabled ocean observatories
J. Vaughn Barrie, PhD (Wales)
Quaternary marine geology, shelf sedimentation processes, marine geohazards, ocean management, marine placers
James R. Christian, PhD (Hawaii)
N. Ross Chapman, PhD (UBC)
Greg Flato, PhD (Dartmouth)
Michael Eby, BASc (UBC)
Richard Dewey, PhD (UBC)
Jan Dettmer, PhD (UVic)
Kenneth L. Denman, PhD (UBC), FRSC
Peter Bobrowsky, PhD (Alta)
Michael G.G. Foreman, PhD (UBC)
David Farmer, PhD (Dal), FRS, FRSC
Nathan Gillett, DPhil (Oxford)
Ann Gargett, PhD (UBC)
John C. Fyfe, PhD (McGill)
Janet Flato, PhD (Dartmouth)
Garry C. Rogers, PhD (UBC)
Norman McFarlane, PhD (Mich)
Victor Levson, PhD (Alta)
Richard J. Hebda, PhD (UBC)
N. Ross Chapman, PhD (UBC)
Garry C. Rogers, PhD (UBC)

Richard J. Hebda, PhD (UBC)
- Quaternary stratigraphy, vegetation and climate change; Holocene palynology to decode diet, medicine and agriculture of native peoples

Martin Heesemann, PhD (Bremen)
- Marine geophysics, seafloor observatories and instrumentation, earthquake seismology, tectonics, tsunamis, and scientific ocean drilling

Philip Hill, PhD (Dal)
- Sedimentological study of the Fraser River delta, forming part of the Georgia Basin Geohazards Initiative

Paul Hoffman, PhD (Johns Hopkins)
- Snowball Earth, Neoproterozoic Earth history, origin and tectonic history of continents, stable isotopes, paleoceanography, paleoclimate, sedimentary geology, geological mapping

Roy D. Hyndman, PhD (ANU), FRSC
- Geophysics, marine and land; active continental margin tectonics and structure; geothermal studies; seismotectonics; magnetotellurics; physical properties of rocks

Debby Lanson, PhD (UBC)
- Coastal upwelling regions and the under-studied mid-water (100-1000m) region of the open ocean

Thomas S. James, PhD (Princeton)
- Computer modelling focussing on glacio-isostatic adjustment for inferring ice mass history and Earth rheology; high-precision geodetic techniques for measuring crustal deformation and gravity changes; relative sea level and glacial history of British Columbia

Stephen T. Johnston, PhD (Alta)
- Tectonic and structural geology; evolution of convergent margins

Honn Kao, PhD (UIUC)
- Earthquake seismology: earthquake source studies, velocity structure inversion, seismogenic behaviour and processes in subduction zones, moment-tensor inversion and seismotectonics

David V. Lefebure, PhD (Carlton)
- Economic geology and Cordilleran metallogeny, with emphasis on deposit models, mineral potential assessments and databases

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David V. Lefebure, PhD (Carlton)
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Victor Levson, PhD (Alta)
- Till geochemistry and glacial dispersal processes, seismic microzonation, sedimentology of coarse clastics and placer deposits, Quaternary stratigraphy, oil and gas geosciences

Norman McFarlane, PhD (Mich)
- Global climate modelling; parameterization of physical processes in atmospheric models; middle atmospheric dynamics and modelling

Karin Meissner, PhD (Bremen)
- Paleoclimate modelling; climate system; climate variability; the role of vegetation and ocean in climate change; geophysical fluid dynamics

Joseph Melton, PhD (UVic)
- Development and application of terrestrial ecosystem and land surface models for stand-alone simulations and implementation in Earth system models; process modelling, including wetland methane, fire and permafrost carbon

William J. Merryfield, PhD (Colorado)
- Climate forecasting, climate variability, ocean circulation models, predictability, subgrid-scale parameterization, geophysical turbulence, double diffusion, ocean mixing processes, numerical methods in fluid dynamics

Michael Riedel, PhD (UVic)
- Marine geophysics and geology, gas hydrates, physical properties of sediments, logging data analyses

Garry C. Rogers, PhD (UBC)
- Earthquake seismology and related tectonic processes, earth structure using earthquake generated waves, earthquake hazard
Degrees and Specializations Offered

The School of Earth and Ocean Sciences offers programs leading to Master of Science (MSc) and Doctor of Philosophy (PhD) degrees in the general areas of geology, geophysics, oceanography and atmospheric science, with an emphasis on earth system science.

Facilities

The School offers its graduate students access to a range of equipment for study and research. In-house facilities include labs for Petrology, Geochemistry, Paleogeochemistry, Marine Geochemistry, Marine Biogeochemistry/Phytoplankton, Biological Oceanography, Marine Biology, Ocean Mixing, Ocean Acoustics, Climate Theory and Modelling, Hydrothermal Studies, Structural Geology, Sedimentology and Geophysics, as well as a departmental mass-spectrometer. Arrangements are also commonly made to use equipment at nearby government laboratories. Students have access to the 16-metre Marine Science Vessel John Strickland.

Financial Support

All MSc and PhD students receive financial support at a minimum of $18,500 for two years provided the student maintains an acceptable level of academic performance. Graduate financial support is comprised of funding from various sources including research account support, teaching assistant salary, general award support, etc.

Admission Requirements

Applicants for a graduate degree in Earth and Ocean Sciences should have a Major or Honours degree in a closely related science. A student who does not have such a degree can be admitted to the program but may be required to complete additional makeup courses. In doing so, the student must obtain a grade of at least B (5.0) in each makeup course, and an average of B+ (6.0) in the makeup courses. Mature students are advised to consult the Faculty regulations regarding conditional admittance.

Inquiries concerning the graduate program may be addressed to the SEOS Graduate Secretary, School of Earth and Ocean Sciences. Application forms for admission, which include the indication of need for financial assistance, can be obtained directly from the Graduate Admissions and Records Office (see “English Language (Test of English as a Foreign Language) and submit the scores to the SEOS Graduate Secretary, School of Earth and Ocean Sciences. Application forms for admission, which include the indication of need for financial assistance, can be submitted with the completed application.

Applicants whose native language is not English must write the TOEFL (Test of English as a Foreign Language) and submit the scores to the Graduate Admissions and Records Office. A statement of research interests must be submitted with the completed application.

Deadlines

Applications to graduate studies are considered year round.

Program Requirements

The spectrum of research in the School is broad and will be attractive to students from many areas of the basic and applied sciences; cross-disciplinary research involving faculty and facilities in other departments is encouraged. As an integral part of their program, students are normally required to undertake teaching or research assistantships or equivalent duties within the School.

All graduate students in the School of Earth and Ocean Sciences are required to take EOS 525 (1.5 units). All students are also required to present at the Annual Graduate Student Workshop at least once during their degree program.

The supervisory committee, in consultation with the student, determines the content of the program and the exact division of units between coursework and thesis for each student. For example, the supervisory committee may decide that additional coursework is required depending
on the student’s background. Coursework may include graduate courses in SEOS or other departments, including directed studies courses (EOS 580) and 300- or 400-level undergraduate courses.

Master’s Program

Course Requirements

The Master’s program consists of a minimum of 15 units with no fewer than 12 graduate-level credits (i.e. excluding 300- and 400-level undergraduate courses). Normally, students must complete a minimum of 4.5 units of graduate or upper-level undergraduate coursework, with a Master’s thesis (EOS 599) making up the remaining units.

Oral Examination

MSc students will be required to defend their completed thesis in a final oral examination open to the public.

Program Length

A student proceeding towards a Master’s degree will be required to complete all the requirements for the degree within five years (60 consecutive months) from the date of the first registration in the Master’s program.

PhD Program

The PhD program is a full-time program of full-time independent research. Students can expect to take a minimum of two years to complete the program.

Course Requirements

The PhD program consists of 45 units beyond the Bachelor’s level, or 30 units beyond the Master’s level. PhD students who enter the program with a Master’s are normally expected to complete a minimum of 3 graduate or upper-level undergraduate course units. Students who enter the PhD program with a Bachelor, including students who transfer from a Master’s to a PhD at UVic, are normally expected to complete a minimum of 7.5 units of coursework. Students enroll in EOS 699 upon registering in the PhD program (or upon switching to the PhD program from the MSc program) and remain enrolled until all dissertation requirements have been completed.

All PhD students are required to give a one hour seminar to the School on their research, normally within six months before the defense of their PhD dissertation. All PhD students must register in EOS 525 as part of their 3-unit graduate course requirement, unless they have previously taken this course in the MSc program. In addition to the minimum 3 graduate or upper-level undergraduate course units, all PhD students must register in EOS 693 (PhD Candidacy Examination). The PhD dissertation (EOS 699) makes up the remaining program units.

Students should consult the department for courses that will be offered in any given year. Admission to any graduate course requires permission of the instructor.

Candidacy

The Candidacy Examination is a requirement of the Faculty of Graduate Studies and cannot be waived. SEOS requires that within two years of first registration as a provisional doctoral student (or 18 months of transferring from a MSc program) and at least six months before the final oral examination, a PhD student must submit a written dissertation research proposal, defining the research topic, the goals of the research and the methodology to be used. This thesis proposal will be defended in an oral candidacy exam. The Examining Committee will question the candidate to determine that the candidate has the appropriate background knowledge and skills to undertake the proposed project, and that the project is likely to lead to results suitable for a PhD dissertation.

Students enroll in EOS 693 (PhD Candidacy Examination) upon registering in the PhD program (or upon switching to the PhD program from the MSc program) and remain enrolled until all candidacy requirements have been completed.

Oral Examination

PhD students will be required to defend their completed dissertation in a final oral examination open to the public.

Program Length

A student proceeding toward a doctoral degree will be required to complete all the requirements within seven years (84 consecutive months) from the date of first registration in the program. If the student transfers to the doctoral program after an initial period in a master’s program, completion is required within seven years of the date of the first registration in the Master’s program. A doctoral degree will not be awarded in less than twenty-four consecutive months from the time of first registration.

Co-operative Education

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Earth and Ocean Sciences Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

Economics

General Information

The Department of Economics is recognized for its strengths in both research and teaching. Areas of faculty research include both theoretical and applied economics and econometrics. All faculty members have active research programs and publish regularly in academic journals. In addition, faculty members have made important applied contributions to industry and governments at various levels. The department’s teaching is highly regarded, with a strong emphasis at the graduate level on econometrics and economic theory as tools for understanding economic phenomena and for developing economic policy.

Further information can be found at <www.uvic.ca/socialsciences/economics/graduate>

Contact Information

Department of Economics
Location: Business and Economics Building, Room 360
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University of Victoria
PO Box 1700, STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
3800 Finnerty Road
Business & Economics Building
Room 360
Victoria, BC V8P 5C2
Canada
Telephone Number: 250-472-4410
Fax Number: 250-721-6214
**Faculty Members and Areas of Research**

**M. Christopher Auld, PhD (Queen’s)**
- Health economics, microeconometrics

**Judith A. Clarke, PhD (Canterbury)**
- Theoretical and applied econometrics

**Pascal Courty, PhD (Chicago)**
- Industrial organization, personnel economics, behavioural economics

**Marco Cozzi, PhD (UCL)**
- Macroeconomics, empirical microeconomics, computational economics

**Merwan Engineer, PhD (Queen’s)**
- Economic development and growth, quality of life

**Martin Fantham, PhD (Michigan)**
- Public finance, labour economics, urban economics

**Donna Feir, PhD (UBC)**
- Labour economics, applied econometrics, aboriginal policy

**Rob Gillezeau, PhD (Michigan)**
- Economic history, labour economics

**David E. Giles, PhD (Canterbury)**
- Econometrics, statistics

**Elisabeth Gugl, PhD (Rice)**
- Public economics, family economics, applied microeconometric theory

**Emma Hutchinson, PhD (Michigan)**
- Environmental economics, law and economics, applied microeconomics

**Peter W. Kennedy, PhD (Queen’s)**
- Microeconomic theory

**Alok Kumar, PhD (Queen’s)**
- Monetary economics, macroeconomics, development economics

**Daniel Rondeau, PhD (Cornell)**
- Environmental and resource economics, microeconomics, experimental methods

**Nilanjana Roy, PhD (California, Riverside)**
- Econometrics, development economics

**Herbert J. Schuetze, PhD (McMaster)**
- Labour economics

**Paul Schure, PhD (EUI, Florence)**
- Financial economics, financial intermediation theory, industrial organization

**David Scoones, PhD (Queen’s)**
- Applied microeconometrics, microeconomic policy, conflict economics

**Kenneth G. Stewart, PhD (Michigan)**
- Econometrics, macroeconomics

**G. Cornelis van Kooten, PhD (Oregon State)**
- Agricultural and resource economics

**Graham M. Voss, PhD (Queen’s)**
- Macroeconomics, international economics, monetary economics

**Linda A. Welling, PhD (Western)**
- Economics of the family, industrial organization, microeconomic theory

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**Adjunct and Cross-Listed Appointments**

**Jen Baggs, Business, PhD (UBC) (2016-2019)**
- International business

- Economic evaluation, health economics, ecological economics

**Charles Knickerbocker Harley, Adjunct Professor, PhD (Harvard) (2014-2017)**
- Economic history

**Jill R. Horwitz, Adjunct Professor, JD, PhD (Harvard) (2016-2019)**
- Health Policy, law and economics

**Alan Mehlenbacher, Adjunct Assistant Professor, PhD (UVic) (2015-2018)**
- Applied computational economics

**Bradley Stennes, Adjunct Associate Professor, PhD (UBC) (2016-2019)**
- Forest economics, natural resource economics

**Lili Sun, Adjunct Assistant Professor, PhD (UVic) (2015-2017)**
- Forest economics, natural resource economics

**Lindsay Tedds, Public Admin., PhD (McMaster) (2014-2017)**
- Applied economics, public economics, economies of taxation

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**Degrees and Specializations Offered**

The Department of Economics offers an MA program and a PhD program. Both programs combine strong training in core economic theory and econometrics with electives in applied areas and a co-operative option. MA graduates will be well prepared for doctoral studies in economics or for research and analysis positions in the private or public sectors. The PhD program provides more advanced training in applied economics, to prepare graduate students for academic and non-academic careers.

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**Facilities**

The department has a range of facilities to support both MA and PhD students in their studies. These include office space and a computer lab, solely for graduate students, which has the requisite software and databases for word-processing, econometric analysis and computer modeling. The Reid Elliot Reading room is also available for students.

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**Financial Support**

All students admitted to the graduate program are automatically considered for financial support, with the level of support determined on a competitive basis. Incoming students with first-class records (A- or 7 on the University of Victoria 9-point scale) are considered for University of Victoria Fellowships. Consideration for these awards is automatic upon receipt of application by February 15 of the same calendar year. In addition, the department has a number of fellowships and scholarships available each year that are awarded on the basis of academic excellence. Further support is provided in the form of Teaching Assistantships (TA). Research Assistantships may also be available. All eligible students are encouraged to apply for provincial, federal and external funding, particularly from the Social Sciences and Humanities Research Council [www sshrc ca].

For students who receive funding support, funding is usually promised for one year for MA students and two years for PhD students. Students do not necessarily receive funding, though in recent years every effort has been made to provide all students with some level of funding, usually in the form of fellowships or scholarships.
**ADMISSION REQUIREMENTS**

**General**

Applicants to either program must satisfy the department that they have the necessary skills in mathematics, statistics, as well as written and verbal communication to undertake the program. To this end, the department may require evidence of appropriate writing skills prior to admission.

Applicants with an undergraduate degree from a Canadian or U.S. university are ordinarily not required to take the Graduate Record Exam (GRE), although it may be an advantage to do so. All other students must take the GRE. The Faculty of Graduate Studies and/or the Graduate Adviser may require any student to complete this aptitude exam.

Applicants for admission whose first language is not English, who are not holding a recognized degree from a country where English is an official language, and who have not resided in Canada or other English speaking countries for at least three consecutive years immediately prior to the session applied for, must meet the “English Language Proficiency”, page 19, for admission.

Applicants who have minimal undergraduate training in economics may be considered for a preliminary program. Such students typically have a cumulative GPA of 7.0 (A-) or higher from their undergraduate degree, have strong skills in mathematics and statistics and have undertaken some undergraduate courses in economics. This preliminary program, taken as a non-degree undergraduate student, requires 15 units of Economics courses, including microeconomic, macroeconomic and econometric theory, as well as electives tailored to the student’s needs and interest, chosen in consultation with the department Graduate Adviser. A minimum GPA of 7.0 (A-) in these courses will result in automatic admission to the MA program; a student with a lower GPA may enter after selection in the regular admission process. To be considered for the preliminary program, applicants must first apply to the MA program and then email the Graduate Adviser, providing a brief rationale as to why they are looking to be admitted to the preliminary program. Applicants will not be admitted to the preliminary program as a way to better their existing economics undergraduate degree.

Entry into either the MA or PhD program is in September. Availability of courses and faculty varies from year to year. The department web page should be consulted for the most up-to-date information: <www.uvic.ca/socialsciences/economics/graduate>.

**Admission To Master’s Programs**

Admission to the MA program requires an undergraduate degree in economics, with at least a B (3.0) average in the last two years leading to the degree. Selection is competitive, based upon undergraduate performance, nature of undergraduate training and (if relevant) GRE results.

**Admission to the PhD Program**

Admission to the PhD program normally requires a master’s degree (or equivalent) from a recognized academic institution. All applicants are required to provide a detailed statement of research interests as part of their application. Selection is competitive, based upon the research statement, performance in previous degrees, nature of training and (if relevant) GRE results.

An outstanding applicant may be admitted with an appropriate baccalaureate degree, or the completion of at least two terms in a master’s program at the University of Victoria. Students wishing to transfer from the MA program should normally have achieved an A- (7.0) average in their graduate courses, and may receive a waiver for up to 12 units of required course work towards their PhD program. Students wishing to transfer from another graduate program may also receive credit towards their program. The student’s supervisory committee, in consultation with the Graduate Adviser, will determine the transfer of credits.

**Deadlines**

The entry point to the Department of Economics is September of every year. Non-Canadian citizens and non-Canadian permanent residents must apply to the Graduate Admissions and Records Office by December 15. Applications for Canadian citizens and Canadian permanent residents must be received by the Graduate Admissions and Records Office by January 31. All documents should be submitted by these dates.

Applicants should keep in mind that substantial lead time is required to register for and take (if required) the GRE and the English language proficiency test in time for results to be received within the deadline.

**PROGRAM REQUIREMENTS**

**Thesis-based Master’s**

The department offers two programs leading to the MA degree in Economics: a thesis option, and a project-based option. Both programs require a minimum of 15 units.

**Course Requirements**

Successful completion of the core program (4.5 units), consisting of:

- ECON 500 (1.5) Microeconomic Analysis
- ECON 501 (1.5) Macroeconomic Analysis
- ECON 545 (1.5) Econometric Analysis

Successful completion of an additional 6 units of courses subject to the approval of the student’s supervisory committee. Courses are normally chosen from the graduate course offerings of the department, but with the permission of the department may include up to 3 units of courses numbered at the 400 level as well as graduate courses in other departments. Directed Studies (ECON 599) provides the means of pursuing subject areas that are not covered in the listed courses. Students should apply to individual instructors for Directed Studies. Students who take the Co-operative Education Option (see below) must include ECON 516 in their course work.

**Thesis**

Successful completion of a formal written thesis prospectus.

Successful completion of a Master’s thesis (ECON 599). The thesis is awarded 4.5 units.

**Program Length**

Students are expected to complete the requirements of the MA program, including fulfillment of the Co-operative Education requirements, if relevant, within 26 months of enrolment. This limit may be extended for up to one year with the permission of the Graduate Adviser.

**Project-based Master’s**

The department offers two programs leading to the MA degree in Economics: a thesis option, and a project-based option. Both programs require a minimum of 15 units.

**Course Requirements**

Successful completion of the core program (4.5 units), consisting of:

- ECON 500 (1.5) Microeconomic Analysis
- ECON 501 (1.5) Macroeconomic Analysis
- ECON 545 (1.5) Econometric Analysis
Successful completion of an additional 7.5 units of courses. Courses are normally chosen from the graduate course offerings of the department, but with the permission of the department may include Economics courses numbered at the 400 level, and graduate courses offered by other departments, up to a combined maximum of 3 units. Directed Studies (ECON 595) provides a means of pursuing subject areas that are not covered in the listed courses. Students should apply to individual instructors for Directed Studies. Students who take the Co-operative Education Option (see below) must include ECON 516 in their course work.

Final Project
Successful completion of an Extended Essay (ECON 598). The Extended Essay is awarded 3 units.

The essay is based on an independent research project and may consist of an extended version of a course project. The topic is decided by the student in consultation with the student's supervisory committee. The appropriate nature and length of the essay is determined by the supervisory committee, with more technical essays generally being shorter than those with more literary content. Each candidate shall defend their essay in a final oral examination, in accordance with the regulations of the Faculty of Graduate Studies.

Program Length
Students are expected to complete the requirements of the MA program, including fulfillment of the Co-operative Education requirements, if relevant, within 26 months of enrolment. This limit may be extended for up to one year with the permission of the Graduate Adviser.

PhD Program

Course Requirements
Students are required to take the six core courses (9 units) listed below as well as a minimum of three field courses (4.5 units) for a total of at least 13.5 units. A student's supervisory committee determines the field courses required.

Core Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ECON 500 (1.5)</td>
<td>Microeconomic Analysis</td>
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<tr>
<td>ECON 501 (1.5)</td>
<td>Macroeconomic Analysis</td>
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<tr>
<td>ECON 545 (1.5)</td>
<td>Econometric Analysis</td>
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<tr>
<td>ECON 546 (1.5)</td>
<td>Themes in Econometrics</td>
</tr>
<tr>
<td>ECON 551 (1.5)</td>
<td>Information and Incentives</td>
</tr>
<tr>
<td>ECON 552 (1.5)</td>
<td>Macroeconomic Issues</td>
</tr>
</tbody>
</table>

Students who enter the PhD with an MA degree may receive a waiver for a maximum of 12 units of required course work, depending on the nature of the courses they completed as part of their MA program.

Candidacy
Successful completion of the Candidacy Examination ECON 693 (3 units), which is based on overall performance in the program as well as:

1. Successful completion of two of the three comprehensive examinations: Microeconomic Theory, Macroeconomic Theory, and Econometrics.
2. An oral examination of the student's progress towards a dissertation research program.

A student's supervisory committee determines the comprehensive examinations required. A student may not take a comprehensive examination more than twice. Comprehensive examinations will be offered twice a year. Each examination will be set and graded by a Comprehensive Exam Committee consisting of at least two faculty members of the department.

A student's supervisory committee determines the requirements of the oral examination for Candidacy.

Students are required to register continuously for ECON 693 until the Candidacy Examination requirements have been completed and a decision on candidacy has been submitted to the Faculty of Graduate Studies. The Department requires that within thirty months of registration as a provisional doctoral student and at least six months before the final oral examination, a student must pass the candidacy examination.

In exceptional circumstances, a student's supervisory committee, with the approval of the Department's Graduate Committee, may set alternative Candidacy requirements.

Dissertation
Successful completion of a dissertation (ECON 699). The dissertation is written under the supervision of a supervisory committee, nominated by the Department of Economics, and approved by the Dean of Graduate Studies. The supervisory committee shall comprise at least four members, all of whom normally will be members of the Faculty of Graduate Studies, and at least one of whom will be from a department outside the Department of Economics. The student’s academic supervisor shall be the Chair of the supervisory committee. A written proposal for the dissertation is to be approved by the supervisory committee. The appropriate nature and length of the dissertation is determined by the supervisory committee. The expected length of the dissertation will vary with the nature of the work, with more technical dissertations generally being shorter than those with more literary content.

Oral Examination
Each candidate shall defend their dissertation in a final oral examination, in accordance with the regulations of the Faculty of Graduate Studies.

Program Length
Students are expected to complete the requirements of the PhD program, including fulfillment of the Co-operative Education requirements, if relevant, within five years of enrolment.

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment).

Students must maintain a B (5.0) average to be eligible for a work term. MA students must have successfully completed 9.0 units of graduate course work prior to the commencement of their first work term and ECON 516 must be included in the student’s MA program. It is highly recommended that MA students complete ECON 516 early on in their program. PhD students must normally complete ECON 693 Candidacy prior to the commencement of their first work term.

Students require permission from their supervisor and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Economics Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Educational Psychology and Leadership Studies

General Information
Three graduate programs are offered: (1) Counselling Psychology, (2) Educational Psychology with three focus areas (Learning and Development; Measurement, Evaluation, and Computer Applications; Special Education) and (3) Leadership Studies.
Contact Information
Department of Educational Psychology and Leadership Studies
Location: MacLaurin Building, Room A439
Mailing Address:
   Educational Psychology and Leadership Studies
   University of Victoria
   PO Box 1700 STN CSC
   Victoria, BC V8W 2Y2
   Canada
Courier Address:
   Educational Psychology and Leadership Studies
   University of Victoria
   Room A439 MacLaurin Building
   3800 Finnerty Road
   Victoria, BC V8P 5C2
   Canada
Telephone Number:............................................................................. 250-721-7799
Fax Number:........................................................................................ 250-721-6190
Website: <www.uvic.ca/education/psychology/>
Chair: Dr. Tim Black
   Email: eplschr@uvic.ca
   Phone:................................................................................... 250-721-7760
Graduate Program Assistant (Counselling and Educational Psychology):
   Vivian McCormick
   Email: eplscgrad@uvic.ca
   Phone:................................................................................... 250-721-7883
Graduate Program Assistant (Leadership): Andrea Coppard
   Email: leadgrad@uvic.ca
   Phone:................................................................................... 250-472-5005

Faculty Members and Areas of Research
Timothy G. Black, PhD (British Columbia) R. Psych.
   Military to civilian transition, group counselling, Integral psychology, military and civilian trauma; Posttraumatic Stress Disorder (PTSD); counsellor training/education, Integrated Action Therapy (IAT), counselling men

Wanda Boyer, PhD (Southern Mississippi)
   Early childhood and Elementary Education: learning and development, self-regulation and emotion regulation, play therapy, special education, family development, research methodology and designs, and research ethics

Darlene E. Clover, PhD (Toronto)
   Women and leadership, community and cultural activism and leadership, feminist pedagogy, nonformal and adult education, arts-based research and education, international comparative education and research, arts and cultural institutions, environmental adult education and ecological leadership

Carolyn L. Crippen, PhD (North Dakota)
   Servant-leadership, educational history, learning organizations and cultural change, senior and school administration, school board governance, chaos theory, Icelandic culture, teacher education

M. Honore France, EdD (Massachusetts)
   Diversity and cultural issues related to counselling, transpersonal psychology, ecopsychology, Spirituality, Indigenous forms of counselling, working with residential school survivors, group dynamics and international education

Tatiana Gounko, PhD (Alberta)
   Internationalization and educational reform, comparative and international education, higher education, educational administration and leadership, international agencies and educational policy

Allyson Hadwin, PhD (Simon Fraser)
   Self-regulation, motivation and procrastination, emotion regulation, collaborative learning, classroom tasks, environments and technologies for learning, engagement, retention and transitions

Gina Harrison, PhD (British Columbia) R. Psych.
   Cognitive and linguistic processes of reading and writing in children and adults, applied psycholinguistics, neurodevelopmental disorders especially learning disabilities, assessment and intervention in school psychology and special education

E. Anne Marshall, PhD (Toronto) R. Psych., Provost’s Community-Engaged Scholar
   Adolescent and emerging adult transitions and identity, counselling and research in Indigenous communities, cultural approaches to counselling, interdisciplinary and community-engaged research, qualitative inquiry, relational-cultural theory, counsellor skill development, career and life planning

Joan M. Martin, PhD (Notre Dame)
   Child and adolescent development, achievement motivation, emotion and cognition, developmental psychopathology

Donna McGhe-Richmond, PhD (OISE, Tor)
   Inclusive education, teacher beliefs and practices in diverse and inclusive classrooms, teacher education, online teaching, universal design for learning, assistive technology

Catherine McGregor, PhD (Simon Fraser)
   Social justice leadership including democratic, distributed and teacher leadership; leadership for educational innovation; gender and leadership; policy and politics in education; qualitative research genres including narrative and discourse analysis, participatory, feminist, critical, queer and post structuralist approaches to research

Natalee Popadiuk, PhD (Calgary) R. Psych.
   Relational perspectives of international student adjustment; international student career decision-making and university-to-work transitions; international student strengths and successes; middle school students’ cultural identity construction; internationalizing the curriculum; women’s experiences of breast cancer treatment; sibling bereavement experiences during childhood; qualitative research approaches

Jillian Roberts, PhD (Calgary) R. Psych.
   Medically fragile school children, concepts of quality of life, psychology of the individual, program planning, ethics and qualitative research methodology, multimedia applications in educational psychology, children’s sexual education

Susan L. Tasker, PhD (McMaster) CCC
   The human condition, wellbeing, and adjustment in the face of unplanned major life-events such as brain injury and homicidal loss

W. John C. Walsh, PhD (Simon Fraser) R.Psych.
   Cognition and motivation, quantitative methods, multivariate techniques; school psychology, assessment of children with learning problems

Degrees and Specializations Offered
- Counselling Psychology — project-based MA, thesis-based MA
- Indigenous Communities Counselling — project-based MA, thesis-based MA
- Educational Psychology — MEd, MA, PhD
  - Learning and Development
  - Measurement, Evaluation, and Computer Applications
  - Special Education
GRADUATE PROGRAMS

- Leadership Studies — MEd, MA

Counselling Psychology
The Counselling Psychology Graduate Program assists students in developing the knowledge, skills, and understanding necessary to work as professional counsellors in a wide variety of settings. The program is characterized by relatively small classes, ongoing contact with a program supervisor, and a focus on the practicum/internship component of counsellor preparation.

Indigenous Communities Counselling
The Department of Educational Psychology and Leadership Studies in partnership with Indigenous Education in the Faculty of Education and community partners have collaborated to develop a unique graduate counselling program that is relevant to and consistent with the values and traditions of Indigenous communities.

Seven key values and principles, developed together with Indigenous community partners, educators, and helping professionals, guide the program framework and delivery:
• The Indigenous paradigm as central
• The sacred and the spiritual dimension
• The ancestral dimension
• Stories, ceremony, culture, language, and communal healing
• The earth and our relatives
• The circle
• Counselling vocation and practice

Educational Psychology Focus Areas
All Educational Psychology focus areas share foundational courses in learning, development, and measurement. Each focus area builds on this foundation with additional courses, faculty supervision, and culminating theses or projects. This specialization provides externally identifiable areas of expertise as well as programs of study that can flexibly meet individual career goals.

We currently offer three Educational Psychology focus areas:
• Learning and Development
• Measurement, Evaluation and Computer Applications
• Special Education

All Educational Psychology focus areas are characterized by small classes that provide rich dialogue, development of critical thinking skills, and active integration of research and theory with practice. All students are offered individualized mentoring and supervision, and all have opportunities to gain research experience.

Please note that Educational Psychology programs are suitable for achieving advanced TQS standing for previously qualified teachers, but none of our graduate programs lead to BC Teacher Certification.

Learning and Development - This program integrates the psychology of learning and instruction with the psychology of human biological, cognitive, emotional, and social development. The developmental content of this focus area embraces a life-span methodological perspective, but focuses primarily on the first two decades of life. The learning portion of this focus area is applicable across the life-span.

General objectives of the Learning & Development focus area:
• To update students’ knowledge of what is currently known about human learning, self-regulation, and motivation.
• To update students’ knowledge of what is currently known about human development from birth through emerging adulthood.
• To develop students’ ability to critically integrate educational psychology theory and research with their personal observations and professional practices.

- To provide students with opportunities to develop specific research competencies and to teach effective communication of information in both research and applied educational psychology settings.

Measurement, Evaluation and Computer Applications - The Measurement, Evaluation and Computer Applications focus provides students with the opportunity to pursue advanced study in measurement, statistics, evaluation, and technology; and to support individual research investigation of a significant topic within these areas. Topics of interest include large-scale assessment, classroom assessment of student achievement, and educational technology.

The general objectives of the Measurement, Evaluation, and Computer Applications focus area:
• To provide students with current theoretical, research and practical knowledge as a basis for professional development in educational psychology.
• To provide students with opportunities to investigate significant issues in the field of educational psychology.

Special Education - The Special Education focus area provides the opportunity for advanced study in research and practice to support the needs of students with exceptionalities such as students with learning disabilities, emotional and behaviour disorders, sensory impairments, communication disorders, intellectual and physical disabilities, chronic health conditions, or students who are gifted. Practices that promote inclusion, resilience, and the developmental health of exceptional populations across multiple contexts (e.g., school, home, community) are emphasized.

The general objectives of the Special Education focus area:
• To meet the advanced training needs of current or prospective special educators in contemporary research and practice within inclusive education.
• To cultivate professional knowledge and skills in assessing, programming, and supporting individuals with special needs, and to enhance consultative and administrative skills within special education and related health fields.
• To promote research and guide graduate students in empirically examining important issues in special education and related health fields.

Leadership Studies
The University of Victoria offers programs leading to the Master of Education (MEd) and the Master of Arts (MA) in Leadership Studies. These degrees are intended for students with diverse backgrounds who have earned undergraduate degrees. The aim of the program is to broaden understandings of contemporary theories and practices of leadership, education, learning and issues that affect schools, community, and society. Candidates will choose their specific degree, MEd or MA, before entering the program.

We are in the process of developing a PhD program with a focus on social justice, school and/or community emphasis and life-long learning. Presently a PhD in Leadership Studies is offered by Individual Graduate Programs by Special Arrangement (see "Individual Graduate Programs by Special Arrangement (SPARR)"), page 34) with a quota on admissions.

Ethical and Professional Behaviour
Graduate students in the Department of Educational Psychology and Leadership Studies are expected to adhere to a professional code of conduct for the basis of their relationships with peers, faculty and for any children/adolescents for whom they may provide services. Students will be subject to the provisions of the ethical guidelines of their respective professions. Students may be required to withdraw from a course or program when ethical, medical, or other reasons interfere with satisfactory practice in their respective professions.
Facilities
- MacLaurin Building
- McPherson Library
- Curriculum Library

Financial Support
Fellowships and Scholarships
The University of Victoria awards a limited number of Graduate Fellowships for full-time study. No duties are involved. These awards are competitive and are based on academic standing. All students admitted to the program and assessed with a 7.0 or higher GPA will be considered.

A small number of Faculty fellowships, scholarships and awards are available to students, usually in their second year of study.

Students with strong GPAs are encouraged to apply for SSHRC fellowships early in the fall semester. These awards are competitive and compare students on three main criteria: academic excellence, research potential, and communication skills. For more information about these awards see: <www.sshrc-crsh.gc.ca>.

A list of awards and financial support can be found at: <www.uvic.ca/graduatestudies/finances/financialaid/index.php>.

Paid Research Assistantships
Paid research assistantships are available with individual faculty in the department. These assistantships are usually supported through grant funding. They are available to a limited number of qualified students. Students interested in research assistantships should contact faculty members directly.

Paid Teaching Assistantships
Paid teaching assistantships are available within the Department of Educational Psychology and Leadership Studies to a limited number of qualified students. The number of teaching assistantships varies yearly. For information, contact the Graduate Secretary (eplsgsgrad@uvic.ca) and review postings on the departmental website.

Work Study Program
The Work Study Program is funded by the University of Victoria Student Awards and Financial Aid Office. The objective of the program is to provide additional financial assistance through on-campus part-time employment opportunities for students who have documented financial need. The Work Study Program runs from September to April of each academic year and students may earn up to a maximum of $3,400 for this 8 month period. Students may only hold one work study position at one time. Additional information is available online at: <www.uvic.ca/register/financialaid/index.php>.

Co-operative Education and Work Placements
It is possible for graduate students to combine their graduate studies with Co-op education semesters in which they apply knowledge and skills in paid work placements across Canada. This usually involves extending program completion by two semesters. For more information please contact: ephcoop@uvic.ca.

ADMISSION REQUIREMENTS
General
Candidates seeking admission should normally be able to satisfy the entrance requirements of the Faculty of Graduate Studies. Further to these requirements, the Department of Educational and Leadership Studies requires an acceptable bachelor’s degree from an accredited university and normally a grade point average of 6.0 (B+) in the last two years of academic work. Entry to the program is on a competitive basis and enrolment may be restricted in any given year. All applicants should submit a current résumé and a brief letter of intent. Other requirements include information on prerequisite courses, previous field experience, assessment reports, references, and personal statements.

Applicants for admission whose first language is not English should consult www.uvic.ca/education/psychology/future/home/elpr/index.php for English Language proficiency requirements.

Potential applicants may contact the Graduate Program Assistant for application information about specific programs. They may also visit our website: <www.uvic.ca/education/psychology>.

For community based programs, phone: 250-721-7875.

Admission To Master’s Programs
Counselling Psychology
Applicants are expected to have a broad understanding of psychological principles and issues as a result of their academic course work. Thesis-based MA applicants must have at least 1.5 senior undergraduate credit in statistics that cover descriptive statistics including univariate and regression analysis. Thesis-based MA applicants must submit a one-page description of past research experience and present research interest.

Please note: Each year the Department of Educational Psychology and Leadership Studies in Education receives a considerable number of applications for entry into the graduate counselling programs, thus, the admissions process is a competitive one. Meeting admission requirements does not guarantee entry to the program. Only a limited number of places are available, typically 12-16 for on-campus programs and 18 for Community-based programs. Recommendations for admissions are for a particular program and start date, and cannot be deferred. Applicants declining an offer of admission must re-apply. See our web site at: <www.uvic.ca/education/psychology/future/masters/counselling/index.php> for more detailed information and guidelines.

1. An acceptable bachelor’s degree from an accredited university and normally a grade point average of 6.0 (B+) in the last two years of academic work.

2. Applicants are expected to have a broad understanding of psychological principles and issues as a result of their academic course work. All applicants are required to have three units of relevant 3rd or 4th year coursework in Educational Psychology, Psychology or a related helping discipline in the following two areas: Learning/Cognition and Abnormal Psychology/Psychopathology. Thesis-based MA applicants must have at least 1.5 units of undergraduate credit in statistics that covers descriptive statistics and univariate inferential statistics.

3. Completion of prerequisite courses ED-D 414, 417, and 418 with at least a B+ grade. Applicants must have completed ED-D 417 and ED-D 418 by December 31st of the year prior to program start. Applicants who have not completed ED-D 414 (or an equivalent course) prior to application submission may be granted admission to the program conditional on completing ED-D 414 (or equivalent) prior to beginning the program in September. ED-D 414 is usually offered several times throughout the year, including during the summer (July/August) prior to the start of the Master’s program. Applicants applying for equivalency must send course outlines and other supporting information to the Graduate Adviser by November 1st prior to application.

*Note: ED-D 414 and ED-D 417 have changed in unit value to 1.5 units from 3.0 units. ED-D 418 has been added as a prerequisite. As of December 1, 2007, applicants must have ED-D 418 for admission.

4. A significant number of counselling related hours is required that are documented in a complete résumé. Field experience is defined as working in a helping capacity in a counselling-related or teaching-related setting with children, adolescents, or adults. Such experience should involve person-to-person and/or group helping relationships in which (a) the individual plays a facilitative role in learning, personal and emotional growth, and/or psychological development and (b) is required to demonstrate professional and
of their field experience in Indigenous based settings. Field experience is defined as working in a helping capacity in a counseling, helping-related or teaching-related setting with children, adolescents, or adults. 200 hours are recommended.

5. Two Assessment Reports (references to be sent directly to Graduate Records and Admissions) from professors and/or supervisors are required.

6. Applicants are required to submit a minimum of two Counselling Skills Evaluations. One must be from an instructor of ED-D 417 (or equivalent). The other may be from a supervisor of the applicant’s counselling or other applied work setting.

7. A personal statement (3 to 5 pages) describing future work plans and motivation for graduate work in Counselling is also required. Please address the following:

- How your enrolment in the ICCP at the University of Victoria might help you meet important personal and/or community goals. What background and or experience do you have related to helping in Indigenous communities?
- What preferences do you have in terms of course content and style of teaching, skill development, and personal learning?
- What are your strengths and weaknesses as a person, learner, and counsellor?
- What personal and or cultural values are most important to you and how do they influence your views about being a counsellor?
- In what type of setting would you like to work following graduation from a counselling program and with what client population would you like to work?
- Add any other relevant information that you think would help the admissions committee to know about you as a person, a community member and a potential counsellor.

8. Applicants reactivating their file for reconsideration must detail in a letter the actions they have taken to strengthen their new application over the previous one.

9. Applicants requesting admission consideration due to disability must put their request in writing at the time of application, providing an explanation of their situation and appropriate medical or other documentation.

11. As a condition of admission to all Counselling Psychology programs, students must undergo a Criminal Record Check in compliance with the BC Criminal Records Review Act.

Indigenous Communities Counselling

The program is open to both Indigenous and non-Indigenous applicants. Consistent with University of Victoria policy on equity and access, preference will be given to Indigenous applicants and those working in a helping capacity with Indigenous Communities.

1. Applicants are required to have completed a baccalaureate degree with at least a B+ average (78%) in the last two years of course work.

Applicants with less than a “B+” average (6.0 GPA) on their undergraduate degree may be eligible for admission as a Mature Student.

2. In order to be eligible for registration with provincial and national counsellor certification bodies, applicants are expected to have a broad understanding of helping principles and issues as a result of their academic course work. A minimum of 3.0 units of relevant 3rd and 4th year coursework is required, in Aboriginal or Indigenous helping/healing, educational psychology, psychology, child and youth care, or a related helping discipline. Examples include PSYC 330 Personality, ED-D 419 Introduction to Indigenous Helping and Healing, or CYC 338 Applying Developmental Theory in Child and Youth Care. Applicants should provide a list of these relevant courses and the grades obtained with their application.

3. Completion of pre-requisite courses ED-D 414 Group Processes, ED-D 417 Effective Interpersonal Communication, and ED-D 418 Introduction to Theories of Counselling with at least a B+ grade is required. Applicants requesting equivalency must send detailed course outlines (syllabi) and other supporting information to the Graduate Advisor prior to application.

Applicants who have not completed all required pre-requisite courses should be registered in these courses by March 15 of application year and indicate this in their personal statement. Applicants may be offered admission to the program conditional upon completion of whatever required courses are outstanding. All courses must be completed before program start.

4. Successful, relevant field experience must be completed prior to the application deadline and documented in a complete résumé. For the Indigenous Communities Counselling program, we are particularly interested in applicants who have completed all or part of their field experience in Indigenous based settings. Field experience is defined as working in a helping capacity in a counseling, helping-related or teaching-related setting with children, adolescents, or adults. 200 hours are recommended.

Additional information about the Indigenous Communities Counselling program can be found at <www.uvic.ca/education/psychology/programs/graduate/counsellingpsych/community/index.php>.

Please contact our Program Coordinator or current Academic Advisor if you have any questions regarding the application process and/or whether you meet the above admission criteria.

Educational Psychology Focus Areas

General Requirements

- An acceptable bachelor’s degree from an accredited university and normally a grade point average of 6.0 (B+) in the last two years of academic work. Senior undergraduate courses directly related to the
focus area (Special Education, Learning and Development, or Measurement, Evaluation and Computer Applications).

- Two references (assessment reports) from academic or field based contexts.
- A letter of intent outlining research, academic and professional goals specific to the focus area for which they are applying.
- Current curriculum vitae (résumé).
- Criminal Record Check in compliance with the BC Criminal Records Review Act.

Applicants reactivating their file should detail in a letter the actions they have taken to strengthen their new application.

**Prerequisite Courses**

- A senior undergraduate course in educational psychology, instructional psychology, learning theory, or learning principles applied to children (e.g., ED-D 300, ED-D 401).
- A senior undergraduate course in development (life-span, childhood, and/or adolescent development) (e.g., ED-D 305, ED-D 406).
- For the Special Education focus area: A senior undergraduate course in special needs, developmental psychopathology or related course, OR 2 years of related field experience (e.g., providing services to children, youth, or adults with special needs in school or community contexts).
- For the Learning and Development, and Measurement, Evaluation and Computer Applications focus areas: A senior undergraduate course in statistical analysis and/or classroom assessment (e.g. PSYC 300A, ED-D 337).

**Leadership Studies**

Candidates seeking admission should be able to satisfy the entrance requirements of the Faculty of Graduate Studies. Further to these requirements, the Department of Educational Psychology and Leadership Studies requires an acceptable Bachelor’s degree from an accredited University and normally grade point average of 6.0 (B+) in the last two years of academic work. Entry to the program is on a competitive basis, and enrolment may be restricted in any given year. All applicants should submit a brief résumé and a letter of intent.

*Applicants require 3 years of work experience or a leadership role in education, community and/or public service. Recognition is given for experience in school and the community. Course work completed within the last five years, which was not part of the academic work considered for admission, may be eligible for transfer credit towards the Master’s degree. *Applicant must contact leadgrad@uvic.ca prior to applying.

Leadership Studies’ students whose course work or research involves contact with vulnerable populations will be required to undergo a Criminal Record Check in compliance with the BC Criminal Records Review Act.

**Admission to the PhD Program in Educational Psychology**

Admission to the doctoral degree program requires completion of a master’s degree from a recognized university. The completed degree can be with or without thesis.

Applicants who have completed a project-based master’s degree are required to have completed a research paper in which design principles and analytic techniques are demonstrated.

Applicants must have completed ED-D 560 (Statistical Methods in Education) and ED-D 561A (Methods in Educational Research), or their equivalents within their Master’s degree program.

Applicants must submit Graduate Record Examination scores from the verbal, quantitative, and analytical writing sections of the GRE.

Applicants must submit a statement of research experience and interests, a letter of intent, and current curriculum vitae.

Applicants must provide a minimum of one single-authored published or unpublished article that is appropriate to the field of future studies. A copy of the applicant’s master’s thesis, a major paper, published research or a professional report may be submitted to fulfill this requirement.

**Admission to the PhD Program in Leadership Studies**

A limited number of candidates are accepted for a PhD in the Leadership Studies program by Special Arrangement only. Contact the Leadership Studies Program unit for more information.

**Deadlines**

Please consult the department website for specific deadline dates: <www.uvic.ca/education/psychology/index.php>.

**Program Requirements**

**Master’s in Counselling Psychology**

The program requirement for the project-based MA degree is a minimum of 27 units of study. The thesis-based MA degree is a minimum of 28.5 units of study. The following ED-D courses are restricted to graduate students who have been admitted to either the project-based MA or thesis-based MA counselling program, or by permission of the department: ED-D 514, 518, 519 (A, C, D, E, G, H, J, K, L, N, and P), 521, 522, 523, and 524.

**Project-based MA Program Requirements**

A minimum of 27 units of course work is required in the project-based MA program and a comprehensive exam. The program of study includes the following required courses:

- ED-D 503 (1.5) Program Development and Evaluation
- ED-D 514 (1.5) Assessment in Counselling
- ED-D 518 (1.5) Advanced Seminar in Theories of Counselling Psychology
- ED-D 519C (1.5) Ethics and Legal Issues in Counselling
- ED-D 519H (1.5) Career Development and Counselling Across the Life Span
- ED-D 519L (1.5) Group Counselling
- ED-D 519N (1.5) Diversity, Culture and Counselling
- ED-D 522 (3.0) Skills and Practice for Counselling
- ED-D 523 (3.0) Internship in Counselling
- ED-D 561A (1.5) Methods in Educational Research
- ED-D 597 (1.5) Comprehensive Examination
- ED-D 598 (3.0) Project
- Electives (4.5) to be chosen in consultation with student’s supervisor

**TOTAL:** 27.0 units

Electives may be taken from several sources. Each year additional courses in counselling are taught, generally on a rotating basis from the ED-D 519 series. Graduate courses are offered by other sections of the Department of Educational Psychology and Leadership Studies (i.e. Learning and Development, Special Education, Measurement, Evaluation and Computer Applications). As well, there is a range of courses being offered in other graduate programs across campus.

Students may focus on one or more of the following four areas:

- Trauma
- School/Higher Education Counselling
- Aboriginal Counselling
- Addictions

Course approval will be granted by the student’s Supervisor or Graduate Adviser.
The program of study includes the following required courses:

**ED-D 503 (1.5)** Program Development and Evaluation

**ED-D 514 (1.5)** Assessment in Counselling

**ED-D 518 (1.5)** Advanced Seminar in Theories of Counselling Psychology

**ED-D 519C (1.5)** Ethics and Legal Issues in Counselling

**ED-D 519H (1.5)** Career Development and Counselling Across the Life Span

**ED-D 519L (1.5)** Group Counselling

**ED-D 519N (1.5)** Diversity, Culture and Counselling

**ED-D 522 (3.0)** Skills and Practice for Counselling

**ED-D 523 (3.0)** Internship in Counselling

**ED-D 560 (1.5)** Statistical Methods in Education

**ED-D 561A (1.5)** Methods in Educational Research

**ED-D 599 (6.0)** Thesis

Electives (3.0) to be chosen in consultation with student's supervisor

**TOTAL:** 25.5 units

Electives may be taken from several sources. Each year additional courses in counselling are taught, generally on a rotating basis from the ED-D 519 series. Graduate courses are offered by other sections of the Department of Educational Psychology and Leadership Studies (i.e., Learning and Development, Special Education, Measurement, Evaluation and Computer Applications). As well, there is a range of courses being offered in other graduate programs across campus.

Students may focus on one or more of the following four areas:

- Trauma
- School/Higher Education Counselling
- Aboriginal Counselling
- Addictions

Course approval will be granted by the student's Supervisor or Graduate Adviser.

**Program Length**

The project-based MA degree generally takes two years of full-time study on campus to complete. The thesis-based MA degree also requires a minimum of two years of full-time study and often will require at least one additional semester to complete the thesis.

**Master's in Indigenous Communities Counselling**

The program requirement for the project-based MA degree is a minimum of 25.5 units of study. The thesis-based MA degree is a minimum of 28.5 units of study. The following ED-D courses are restricted to graduate students who have been admitted to either the project-based MA or thesis-based MA counselling program, or by permission of the department: ED-D 514, 518, 519 (C, L, P, R and S), 521, 522, 523, 525 and 564A.

**Project-based MA Program Requirements**

A minimum of 25.5 units of course work is required in the project-based MA program and a comprehensive exam. The program of study includes the following required courses:

**ED-D 525 (1.5)** Indigenous Healing and Spirituality

**Thesis-based MA Program Requirements**

A minimum of 28.5 units of study is required in the thesis-based MA program, and includes a thesis and its oral defense. The program of study includes the following required courses:

**ED-D 518 (1.5)** Advanced Seminar in Theories of Counselling Psychology

**ED-D 519C (1.5)** Ethics and Legal Issues in Counselling

**ED-D 514 (1.5)** Assessment in Counselling

**ED-D 522 (3.0)** Skills and Practice for Counselling

**ED-D 523 (3.0)** Internship in Counselling

**ED-D 519R (1.5)** Indigenous Development and Counselling across Generations

**ED-D 519L (1.5)** Group Counselling

**ED-D 564 (1.5)** Indigenous Research and Program Evaluation

**ED-D 519P (1.5)** Trauma Counselling (or other elective)

**ED-D 521 (1.5)** Theory and Practice in Family Counselling (or other elective)

**ED-D 519S (1.5)** Addictions Counselling (or other elective)

**ED-D 597 (1.5)** Comprehensive Examination

**ED-D 598 (3.0)** Project

**TOTAL:** 28.5 units

Students in the project-based MA program may apply to transfer to the thesis-based MA program. Transfer application requires a letter of intent, a minimum 20-page thesis proposal, and a statement of support from a potential thesis supervisor. Only a very small number of transfer students can be accommodated, depending on supervisor match and availability. Transfers would normally be considered in the second year of the program.

**Thesis-based MA Program Requirements**

A minimum of 28.5 units of study is required in the thesis-based MA program, and includes a thesis and its oral defense. The program of study includes the following required courses:

**ED-D 525 (1.5)** Indigenous Healing and Spirituality

**ED-D 518 (1.5)** Advanced Seminar in Theories of Counselling Psychology

**ED-D 519C (1.5)** Ethics and Legal Issues in Counselling

**ED-D 514 (1.5)** Assessment in Counselling

**ED-D 522 (3.0)** Skills and Practice for Counselling

**ED-D 523 (3.0)** Internship in Counselling

**ED-D 519R (1.5)** Indigenous Development and Counselling across Generations

**ED-D 519L (1.5)** Group Counselling

**ED-D 564 (1.5)** Indigenous Research and Program Evaluation

**ED-D 519P (1.5)** Trauma Counselling (or other elective)

**ED-D 521 (1.5)** Theory and Practice in Family Counselling (or other elective)

**ED-D 519S (1.5)** Addictions Counselling (or other elective)

**ED-D 597 (1.5)** Comprehensive Examination

**ED-D 598 (3.0)** Project

**TOTAL:** 28.5 units

Students in the project-based MA program may apply to transfer to the thesis-based MA program. Transfer application requires a letter of intent, a minimum 20-page thesis proposal, and a statement of support from a potential thesis supervisor. Only a very small number of transfer students can be accommodated, depending on supervisor match and availability. Transfers would normally be considered in the second year of the program.
The MA degree is a course and thesis based research degree. The MA is most suited to students who seek a future career involving research and teaching in government, agency, or post-secondary contexts. Thesis work typically advances theory, research, and practice in the field of Educational Psychology. Persons who anticipate proceeding on to a doctoral program should apply for the MA degree. Applicants who enjoy and wish to develop the skills of conducting research, writing, and presenting and publishing academic papers frequently select this degree.

Important features of the MA include:
- Minimum of 21 units (students may take more)
- Minimum of 2 years to complete
- Requires the development of quantitative and qualitative research analyses skills
- Culminates in a research based thesis
- It is a prerequisite for entry into PhD programs

The MEd degree is a primarily course based applied degree that culminates in a major project or paper. The MEd is useful for persons seeking employment or advancement in applied educational settings, community organizations, or the Ministry of Education. Projects and papers emphasize the application of theory and research to practice. The MEd program is useful for applicants who are interested in the development and evaluation of programs and services. Please note that MEd students who wish admission into doctoral programs generally require additional research method courses and must demonstrate their research and writing skill.

Important features of the MEd include:
- Minimum of 19.5 units (students often take more)
- Normally completed within 2 years
- Primarily course-based
- Culminates in an applied project or paper
- Is normally not suitable for entry into a PhD program

Transfer between MEd and MA Programs:
Persons admitted to either degree program may apply for transfer to the other. Please note that transfers are not automatic; each transfer request will be evaluated by faculty before approval. This is normally done in the Spring with the new application reviews.

Program Length
The MEd degree generally takes two years of full-time study on campus to complete. The MA degree also requires a minimum of two years of full-time study and often will require at least one additional semester to complete the thesis.

Learning and Development Focus Area Requirements (MA and MEd)

Required Courses (12 units)
3.0 units in Research and Statistics composed of:
ED-D 560 (1.5) Statistical Methods in Education
ED-D 561A (1.5) Methods in Educational Research
3.0 units in Learning and Development not previously counted above and selected from
ED-D 506 (1.5) Topics in Human Development
- 506A: Cognitive Development
- 506B: Social and Emotional Development
- 506C: Adolescent Development
- 506D: Early Childhood and Middle Years Development
ED-D 570 (1.5) Instruction and Technologies to Promote Self-Regulated Learning and Strategy Use
ED-D 509 (1.5) Psychology of Learning and Instruction
ED-D 501 (1.5) Theory of Measurement
ED-D 560 (1.5) Statistical Methods in Education
ED-D 561A (1.5) Methods in Educational Research
6.0 units in Measurement, Evaluation, and Computer Applications not previously counted above
ED-D 501 (1.5) Theory of Measurement
ED-D 503 (1.5) Program Development and Evaluation
ED-D 562 (1.5) Advanced Statistical Methods in Education
ED-D 591 (1.5) Selected Topics in Measurement, Evaluation and Computer Applications
3.0 units of elective courses chosen in consultation with the student’s supervisor
Degree Completion Requirements for MEd (4.5 units)
ED-D 599 (6.0) Thesis and oral defense
Degree Completion Requirements for MA (6.0 units)
ED-D 597 (1.5) Comprehensive Examination: (Examination structure varies by area)
ED-D 598 (3.0) Project: Educational Psychology and Leadership Studies (Project structure varies by area)
ED-D 599 (6.0) Thesis and oral defense

Measurement, Evaluation, and Computer Applications Focus Area Requirements (MA and MEd)

Required Courses (12 units)
1.5 units in Learning selected from
ED-D 500 (1.5) Learning Principles
ED-D 508 (1.5) Theories of Learning
1.5 units in Development selected from:
ED-D 505 (1.5) Basic Concepts in Human Development
ED-D 506 (1.5) Topics in Human Development
- 506A: Cognitive Development
- 506B: Social and Emotional Development
- 506C: Adolescent Development
- 506D: Early Childhood and Middle Years Development
3.0 units in Research and Statistics composed of:
ED-D 560 (1.5) Statistical Methods in Education
ED-D 561A (1.5) Methods in Educational Research
6.0 units in Measurement, Evaluation, and Computer Applications not previously counted above
ED-D 501 (1.5) Theory of Measurement
ED-D 503 (1.5) Program Development and Evaluation
ED-D 562 (1.5) Advanced Statistical Methods in Education
ED-D 591B (1.5) Selected Topics in Measurement, Evaluation and Computer Applications
3.0 units of elective courses chosen in consultation with the student’s supervisor
Degree Completion Requirements for MEd (4.5 units)
Successful completion of 10.5 units of course work

Compulsory Core Courses: (4.5 units) Students are required to register in ED-D 539A (1.5) Leadership, Learning and Social Justice
ED-D 538A (1.5) Community Leadership and Adult Learning
ED-D 533D (1.5) Concepts and Theories of Leadership in Learning
ED-D 531 (1.5) Concepts and Theory of Organization

Degree Completion Requirements for MA (6.0 units)
ED-D 599 (6.0) Thesis and oral defense

Special Education Focus Area Requirements (MA and MEd)

Required Courses (13.5 units)
1.5 units in Learning selected from
ED-D 500 (1.5) Learning Principles
ED-D 508 (1.5) Theories of Learning
1.5 units in Development selected from
ED-D 505 (1.5) Basic Concepts in Human Development
ED-D 506 (1.5) Topics in Human Development
(any of the following)
- 506A: Cognitive Development
- 506B: Social and Emotional Development
- 506C: Adolescent Development
- 506D: Early Childhood and Middle Years Development
3.0 units in Research and Statistics composed of
ED-D 560 (1.5) Statistical Methods in Education
ED-D 561A (1.5) Methods in Educational Research
7.5 units in Special Education composed of:
ED-D 515 (1.5) Advanced Assessment in Special Education
ED-D 516 (1.5) Advanced Intervention in Special Education
ED-D 568 (1.5) Inclusive Education in the 21st Century
ED-D 569 (1.5) Developmental Psychopathology and Disorders
ED-D 571 (1.5) Advanced Assistive Technology in the Inclusive Classroom
1.5 units of elective coursework chosen in consultation with the student’s supervisor

Degree Completion Requirements for MEd (4.5 units)
ED-D 598 (3.0) Project: Educational Psychology and Leadership Studies (Project structure varies by area)
ED-D 597 (1.5) Comprehensive Examination: (Examination structure varies by area)

Degree Completion Requirements for MA (6.0 units)
ED-D 599 (6.0) Thesis and oral defense

Master’s in Leadership Studies

MEd Program Requirements
The MEd degree requires 18.0 units of study including a thesis (ED-D 599 – 6.0 units) and an oral examination.
Compulsory Core Courses: (1.5 units) Students are required to register in one of the following courses
ED-D 531 (1.5) Concepts and Theory of Organization
ED-D 533D (1.5) Concepts and Theories of Leadership in Learning Contexts: Leadership
ED-D 538A (1.5) Community Leadership and Adult Learning
ED-D 539A (1.5) Leadership, Learning and Social Justice
Compulsory Core Courses: (4.5 units) Students are required to register in the following two courses which are taught in conjunction BUT only after successful completion of 10.5 units of course work
ED-D 561A (1.5) Methods in Educational Research
ED-D 560 (1.5) Statistical Methods in Education

Other Courses: (10.5 units). Students may select from among courses numbered ED-D 531, 532, 533, 534, 535, 536, 537, 538, 539, 541, 542, 590, 591E, 610.
Up to 3.0 units can be in the form of an Independent Directed Study (ED-D 590) and the student is required to find the instructor to teach this course.
Normally up to 4.5 units of electives are allowed from outside of Leadership Studies and faculties across campus. All electives must be at the 500 level and approved by the Graduate Adviser. To obtain approval, students must demonstrate how proposed electives are pertinent to their program of study.
Compulsory Comprehensive Examination (1.5 units): ED-D 597 is the final requirement of the program, which is set three times each year in November, April and late-August. It consists of a three hour written exam in which a candidate is expected to demonstrate the synthesis and application of concepts and theories in Leadership Studies.

MA Program Requirements
The MA degree requires 18.0 units of study including a thesis (ED-D 599 – 6.0 units) and an oral examination.
Compulsory Core Courses: (1.5 units) Students are required to register in one of the following courses
ED-D 531 (1.5) Concepts and Theory of Organization
ED-D 533D (1.5) Concepts and Theories of Leadership in Learning Contexts: Leadership
ED-D 538A (1.5) Community Leadership and Adult Learning
ED-D 539A (1.5) Leadership, Learning and Social Justice
Compulsory courses
ED-D 599 (6.0) Thesis

A total of 3 units in qualitative and/or quantitative research design taken within any faculty at UVic. These will be completed prior to beginning the thesis.
Other Courses: (7.5 units). Students may select from among courses numbered ED-D 531, 532, 533, 534, 535, 536, 537, 538, 539, 541, 542, 590, 591E, 610.
Up to 3.0 units can be in the form of an Independent Directed Study (ED-D 590) and the student is required to find the instructor to teach this course.
Other courses: (3 units). Normally, up to 3 units can be taken from other departments (EDCI, EPHE) in the Faculty of Education or other faculties across campus (permission of supervisor required).

Program Length
The MEd degree program generally takes two years of full-time study on campus to complete. The MA degree also requires a minimum of two years of full-time study and will often require at least one year to complete the thesis.

PhD Program in Educational Psychology
Advanced doctoral studies in Educational Psychology with special focus in one of the following: Special Education; Learning and Development; or Measurement, Evaluation and Computer Applications.
This program prepares students to contribute to theory, research and practice in the field of Educational Psychology relevant to their chosen area of focus. Graduates of the program pursue academic, research, government, and professional careers. The flexibility of the program and breadth of faculty expertise provide students with opportunities to
pursue individualized scholarly and professional goals in close collaboration with faculty supervisors. Students are encouraged to complete a research apprenticeship and an apprenticeship in teaching in higher education.

**Program requirements**

The minimum total number of units required for the PhD program is 46.5 units. The program requires a minimum of 13.5 units of coursework, a candidacy examination (3.0 units), and a dissertation (minimum 30.0 units). Of the 13.5 units of coursework required, all students must take ED-D 660 (Doctoral Seminar in Contemporary Issues in Educational Psychology), and a minimum of 4.5 units of advanced statistics/research methodology.

A student may transfer a maximum of 3.0 units of graduate credits to his/her doctoral program if the course(s) was completed before entering the doctoral program and not used to obtain any degrees. Courses eligible for transfer must be relevant to the program of study and completed within five years of the date of application. The transfer must be approved by the student’s supervisory committee and the graduate advisor for the program area.

**Other Requirements**

PHD students write candidacy examinations in research methodology and in their area of specialization (for example, learning and development) within educational psychology. The format will consist of two written papers followed by an oral examination. In the oral examination, the candidate will be examined in both research methodology and his/her area of specialization. Normally, within thirty-six months of registration as a provisional doctoral student and at least six months before the final oral examination, a student must pass the candidacy examination.

Students are required to submit a report of their progress to their supervisory committee each year by July 1. Failure to submit a report may jeopardize a student’s subsequent registration. The degree requires a minimum of 24 consecutive months from the time of first registration. Students are required to register in every term from the time of admission until the requirements of the degree have been met, or formally withdraw in accordance with regulations set out in the University of Victoria Calendar.

**Program Length**

A minimum residency of one academic year is required. During the residency year, students are expected to be committed full time to their studies. Normally, a student proceeding towards a doctoral degree will be required to complete all the requirements within seven years from the date of first registration in the program.

**Note**

Students who wish to be eligible for registration as a psychologist with the B.C. College of Psychologists must consult the College of Psychologists of British Columbia.

**Graduate Certificate in Learning and Teaching in Higher Education (LATHE)**

The LATHE Graduate Certificate is a 6.0 unit program that is designed for Doctoral students who will be pursuing a career in post-secondary teaching or in other settings where extensive teaching of adults occurs. By completing a series of courses, workshops and guided experiences, students will acquire knowledge of current research, theory and pedagogical skills that will enable them to become effective instructors in higher-education and similar settings.

Students normally will enroll in the LATHE program concurrently with their discipline-based Doctoral studies. During the certificate, students take ED-D 600 (1.5) Learning and Teaching in Higher Education; ED-D 605 (3.0) Educational Psychology; Apprenticeship in Teaching in Higher Education; and ED-D 610 (1.5) Contemporary Issues in Higher Education.

NOTE: The LATHE certificate is not designed to lead to certification as a K-12 teacher in the Public School System.

**Co-operative Education Program**

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Co-op office (located in MCK 112) early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

**Electrical and Computer Engineering**

**GENERAL INFORMATION**

The Department of Electrical and Computer Engineering offers graduate programs leading to the degree of Master of Applied Science (MASc), or a degree of Master of Engineering (MEng), or a degree of Doctor of Philosophy (PhD) in Electrical Engineering. The department also participates in the Co-operative Education program at the graduate level. Research areas include the following:

- biomedical engineering
- communication, signal processing and control
- computer engineering and networking
- computer security and forensics
- electromagnetics and photonics
- electronics and energy
- materials and devices
- software engineering

Further information can be found at the department’s web page at www.ece.uvic.ca/researchareas.shtml.

**Contact Information**

Department of Electrical and Computer Engineering
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Website: <www.ece.uvic.ca>
Chair: Dr. Michael McGuire
Email: ecechair@uvic.ca
Phone: ...................................................................................250-721-8684
Graduate Advisor: Dr. Reuven Gordon
Email: ecegradv@uvic.ca
Phone: ...................................................................................250-721-5179
Faculty Members and Areas of Research

Professors Emeritus
Andreas Antoniou, PhD (London)
- Analog and digital filter design, digital signal processing, electronic circuits, optimization methods

Wolfgang J.R. Hoefer, Dr-Ing (Grenoble)
- Microwave, millimeter wave, optical theory and applications, computational electromagnetics and numerical field modelling, high speed circuit analysis and synthesis, metamaterials, superresolution imaging

R. Lynn Kirlin, PhD (Utah State)
- Statistical signal processing, detection and estimation: speech, sonar, HF and K-band radar, image, seismic; sensor array processing; adaptive filters; noise suppression; pattern recognition, clustering and classification; wavelet and time-frequency analysis; data compression; blind separation of signals and blind deconvolution; spectral design of randomized switching in dc/dc and dc/ac converters

Eric G. Manning, PhD (Illinois)
- Computer networks, distributed computing, multimedia

Adam Zielinski, PhD (Wroclaw)
- Underwater acoustic systems; acoustic communications, telemetry and navigation; application of acoustics, ocean electronic instrumentation, signal acquisition and processing, electronic circuits and sensors

Professors
Panajotis Agathoklis, Dr ScTech (Swiss Fed Inst of Tech)
- Digital signal processing, multidimensional systems, control systems

Amirali Baniasadi, PhD (Northwestern)
- Low-power design, power-aware architectures, VLSI, interconnect, high-performance processors, graphics processing unit

Ashoka K.S. Bhat, PhD (Toronto)
- Power electronic controls, high-frequency link power conversion, resonant and pulse with modulation, power converters for alternative energy sources, design of electronic circuits for power control

Jens Borremann, Dr-Ing (Bremen)
- RF/wireless/microwave/millimeter-wave components and feed systems, ultra-wideband and multi-band RF systems in modern integrated circuits, EM-based computer-aided antenna and component design

Lin Cai, PhD (Waterloo)
- Wireless networks and mobile computing, resource and mobility management, flow and congestion control, medium access control, multimedia services, cross-layer design

David W. Capson, PhD (McMaster)
- Computational vision, algorithms and architectures for accelerated and embedded image analysis, vision-based applications in robotics, metrology, inspection, and servo systems

Thomas E. Darcie, PhD (Toronto) - Tier I Canada Research Chair in Optical Systems for Communications, Imaging and Sensing
- Optical systems, optical communications, fiber-optic systems and technology, broadband networks, microwave/terahertz photonics, optical imaging and image processing systems, broadband applications

Nikitas J. Dimopoulos, PhD (Maryland) - Lansdowne Chair in Computer Engineering
- Computer architecture, power aware computing, neural networks

Xiaodai Dong, PhD (Queen's) - Tier II Canada Research Chair in Ultra Wideband Communications
- Wireless communications theory and systems, ultra-wideband communications, radio propagation, cooperative communications, cognitive radio, green communications, machine-to-machine communications, wireless security, smart grid, nano communications

Peter F. Driessen, PhD (British Columbia)
- Audio and video signal processing, computer music, sound recording, wireless communications, radio propagation

Fayez Gebali, PhD (British Columbia)
- Parallel algorithms, computer communications, computer architecture, computer arithmetic, multicore systems

Reuven Gordon, PhD (Cambridge) - Tier II Canada Research Chair in Nanoplasmonics
- Nanophotonics, plasmonics, biophotonics, biosensors, optical trapping, lab-on-chip devices, nanotechnology and nanofabrication

T. Aaron Gulliver, PhD (Victoria) - Tier I Canada Research Chair in Advanced Wireless Communications
- Wireless communications, ultra-wideband systems, wireless networks, cross-layer design, optical communications, cognitive radio, OFDM and MIMO systems, source coding, algebraic coding theory, information theory, cryptography and security, software radio, communication algorithms, smart grid

Harry H. L. Kwok, PhD (Stanford)
- Advanced materials, electronic devices and IC design, mixed-mode circuits

Kin Fun Li, PhD (Concordia)
- Web mining, human machine interface, computer architecture

Wu-Sheng Lu, PhD (Minnesota)
- Design and analysis of digital filters, wavelets and filter banks, DSP for telecommunications, numerical optimization and applications

Thomas Tiedje, PhD (British Columbia)
- Epitaxial semiconductor and oxide film growth by molecular beam epitaxy; modeling of thin film growth by computational and analytic methods; electronic, optical and structural properties of epitaxial films; optical device fabrication

Issa Traoré, PhD (Institut National Polytechnique, Toulouse)
- Secure information systems, distributed systems, formal methods, requirements specification, object-oriented design and programming

Hong-Chuan Yang, PhD (Minnesota)
- Wireless communications and networks, diversity techniques, performance analysis, cross-layer design, and energy efficient communications

Associate Professors
Michael D. Adams, PhD (British Columbia)
- Digital signal processing; image/video/audio processing and coding; wavelets, filter banks; digital geometry processing; subdivision, computer graphics; multimedia systems; software design and programming techniques; robust and efficient computing in various contexts (e.g., concurrent, high performance, embedded, etc.)

Alexandra Branzan Albu, PhD (Bucharest)
- Computer vision, pattern recognition, image processing, human computer interaction

Tao Lu, PhD (Waterloo)
- Photonic devices, bio-photonics, nano-photonics, optical device fabrication and modelling
Michael L. McGuire, PhD (Toronto)
Model-based and adaptive filtering, digital signal processing and wireless network control

Stephen W. Neville, PhD (Victoria) - Director, ASPIRe Centre
Computer and network privacy and security, engineering of large-scale software systems, artificial intelligence, statistical signal processing and pattern recognition, analysis of big data, data science

Christo Papadopoulos, PhD (Brown)
Nanoelectronics, nanomaterials, nanofabrication and self-assembly

M. Watheq El-Kharashi, PhD (Victoria)

Mazen O. Hasna, PhD (Minnesota)

Daler N. Rakhmatov, PhD (Arizona)

M. Watheq El-Kharashi, PhD (Victoria)

Atef A. Ibrahim, PhD (Cairo)

Mihai Sima, PhD (Bucharest), PhD (Delft)
Computer architecture, reconfigurable computing, circuit design, embedded systems, digital signal processing, speech recognition

Mihai Sima, PhD (Bucharest), PhD (Delft)

Poman P. M. So, PhD (Victoria)
Object-oriented computational electromagnetics, biomedical electromagnetics and instrumentation, computer-aided microwave circuit analysis and synthesis

Adjunct Professors
Mostafa I.H. Abd-El-Barr, PhD (Toronto)
Parallel processing, computer architecture, reliable and fault tolerant computer systems design, digital systems testing, networks optimization, multiple-valued logic systems design

Andrea Basso, PhD (Swiss Fed Inst of Tech)
Multimedia networked services, including speech and video coding, media adaptation and transcoding, multimedia delivery for broadband and wireless networks, caching, scalability and interworking aspects of multimedia

Leonard Bruton, PhD (Newcastle Upon Tyne)
Theory and implementation of real-time analog and digital filters; multidimensional filtering in space-time; 2D, 3D and 4D array processing for the directional filtering of wireless, audio, video and image signals

Kris Caputa, PhD (Victoria)
Electronics for astronomy, adaptive optics, control engineering, analog and digital circuits, sensor arrays, RF and microwaves

M. Watheq El-Kharashi, PhD (Victoria)
Secure hardware, 3D-chips, Systems-on-Chip (SoC), Networks-on-Chip (NoC), Networking Processing Units (NPU’s), multi-core systems, advanced microprocessor design, computer architecture and computer networks education

Haytham El Mitigi, PhD (IUVic)
Multicore Networks-on-Chips, Studying Behavioral Biometrics of Smartphone users

Morteza Esmaeili, PhD (Carleton)
Information theory, public-key cryptography, algebraic coding theory, graphical representation of codes, LDPC codes, iterative decoding algorithms, linear programming decoding, combinatorics (graph theory, finite geometry, design theory), combinatorial and linear optimization

Mazen O. Hasna, PhD (Minnesota)
Digital communication theory and its application to performance evaluation of wireless communication systems over fading channels, cooperative communications, ad hoc networks, cognitive radio, network coding

Atef A. Ibrahim, PhD (Cairo)
Bioinformatics, Digital VLSI design, System-on-Chip design, embedded hardware systems for cryptosystems, computer arithmetics (addition, multiplication, division), hardware implementation for modular arithmetic, parallel algorithms, reconfigurable computing, parallel computing and multicore design

Wei Li, PhD (Victoria)
Wireless communications, ultra-wideband transmission, wireless sensor network, DSP for wireless communication, dynamic spectrum allocation, smart grids

Wyatt H. Page, PhD (Massey)
Acoustics, noise and human health, immersive sound - recording and reproduction, gesture capture for expressive user interfaces, motion capture and biomechanics, multimedia signal processing

Hari C. Reddy, PhD (Osmania)
Circuit Theory; Multidimensional Circuits, Systems and Signal Processing

Dale J. Shpak, PhD (Victoria)
Digital filter design and implementation; digital signal processing for audio, wireless, and wireline systems; embedded, distributed, and concurrent processing; wireless remote sensing systems

Isaac Woungang, PhD (Toulon & Var)
Network security, computer communication networks, mobile communication systems, secure information systems

Hao Zhang, PhD (Victoria)
Wireless communications, ultra-wideband systems, wireless sensor network, cognitive radio, OFDM and MIMO systems, secure communications, internet of things, underwater communications, GPS, compass, satellite communications, 60GHz, underwater vehicle

Degrees and Specializations Offered
Master of Applied Science, Master of Engineering and Doctor of Philosophy in Electrical Engineering and in Computer Engineering.

An intensive one-year course-based program, MEng in Telecommunications and Information Security, is available to provide advanced engineering skills in the telecommunications and information security areas.

The department participates in the Co-operative Education Program in the Faculty of Graduate Studies by individual arrangement. Engineering graduate students may participate in a Co-operative Education graduate program as described in “General Regulations: Graduate Co-op”, page 46.

Facilities
The department has excellent computing facilities and well-equipped laboratories which enable faculty and students to conduct research in communications, signal processing, acoustics, automatic control, computer engineering, software engineering, artificial intelligence, expert systems, electromagnetics, optics, optoelectronics, power electronics, modelling and fault diagnosis of electric machines, VLSI, nanoelectronics, devices and computer architecture. For further details, refer to the webpages of individual research groups on the departmental website at <www.ece.uvic.ca>.

Financial Support
It is the intention of the department to fund MASc and PhD students from research grants, scholarships and fellowships. While there is no guarantee, additional funding may be available though Teaching Assistantships. Students with their own funding will also be considered.

ADMISSION REQUIREMENTS
General
Please apply online by following the steps found at <www.uvic.ca/application>.

Instructions on how to submit your documents are also available from this link. To review your application status, go to “My UVic Application”.

Additional information about graduate studies in the Department of Electrical and Computer Engineering is available at <www.ece.uvic.ca>. Specific information on MEng in Telecommunications and Information Security (MTIS) is available at <www.MTIS.ece.uvic.ca>.

Admission to MTIS Program
Applicants for admission to the MTIS program require a bachelor’s degree in electrical or computer engineering, computer science, or related disciplines, normally with a first-class standing.

Admission To Master’s Programs
Applicants for admission to the master’s programs require a bachelor’s degree, preferably in Engineering. International students normally require a first-class standing.

Admission to the PhD Program
Applicants for admission to the PhD program require a bachelor’s and a master’s degree, preferably in Engineering. International students normally require a first-class standing.

PROGRAM REQUIREMENTS

MEng in Telecommunications and Information Security (MTIS)

Course Requirements
The MTIS consists of nine technical and three professional career development courses for a total of 15 units of course work:
- Three compulsory courses:
  - ELEC 514 Design and Analysis of Computer Communications Networks
  - ELEC 567 Advanced Network Security
  - ELEC 570 Computer Forensics Methodologies
- Three elective courses from List 1
- Three elective courses from either List 1 or 2
- ELEC 591 Professional Foundation
- ELEC 592A Career Development I
- ELEC 592B Career Development II

MTIS List 1 Electives:
- CSC 529 Cryptography
- ELEC 512 Digital Communications
- ELEC 515 Information Theory
- ELEC 516 Advanced Wireless Communications
- ELEC 548 Hardware Security
- ELEC 572 Security, Privacy and Data Analytics
- ELEC 574 Practice of Information Security and Privacy

MTIS List 2 Electives:
- Up to 3.0 units at the 400-level may be taken for credit
- CSC 567 Switching, Network Traffic and Quality of Service
- CSC 569 Wireless and Mobile Networks
- CSC 579 Overlay and Peer-to-Peer Networking
- CSC 578D Topics in Software Applications (Data Mining)
- ELEC 504 Random Signals
- ELEC 511 Error Control Coding
- ELEC 513 Data and Computer Communications
- ELEC 519A Selected Topics in Digital Communications
- ELEC 519B Selected Topics in Computer Communications
- ELEC 519C Selected Topics in Secure Communications
- ELEC 521 Microwave and Millimeter Wave Engineering
- ELEC 522 Antennas and Propagation
- ELEC 535 Data Analysis and Pattern Recognition
- ELEC 569A Selected Topics in Computer Engineering (upon approval)
- ELEC 586 Multiresolution Signal and Geometry Processing with C++
- ELEC 590 Directed Study upon approval

Program Length
The MTIS program will normally be completed in one year (three consecutive academic terms), followed by one to three optional Co-op Internship terms.

MASc Program

Course Requirements
The MASc program consists of a minimum of 7.5 units of course work, plus ELEC 509 Seminar of 1 unit, plus the ELEC 599 MASc Thesis of 12 units.

The course work may include 1.5 units of ELEC 590. Subject to the approval of the department and the appropriate Faculty regulations, the course work may include a maximum of 3 units at the 400-level. In exceptional circumstances the undergraduate course work may include 1.5 units at the 300-level and 1.5 units at the 400-level.

The actual combination of courses is subject to the approval of the supervisory committee and the department.

Thesis
The format of the MASc Thesis is according to faculty guidelines.

Oral Examination
The MASc Thesis must be defended in an oral examination.

Program Length
The MASc program will normally be completed in two years.

MEng Program (non-MTIS)

Admission requirements
In addition to regular University admission requirements, admission to this program requires permission of the department.

Course Requirements
The MEng program consists of a minimum of 12 units of course work, plus ELEC 509 Seminar of 1 unit, plus the ELEC 598 MEng Project of 2 units.

The course work may include a maximum of 3.0 units of ELEC 590. Subject to the approval of the department and the appropriate Faculty regulations, the course work may include a maximum of 3 units at the 400-level. In exceptional circumstances the undergraduate course work may include 1.5 units at the 300-level.

The actual combination of courses is subject to the approval of the supervisory committee and the department.

Final Project
The format of the MEng Final Project is according to faculty guidelines.

Oral Examination
The MEng Final Project must be defended in an oral examination.

Program Length
The MEng program will normally be completed in five terms.

MBA+MEng Double-Degree Program
Together with the School of Business, the department is offering an MBA+MEng double-degree program. Additional tuition fees will apply.
For more information, please contact the Chair of the department or the Graduate Adviser.

**Fast Track Master’s Option**

The Department of Electrical and Computer Engineering offers outstanding undergraduate students an opportunity for a head start in a master’s program. Qualified students will be permitted to enrol in graduate level courses during their fourth year. These courses will be extra to any undergraduate requirements and thus can be transferred to the MASc or MEng degree program. All of the admission and transfer credit regulations of the Faculty of Graduate Studies must be met. For more information, please contact the Chair or the Graduate Adviser of the department.

**PhD Program**

**Course Requirements for students admitted with a Master’s degree**

The PhD program consists of a minimum of 4.5 or 15 units of course work depending on whether the student is admitted with an MASc degree or is transferred to a PhD program from an MASc program, plus the ELEC 693 Candidacy Examination of 3 units, plus ELEC 609 Seminar of 1 unit, plus the ELEC 699 PhD Dissertation of 30-36 units.

The course work may include a maximum of 1.5 units at the 400-level or of ELEC 590.

The actual combination of courses is subject to the approval of the supervisory committee and the department.

**Course Requirements for students transferred from an MASc program**

The PhD program consists of a minimum of 12 units of course work, plus ELEC 693 Candidacy Examination of 3 units, plus ELEC 609 Seminar of 1 unit, plus ELEC 699 PhD Dissertation of 30 units.

The course work may include a maximum of 3.0 units of ELEC 590. Subject to the approval of the department and the appropriate Faculty regulation, the course work may include a maximum of 3.0 units at the 400-level.

The actual combination of courses is subject to the approval of the supervisory committee and the department.

**Candidacy Examination (ELEC 693)**

The PhD Candidacy Examination in the Department of Electrical and Computer Engineering will consist of an Oral Examination. The Oral Examination should be taken and passed not later than three years from initial PhD registration. ELEC 693 is a co-requisite. All registrations in ELEC 699 must be accompanied by registration in ELEC 693 until ELEC 693 is passed.

**Dissertation**

The format of the PhD Dissertation is according to faculty guidelines.

**Oral Examination**

The PhD dissertation must be defended in an oral examination.

**Program Length**

The PhD program will normally be completed in three to four years.

**Co-operative Education**

Participation in the Co-operative Education program, which enables students to acquire knowledge, practical skills and workplace experience, is optional for full-time Master’s and PhD students. Graduation with a co-operative education designation requires master’s students to complete two work terms and PhD students to complete three (a work term consists of four months of full time, paid employment). Students require permission from their academic supervisor and the Co-op coordinator to participate in the Co-op program. Permission may be granted for additional work terms typically to a maximum of four. Interested students should contact the Engineering and Computer Science/Math Co-op office during their first year. Students should also consult “Co-operative Education” on page 55.

**English**

**General Information**

A detailed department Graduate Handbook is available at <english.uvic.ca/graduate>.

**Contact Information**

Department of English
Location: Clearihue Building, Room C343
Mailing Address:
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Clearihue Building, Room C343
3800 Finnerty Road
Victoria, BC V8P 5C2
Canada
Telephone Number: ..........................................................250-721-7230
Fax Number: .................................................................250-721-6498
Email: enginfo@uvic.ca

Website: <english.uvic.ca/graduate>
Chair: Dr. Iain Higgins
Email: englchr@uvic.ca
Phone: ........................................................................250-721-7236
Graduate Adviser: Alison Chapman
Email: gradengl@uvic.ca
Phone: ........................................................................250-721-7236
Graduate Secretary: Colleen Donnelly
Email: englgsec@uvic.ca
Phone: ........................................................................250-721-6331

**Faculty Members and Areas of Research**

G. Kim Blank, PhD (Southampton)
- Romantic poetry; cultural studies; professional writing

Nicholas PR. Bradley, PhD (Toronto)
- Literatures of the West Coast; Canadian literature; American literature; poetry; literature and the environment

Luke Carson, PhD (Calif, Los Angeles)
- Modern American poetry

Lisa A. Chalykoff, PhD (British Columbia)
- Modern and contemporary Canadian fiction and poetry; Canadian literary history; literary regionalism; literary nationalism; First Nations literature; ethnic minority literatures

Alison Chapman, PhD (Glasgow)
- Victorian literature and culture, especially women’s poetry

Misao A. Dean, PhD (Queen’s)
- Canadian novel; postcolonial and gender theory; affective approaches to fiction; maternal and contemporary feminisms; whiteness theory; animals and hunting in literature; travel and exploration narratives, including motorcycling narratives
GRADUATE PROGRAMS

James A. Dopp, PhD (York)
Contemporary Canadian poetry and fiction; critical theory; popular culture

Christopher D. Douglas, PhD (Toronto)
American literature; contemporary American fiction; multicultural American literatures; religion and literature; postmodernism and modernism

Erin Elke, PhD (Toronto)
Restoration and 18th-century literature; 18th-century religious literature; literary stylistics; critical discourse analysis; history of the English language

Joseph Grossi, PhD (Ohio State)
Anglo-Saxon literature and culture; Middle English literature; early East Anglian regional identity; medieval Italian literature

Elizabeth M. Grove-White, PhD (Trinity College, Dublin)
Literacies; electronic communication and social media; digital editions; transactional writing

Iain M. Higgins, PhD (Harvard)
Medieval and Renaissance literature, including early Scottish literature; contemporary poetry; travel and nature writing

Janelle A. Jenstad, PhD (Queen's)
Modern drama; theories of drama and performance; gender studies; composition and writing

Erin E. Kelly, PhD (Maryland)
Renaissance literature; early modern English drama; 16th- and 17th-century religious discourse; history of the book; rhetoric and composition

Gary Kuchar, PhD (McMaster)
Renaissance literature; 17th-century poetry and prose; literature and post-reformation culture; intellectual history; Shakespeare and religion; literary-critical theory

Mary Elizabeth Leighton, PhD (Alberta)
Victorian literature, especially fiction and the periodical press; Victorian book illustration; dance adaptations of Victorian literature; the disciplinary history of English

Robert Miles, PhD (Sheffield, England)
Romantic period, especially Gothic writing and prose fiction

Eric Miller, PhD (Virginia)
Restoration and 18th-century literature; contemporary poetry; nature writing

J. Allan Mitchell, PhD (Dalhousie)
Middle English poetry and prose; rhetoric; ethics; ecology

Michael Nowlin, PhD (Calif, Los Angeles)
19th- and 20th-century American literature; European and American modernism; African-American fiction

Richard Pickard, PhD (Alberta)
Environmental Humanities; ecocriticism; nature writing; 18th-century poetry; literatures of the West Coast; Canadian literature; teaching composition and writing

Sheila M. Rabillard, PhD (Princeton)
Modern drama; theories of drama and performance; gender studies; modern literature

Stephen Ross, PhD (Queen’s)
International modernism (especially the novel); critical theory; Digital Humanities

Jentery Sayers, PhD (Washington)
Digital Humanities; comparative media studies; literary modernism; sound studies; cultural histories of technologies; hybrid pedagogy

Lincoln Shlensky, PhD (Calif, Berkeley)
Postcolonialism; cultural studies; film studies; critical theory; Jewish studies; francophone and anglophone Caribbean literature

Nicole Shukin, PhD (Alberta)
Canadian literature; cultural studies; animal studies; critical theory; cultural histories of capitalism; biopolitics

Raymond G. Siemens, PhD (British Columbia)
Renaissance literature; textual culture; editorial theory; academic publishing; Humanities computing and Digital Humanities; social knowledge

Lisa A. Sumidge, PhD (Toronto)
19th-century British fiction; Victorian book illustration; Victorian serial fiction; Victorian sensation fiction; Victorians and marital violence; judicial and legal writing

Richard van Oort, PhD (Calif, Irvine)
Shakespeare; Renaissance literature; literature and the other disciplines (especially anthropology); literary theory; generative anthropology

Adrienne S. Williams Bayarin, PhD (Calif, Berkeley)
Old and Middle English; Early Middle English; Medieval English history and culture; Marian literature and legends; hagiography (especially women’s); manuscript studies; Medieval anti-Jewish discourse and Christian-Jewish dialogue; law and literature

Samuel G. Wong, PhD (Princeton)
Renaissance literature; Restoration literature; history of science; early modern philosophy

Degrees and Specializations Offered

The Department of English offers a course-only or project-based MA (thesis by special approval only) and PhD degrees in British, Canadian, American, Irish, and Postcolonial Literature, and in Critical Theory. It also offers a PhD and thesis-based MA with a concentration in Cultural, Social and Political Thought (CSPT); a course-only or project-based MA (thesis by special approval only) with a concentration in Literatures of the West Coast (LWC); a course-only or project-based MA with a concentration in Medieval and Early Modern Studies (MEMS), and a course-only or project-based MA with a concentration in Nineteenth Century Studies (NCS).

Facilities

The main research library for the Humanities is the McPherson Library. Collectively, the libraries house over 1.9 million volumes, 40,000 serials, 2.3 million items in microform, and many thousands of records, tapes, compact disks, scores, films and videos. Holdings include primary and secondary titles related to Canadian, British, American, Latin American, African, Asian, and Antipodean literatures. The Library’s special collections total approximately 75,000 volumes, of which about one half are related to the study of English literature. The rare books and valuable manuscripts material from the medieval period to the present day include collections of Herbert Read, John Betjeman, Robert Graves, T.S. Eliot, W.B. Yeats, and Wyndham Lewis.

The library’s online subscriptions and CD-ROM holdings include several of the most notable research indices, including the MLA, the Humanities and Social Sciences, and the Periodicals Contents Indexes. The Library offers an interlibrary loans service for books it does not hold, and subscribes to a variety of electronic journals and article delivery services to provide access to articles in journals not held locally.
Full-service computer labs are available in the Clearihue Building; the library’s online subscriptions provide access to key communications and organizational journals.

Financial Support

Financial support is available to incoming students on a competitive basis. No separate application is necessary; the application for admission also serves as application for Fellowships, Teaching Assistantships, and Research Assistantships. To be eligible, students must maintain continuous full-time registration during the tenure of award, and must have an outstanding academic record (usually a minimum GPA of 7.0 on a 9-point scale). Students may not normally hold another major award (e.g., SSHRC) in conjunction with a Fellowship or Teaching Assistantship.

Students may apply for work as Research Assistants within the University by approaching faculty members directly. All eligible students are encouraged to apply for funding from provincial, federal, and external sources.

MA: The number and value of fellowships, teaching assistantships, and research assistantships awarded to new students varies from year to year, but they are currently valued at $2,500 to $15,000 for one year. Unfortunately, we are unable to fund students beyond their first year. Students applying to the CSPT concentration should approach the CSPT Director for information on fellowships specifically awarded to CSPT students.

PhD: The number and value of fellowships, teaching assistantships, and research assistantships awarded to new students varies from year to year, but they are currently valued at $15,000 to $25,000 per year for four years. In their third or subsequent years, all students may apply to teach first-year English (one section per term, to a maximum of three sections) if they are registered full-time, have maintained a minimum 7.0 GPA, and show scholarly and teaching potential. Students should have completed their Candidacy Examinations before receiving teaching appointments. Students applying to the CSPT concentration should approach the CSPT Director for information on fellowships specifically awarded to CSPT students.

Admission Requirements

General

The admission selection process is competitive. Applications are reviewed by the Graduate Admissions and Records Office and then by the English Graduate Committee, who usually makes admission decisions in February and March. Not all students who meet the minimum requirements can be admitted.

In addition to the application materials required by the Faculty of Graduate Studies (see "Faculty Admissions", page 18), the department requires a statement of intent (not to exceed 1 typed page for MA applicants or 2 typed pages for PhD applicants), a 10-15 page typed essay demonstrating advanced literary and/or critical studies ability, and a CV. GRE scores are not specifically required, but students who have taken the exam are advised to submit the results since a high score can only strengthen their application.

International students whose first language is not English may be required by the Faculty of Graduate Studies to demonstrate competency in English (see "English Language Proficiency", page 19) by providing results of the Test of English as a Foreign Language/TOEFL (with a minimum 630 on the paper-based test or 101 on the internet-based test) or the International English Language Testing System/IETLS (with an overall score of at least Band 7).

Admission to the Master’s Program

September is the primary entry point. Only students who enter in September are eligible for fellowships or teaching assistantships, and a limited number of courses are offered in the Summer.

Admission to the PhD Program

September is the only entry point for PhD students. Admission to the program usually requires an MA degree, with a minimum average of A- in graduate courses. It may be possible for an exceptional student in the University of Victoria MA program to enter the PhD program before completing the MA, but not before the completion of one Winter Session and a superior performance in five graduate courses. A limited number of students may also be admitted each year without funding or if they arrive with fellowship funding.

Concentration in Cultural, Social, and Political Thought (CSPT)

Students applying to the Cultural, Social, and Political Thought (CSPT) concentration—an interdisciplinary graduate concentration open to selected MA and PhD students in English, Environmental Studies, History, Political Science, and Sociology—must meet the admission requirements for the MA or PhD program. MA candidates are expected to have some background in theory; PhD applicants are expected to have a strong competence in theory. Students must apply online, choosing the Concentration in Cultural, Social and Political Thought (CSPT) option for English. If approved by the department, the application will be reviewed by the CSPT Admissions Committee. For full information about the program see http://www.uvic.ca/interdisciplinary/cspt/. Students must meet the core graduating requirements of the individual departments as well as specific requirements of the CSPT Program.

See also the entry for “Concentration in Cultural, Social and Political Thought (CSPT)”, page 115.

Only students who have already been accepted into the MA or PhD program may be admitted to CSPT; however, acceptance to the MA or PhD program does not guarantee admission to the CSPT concentration. The requirements for the concentrations in the departments of Environmental Studies, History, Political Science and Sociology differ from those in English.

Concentration in Literatures of the West Coast (LWC)

The Literatures of the West Coast concentration is an innovative MA program that combines interdisciplinary study of Canadian and US literature with topics in the local histories, environments, and aboriginal traditions of the West Coast. Students applying for admission to the general MA in English should indicate their interest in the Literatures of the West Coast concentration in their Statement of Intent.

The Literatures of the West Coast concentration is open to students from a broad range of disciplines. Applicants from a variety of undergraduate and professional backgrounds are encouraged to apply. Students who are deemed admissible by the Graduate Committee, and who have specified an interest in the Literatures of the West Coast concentration, will be admitted and considered for funding along with those pursuing the general MA degree.

Concentration in Medieval and Early Modern Studies (MEMS)

The Medieval and Early Modern Studies concentration is designed for MA students who wish to make an intensive study of medieval and early modern literature. Students may declare the concentration at any time. Graduates receive an MA in English, with a concentration in Medieval and Early Modern Studies.

The substance of the concentration will vary according to individual interests and annual course offerings.
Concentration in Nineteenth Century Studies (NCS)

The Nineteenth Century Studies concentration is designed for MA students who wish to make an intensive study of Victorian, Romantic, and nineteenth century American and Canadian literatures and cultures. Students may declare the concentration at any time. Graduates receive an MA in English, with a concentration in Nineteenth Century Studies.

The substance of the concentration will vary according to individual interests and annual course offerings; depending on course availability, this concentration can take more than 12 months to complete.

Deadlines

Students who wish to be considered for funding should apply for September entry by January 15. For applicants who hold any post-secondary documents from academic institutions outside of Canada, however, the application deadline is December 15 (applications received after this date will still be accepted, but may not be processed in time to allow registration in September). International MA applications received by April 30 and domestic MA applications received by May 31 will still be considered but may not be eligible for funding. PhD applications received after January 15 cannot be considered.

Program Requirements

The department offers three paths through the MA degree: a course-only degree; a course and research project degree; and a course and thesis degree. The thesis option is usually restricted to students participating in the CSPPT concentration, who are required to complete a thesis. Students doing a concentration in Medieval and Early Modern Studies or Nineteenth Century Studies are required to complete a course-only degree, or course and research project degree.

Students—other than those in the CSPPT, MEMS or NCS concentrations—who wish to pursue a thesis program (or, for LWC students, a thesis or alternative creative, historical, or multimedia project) must find a supervisor willing to direct their thesis or project and must submit for the approval of the Graduate Committee a proposal, a rationale for pursuing the thesis option, and a letter of support from the prospective supervisor. Students in the LWC concentration must also submit a letter of support from the LWC Area Committee Chair. If a student’s proposal is denied by the Graduate Committee, the student will have one opportunity to revise and resubmit; if the proposal is denied a second time, the student will be required to complete the course-only option or the course and research project option.

In designing their programs, students may benefit from consulting the Graduate Adviser and, if applicable, the Area Committee Chairs (for students with an interest in particular fields).

Not all Graduate English courses will be offered in a particular year. Students should consult the department to determine the courses that will be offered each year.

All courses except ENGL 500, 502, 507 and 582 are variable content.

Seminars designated as Area Courses (ENGL 505, 515, 520, 530, 540, 550, 560, 570, 571, 580, 585) offer a study of representative texts (canonical and non-canonical) in light of current scholarly debate in a given field. While remaining attentive to broader interpretive issues, Area Courses will explore some of the most vital critical methodologies now practiced in the field. In any given year, the instructor will select the works and methodologies to be studied. Students may take an Area course in a given field more than once in their program of studies only with the permission of the Graduate Adviser.

Seminars designated as Special Topic courses (ENGL 503, 504, 506, 508, 510, 516, 521, 531, 541, 551, 561, 572, 581, 586) focus on specific topics designed around the current research interests of faculty members. Students may take different Special Topics courses with the same number more than once.

Thesis-based Master’s

Course Requirements for MA

Students are required to complete 7.5 units of English graduate courses, 1.5 units of which will be ENGL 500 (Textual Studies and Methods of Research). ENGL 502 (Teaching Literature and Composition) may not be taken as one of the required courses; however, students are encouraged to take it as an extra course.

Summary of Course Requirements:

| Textual Studies and Methods of Research (ENGL 500) | 1.5 |
| Other English Graduate courses | 6.0 |
| Thesis (ENGL 599) | 7.5 |
| **Total** | **15.0** |

Course Requirements for MA With a Concentration in CSPPT

Students accepted into the CSPPT concentration are required to complete 4.5 units of English graduate courses, 1.5 units of which will be ENGL 500 (Textual Studies and Methods of Research). ENGL 502 (Teaching Literature and Composition) may not be taken as one of the required courses; however, students are encouraged to take it as an extra course. Students are also required to take CSPPT 501 (Contemporary Cultural and Political Thought) plus another 1.5-unit CSPPT course at the 500 level (with permission of the CSPPT Director, a student may substitute a graduate theory seminar taught by a CSPPT faculty member in another department for the 1.5-unit CSPPT course at the 500 level).

Summary of Course Requirements:

| Textual Studies and Methods of Research (ENGL 500) | 1.5 |
| CSPPT 501 | 1.0 |
| One other CSPPT course at the 500 level | 1.5 |
| Thesis (ENGL 599) | 7.5 |
| **Total** | **15.0** |

Course Requirements for MA With a Concentration in LWC

Students accepted into the LWC concentration are required to complete 7.5 units of graduate courses, including ENGL 500 (Textual Studies and Methods of Research) for 1.5 units, and ENGL 582 (Core Seminar in Literatures of the West Coast) for 1.5 units. Of the remaining 4.5 units, 3.0 units must be LWC-tagged courses, such as those in the 583 series or those approved by the Graduate Committee, and 1.5 units may be from a department other than English, to be chosen in consultation with the LWC Area Committee Chair and with approval of the Graduate Adviser. ENGL 502 (Teaching Literature and Composition) may not be taken as one of the required courses; however, students are encouraged to take it as an extra course.

Summary of Course Requirements:

| Textual Studies and Methods of Research (ENGL 500) | 1.5 |
| Core Seminar in Literatures of the West Coast (ENGL 582) | 1.5 |
| Other Graduate courses | 4.5 |
| Thesis (ENGL 599) | 7.5 |
| **Total** | **15.0** |

Thesis

The thesis should be between 18,000 and 27,000 words, excluding notes and bibliography. For students in the CSPPT concentration, the thesis must...
be on an approved topic within the fields of both English and CSPT, and at least two members of the supervisory committee must be drawn from the participating faculty of the CSPT program. For students in the LWC concentration, the thesis must be in the LWC area.

**Other Requirements**

Students must demonstrate a reading knowledge of one appropriate language other than English. The language requirement is usually fulfilled by French, German or Italian, but any other language may be substituted, after consultation with the English Graduate Adviser.

Students in the LWC concentration may use a West Coast aboriginal language to fulfill this requirement, if a qualified examiner can be found. Students also have the option of completing this requirement with at least a "B" in LING 401 (Salish) or LING 403 (Dene—Athabaskan).

Language tests are held in mid-December, mid-March, and mid-July. Students who have a second language at third-year university level on their transcript, with a minimum grade of "B" (or a "Pass," if the course is evaluated on a "Pass" or "Fail" basis), may apply to the Department Graduate Adviser for a waiver of the language test.

Students can satisfy the language requirement in French, German, or Italian by passing FRAN 300, GMST 405 (formerly GER 390) or ITAL 300 respectively (if offered). The minimum passing grade in these courses is "B" (or a "Pass," if the course is evaluated on a "Pass" or "Fail" basis). Students who wish to prepare for the language requirement by taking online courses offered at other institutions are still required to write the language test.

**Oral Examination**

At the final two-hour oral examination, the student gives a 15-20 minute presentation about the thesis, and then answers questions from the Examining Committee and from the general audience.

**Program Length**

With a good Honours BA or a strong Major in English, a full-time student could finish the thesis MA program in 12 months; however, most students take at least 16 months.

**Course-only Master's**

**Course Requirements for MA**

Students are required to complete 15.0 units of English graduate courses, 1.5 units of which will be ENGL 500 (Textual Studies and Methods of Research). ENGL 502 (Teaching Literature and Composition) may be taken as 1.5 units of the required courses.

**Concentration in LWC**

Of the 15.0 units of English graduate courses, students doing a concentration in LWC are required to complete a minimum of 6.0 units of courses in the area of Literatures of the West Coast, including ENGL 582 (Core Seminar in Literatures of the West Coast) for 1.5 units. The remaining 4.5 units must be LWC-tagged courses, such as those in the 583 series or those approved by the Graduate Committee; 1.5 units may be from a department other than English, to be chosen in consultation with the LWC Area Committee Chair and with approval from the Graduate Adviser. Depending on course availability, the course-only LWC concentration can take more than 12 months to complete.

**Concentration in MEMS**

Of the 15.0 units of English graduate courses, students doing a concentration in MEMS are required to complete a minimum of 6.0 units of courses in the medieval and/or early modern areas (choosing from ENGL 510, 515, 516, 520, 521, 530, and 531; if necessary, and if the usual conditions are met, students can also obtain concentration credit through Directed Studies or by taking interdisciplinary courses in the Medieval Studies Program). Depending on course availability, the course-only MEMS concentration can take more than 12 months to complete.

**Concentration in NCS**

Of the 15.0 units of English graduate courses, students doing a concentration in NCS are required to complete a minimum of 6.0 units of courses in the Nineteenth Century Studies areas, such as ENGL 550 and 551, and those approved by the Graduate Committee. Depending on course availability, the course-only NCS concentration can take more than 12 months to complete.

**Summary of Course Requirements:**

| Textual Studies and Methods of Research (ENGL 500) | 1.5 |
| Other Graduate courses | 13.5 |
| **Total** | 15.0 |

**Other Requirements**

Students must demonstrate a reading knowledge of one appropriate language other than English. The language requirement is usually fulfilled by French, German, or Italian, but any other language may be substituted, after consultation with the English Graduate Adviser.

Students in the LWC concentration may use a West Coast aboriginal language to fulfill this requirement if a qualified examiner can be found. Students also have the option of completing this requirement with at least a "B" in LING 401 (Salish) or LING 403 (Dene—Athabaskan).

Students in the MEMS concentration will normally fulfill the language requirement by a language (Latin, French, Spanish, Italian, etc.) appropriate to both the concentration and the student's particular interest. The language should be chosen in consultation with the Graduate Adviser or with the student's Supervisor.

Language tests are held in mid-December, mid-March, and mid-July. Students who have a second language at third-year university level on their transcript, with a minimum grade of "B" (or a “Pass,” if the course is evaluated on a "Pass" or "Fail" basis), may apply to the Department Graduate Adviser for a waiver of the language test.

Students can satisfy the language requirement in French, German, or Italian by passing FRAN 300, GMST 405 (formerly GER 390), or ITAL 300 respectively (if offered). The minimum passing grade in these courses is "B" (or a “Pass,” if the course is evaluated on a "Pass" or "Fail" basis). Students who wish to prepare for the language requirement by taking online courses offered at other institutions are still required to write the language test.

**Program Length**

With a good Honours BA or a strong Major in English, a full-time student could finish the course-only MA program in 12 months; however, most students take at least 16 months.

**Project-based Master's**

**Course Requirements for MA**

Students are required to complete 10.5 units of English graduate courses, 1.5 units of which will be ENGL 500 (Textual Studies and Methods of Research). ENGL 502 (Teaching Literature and Composition) may be taken as 1.5 units of the required courses.

**Concentration in LWC**

Of the 10.5 units of English graduate courses, students doing a concentration in LWC are required to complete ENGL 582 (Core Seminar in Literatures of the West Coast) for 1.5 units, and 3.0 units of LWC-tagged courses, such as those in the 583 series or those approved by the Graduate Committee; 1.5 units may be from a department other than English, to be chosen in consultation with the LWC Area Committee Chair and with approval from the Graduate Adviser.
Concentration in MEMS

Of the 10.5 units of English graduate courses, students doing a concentration in MEMS are required to complete a minimum of 4.5 units of courses in the medieval and/or early modern areas (choosing from ENGL 510, 515, 516, 520, 521, 530, and 531; if necessary, and if the usual conditions are met, students can also obtain concentration credit through Directed Studies or by taking interdisciplinary courses in the Medieval Studies Program).

Concentration in NCS

Of the 10.5 units of English graduate courses, students doing a concentration in NCS are required to complete a minimum of 4.5 units of courses in the Nineteenth Century Studies areas, such as ENGL 550 and 551, and those approved by the Graduate Committee. Depending on course availability, the project-based NCS concentration can take more than 12 months to complete.

Summary of Course Requirements:

| Textual Studies and Methods of Research (ENGL 500) | 1.5 |
| Other English Graduate courses | 9.0 |
| Master’s Essay (ENGL 598) | 4.5 |
| **Total** | **15.0** |

Final Project

Students will complete a 4.5-unit Master's Essay or Project, not to exceed 10,000 words (or the equivalent in digital, editorial, or bibliographical components), plus notes and bibliography. The essay or project will normally be a revised and extended version of an essay or project prepared for one of the student’s courses. It must present an original and cogent argument, and demonstrate the student’s research and writing abilities. For students doing a concentration in LWC, MEMS, or NCS, the topic must be in the relevant concentration areas, as determined by the Graduate Adviser.

Other Requirements

Students must demonstrate a reading knowledge of one appropriate language other than English. The language requirement is usually fulfilled by French, German, or Italian, but any other language may be substituted after consultation with the English Graduate Adviser.

Students in the LWC concentration may use a West Coast aboriginal language to fulfill this requirement, if a qualified examiner can be found. Students also have the option of completing this requirement with at least a “B” in LING 401 (Salish) or LING 403 (Dene-Athabaskan).

Students in the MEMS concentration will normally fulfill the language requirement by a language (Latin, French, Spanish, Italian, etc.) appropriate to both the concentration and the student’s particular interest. The language should be chosen in consultation with the Graduate Adviser or with the student’s Supervisor.

Language tests are held in mid-December, mid-March, and mid-July. Students who have a second language at third-year university level on their transcript, with a minimum grade of “B” (or a “Pass,” if the course is evaluated on a “Pass” or “Fail” basis), may apply to the Department Graduate Adviser for a waiver of the language test.

Students can satisfy the language requirement in French, German, or Italian by passing FRAN 300, GMST 405 (formerly GER 390), or ITAL 300 respectively (if offered). The minimum passing grade in these courses is “B” (or a “Pass,” if the course is evaluated on a “Pass” or “Fail” basis). Students who wish to prepare for the language requirement by taking online courses offered at other institutions are still required to write the language test.

Oral Examination

At the final one and a half-hour oral examination, the student gives a brief 15-minute presentation on the Master’s Essay, and then answers questions from the Examining Committee and from the general audience.

Program Length

With a good Honours BA or a strong Major in English, a full-time student could finish the project-based MA program in 12 months; however, some students take at least 16 months.

PhD Program

Course Requirements

Students are required to complete 6.0 units of English graduate courses beyond those taken as part of an MA program. 1.5 of these units will be ENGL 500 (Textual Studies and Methods of Research), unless a student has already taken it or its equivalent. Students may be required to take courses in areas in which they are deficient. PhD students are not permitted to take ENGL 502 (Teaching Literature and Composition) as one of their required courses; however, they are encouraged to take it as an extra course.

Students accepted into the CSPT concentration must take 3.0 units of CSPT designated courses (with 1.5 units being CSPT 601) plus 3.0 units of English graduate courses (non-CSPT designated), including ENGL 500.

Summary of Course Requirements:

| English Graduate courses | 6.0 |
| Candidacy Examination (ENGL 693) | 6.0 |
| Dissertation (ENGL 699) | 18.0* |
| **Total** | **30.0*** |

* Minimum number of units

Summary of Course Requirements with a Concentration in CSPT:

| English Graduate courses (including ENGL 500) | 3.0 |
| CSPT courses (including CSPT 601) | 3.0 |
| Candidacy Examination (ENGL 693) | 6.0 |
| Dissertation (ENGL 699) | 18.0* |
| **Total** | **30.0*** |

* Minimum number of units.

Candidacy

Within twenty four months of registration as a doctoral candidate and at least six months before the final oral examination, a student must pass a “candidacy examination”. This examination consists of two sections:

1. a Major Field Examination on the area of the student’s specialization, based on a reading list set by the department and reviewed annually; in consultation with the Chair of their Examining Committee and with the approval of the department’s Graduate Committee, candidates may designate texts of particular interest and thereby minimally tailor the exam to their expertise.
2. a Focused Field Examination on a sub-field directly related to the candidate’s anticipated dissertation research, based on a reading list established in consultation with the Chair of the student’s Examining Committee and approved by the department’s Graduate Committee.

Each examination has two components: a written paper and an oral examination. Students must pass both the written and oral components in order to pass a candidacy examination.
Students who have been accepted into the CSPT concentration must write either the Major Field or Focused Field Examination in the CSPT area, and at least two of the committee members for this examination must participate in the CSPT concentration. CSPT will set the exam format and reading list.

Students must pass the Candidacy Examination before advancing to the Dissertation Prospectus and before registering in the Dissertation (ENGL 699).

**Dissertation Prospectus**

The Dissertation Prospectus will normally be completed in the first term of the third year of registration as a doctoral candidate. The Prospectus must be written in consultation with the student’s Supervisor and Supervisory Committee, and must be approved by all members of the Supervisory Committee before further work on the Dissertation begins.

The Dissertation Prospectus and approval process consists of two parts, one written and one oral:

1. a substantial essay and bibliography setting forth the nature of the dissertation project and its anticipated arguments and value.
2. an oral Prospectus Conference with the student’s Supervisory Committee to identify key strengths and weaknesses of, and to gain final approval of, the proposed dissertation research as outlined in the Dissertation Prospectus. The student must provide a written summary of this Conference to the members of the Supervisory Committee, for their endorsement, prior to commencing the Dissertation.

**Other Requirements**

**Language Requirement** - Students must demonstrate a reading knowledge of two appropriate languages other than English. The language requirement is usually fulfilled by French or German, but any other language may be substituted, after consultation with the English Graduate Adviser, if it is appropriate to the student’s dissertation topic. Students who are judged by the Graduate Adviser to have advanced competence in one language may have one of the second language requirements waived.

Language tests are held in mid-December, mid-March, and mid-July. Students who have a second language at third-year university level on their transcript, with a minimum grade of “B” (or a “Pass,” if the course is evaluated on a “Pass” or “Fail” basis), may apply to the Department Graduate Adviser for a waiver of the language test. Students who have received permission from the Graduate Adviser to use Italian as one of their second languages can satisfy the language requirement in Italian by passing ITAL 300. The minimum passing grade in these courses is “B” (or a “Pass,” if the course is evaluated on a “Pass” or “Fail” basis). Students who wish to prepare for the language requirement by taking online courses offered at other institutions are still required to write the language test.

**Instructional Experience** - As an integral part of their program, PhD students are usually expected to undertake teaching duties within the department.

**Dissertation**

The dissertation is expected to be a sophisticated work of the highest possible caliber, and potentially publishable, and should be between 60,000–120,000 words (excluding notes and bibliography).

For students in the CSPT concentration, the dissertation must be on an approved topic within the fields of both English and CSPT, and at least two members of the supervisory committee must be drawn from the participating faculty of the CSPT program.

**Oral Examination**

At the final three-hour oral examination, the student gives a 20-minute presentation about the dissertation, and then answers questions from the Examining Committee and from the general audience.

**Program Length**

Although the University allows students a seven-year period within which to complete their PhD degree, students who wish to be competitive in the job market and in postdoctoral and other grant applications should aim at completing their doctoral program in four to five years.

**Graduate Certificate in Digital Humanities**

The Faculty of Humanities, in partnership with the Digital Humanities Summer Institute and its network, offers a Graduate Certificate in Digital Humanities. Bringing together computational methods and theories with humanities research and pedagogy, this program offers post-graduates, graduate students, academics, librarians and those in extra-academic sectors expertise in the digital dimensions of humanities research in text-, image-, and sound-based media toward proficiency in areas such as computing and information management, multimedia communication, social computing, game design, analysis and data visualization, digital remediation and curation, prototyping, encoding and data processing, and beyond.

Digital Humanities is fundamentally interdisciplinary, engaging fields such as literature, language, history, social justice and the arts. In this context, digital tools are developed, tested and used to support innovative analysis and new conventions for representation, documentation, narration, and expression.

**Certificate Requirements**

DHUM 501, 502, 503, 504, 505 ................................................................. 7.5

DHUM 590 may be substituted for 1.5 units, with permission of the department.

**CO-OPERATIVE EDUCATION**

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

**Environmental Studies**

**GENERAL INFORMATION**

The School of Environmental Studies has three core interdisciplinary research areas in Ecological Restoration, Ethnoecology and Political Ecology. We embrace a full range of learning opportunities spanning natural and social sciences, humanities and traditional ecological knowledge.

Additional information can be found on the web at <web.uvic.ca/enweb/ >.

**Contact Information**

School of Environmental Studies
GRADUATE PROGRAMS

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Director: Dr. Karena Shaw
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Graduate Adviser: Dr. Brian Starzomski
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Phone: ................................................................. 250-853-3564
Graduate Programs Administrative Assistant: Elaine Hopkins
Email: ehopkins@uvic.ca
Phone: ........................................................................ 250-472-5516

Faculty Members and Areas of Research

Natalie Ban, PhD (U of California)
Ethnecology, conservation biology, marine conservation planning, marine and coastal protected areas, GIS, social-ecological systems, marine global change

Eric Higgs, PhD (Waterloo)
Ecological restoration; landscape change; parks and protected areas; culture-nature relationships; technology and culture change

Trevor Lantz, PhD (UBC)
Ethnecology; ethnobotany; global change, disturbance ecology; Arctic ecology and landscape change

Darcy Mathews, PhD (UVic)
Ethnecology, archaeology, ethnobotany, collaborative research methods, indigenous resource management, spatial analysis, ritual and the environment

Ana Maria Peredo, PhD (U of Calgary)
Entrepreneurship, sustainable development, non-profit sector

James Rowe, PhD (U of California)
Political ecology, critical theory, social movement politics, social/solidarity economies, mindfulness and social change

Valentin Schaefer, PhD (SFU)
Ecological restoration; biodiversity; urban ecology; Restoration of Natural Systems Faculty Coordinator

Sybil Seitzinger, PhD (U Rhode Island)
Nutrient biogeochemistry in coastal marine and freshwater ecosystems

Karena Shaw, PhD (Johns Hopkins)
Political ecology; local/global environmental governance; political theory; indigenous politics; sustainable energy systems

Brian Starzomski, PhD (UBC)
Community ecology and conservation biology; climate change and biodiversity; dispersal and spatial ecology; ecological restoration; food webs

Duncan Taylor, PhD (California-Santa Cruz)
Political ecology; history, politics and philosophy of North American conservation and environmental movements; community forestry and ecoforestry; integral systems theory

John Volpe, PhD (UVic)
Ecological restoration; systems ecology; marine conservation and restoration; marine-based food production systems

Visiting, Adjunct and Cross-Listed Appointments

Pamela Asquith, PhD (Oxford)
Anthropology of modern Japan; Japanese views of nature; science, technology and society

E. Richard Atleo, PhD (UBC)
Ethnoecology; Indigenous knowledge; Nuu-chah-nulth worldview; sustainable forestry practices

Brenda Beckwith, PhD (UVic)
Ethnoecology; cultural landscapes; Garry Oak ecosystems; ecological restoration

Jonaki Bhattacharyya, PhD (U Waterloo)
Ethnoecology; resource management; land use planning; applied research for Indigenous communities and nations

Jeremy Caradonna, PhD (John Hopkins)
History of sustainability and deforestation, and conceptions of environmental consciousness.

Rod Davis, PhD (UVic)
Evaluating conservation policy alternatives and adaptive social governance mechanisms to address wildlife resiliency, changing land use, and climate change in the Columbia Mountain region of British Columbia

Wade Davis, PhD (Harvard)
Language loss and the erosion of cultural diversity, protection of the Sacred Headwaters, the Great War and the dream of Everest, the botanical wonder of the world, literary nonfiction and creative writing, photography and ethnographic filmmaking, the role of the storyteller in the modern world

Jessica Dempsey, PhD (UBC)
Political ecology: socioecological injustices, biodiversity loss, drought, poverty, ongoing dispossession, gendered and racialized violence, climate change

Douglas Deur, PhD (Louisiana State)
Ethnoecology; traditional plant use and cultivation on the Northwest Coast

Alan Drengson, PhD (University of Oregon)
Environmental philosophy, philosophy of technology, and philosophy of religion

Donald Eastman, PhD (UBC)
Ecological restoration; wildlife ecology and conservation; biodiversity conservation

Jason Fisher, PhD (UVic)
Mammal and wildlife ecology; landscape ecology and landscape change; spatial dynamics of terrestrial and marine mammal; biodiversity conservation; species restoration

Alejandro Frid, PhD (Simon Fraser University)
Conservation ecology – conflicts between industrial development and terrestrial wildlife; marine multi-species interactions; climate change science

Robert Gifford, PhD (UVic)
Environmental psychology; social psychology; personality psychology; design of built environments
Emily Gonzales, PhD (UBC)
Ecological restoration; conservation biology; invasive species; Garry oak ecosystems; plant community ecology; deer

Purnima Govindarajulu, PhD (UBC)
Ecological restoration; conservation ecology; invasive species

Robert Hancock, PhD (UVic)
Political ecology / ethnecology; Indigenous-state relations (land, resources, animals); megaproject developments; Indigenous methodologies

Richard Hebda, PhD (UBC)
Botanical research on fossil plant remains and the information they provide on evolution and the history of the landscape and climate

Leif-Matthias Herborg, PhD (U. of Newcastle upon Tyne UK)
Aquatic invasive species distribution modelling, impacts, prevention, outreach and management

Thomas Heyd, PhD (Western Ontario)
Environmental philosophy and ethics; environmental aesthetics

Richard Hobbs, PhD (Aberdeen)
Vegetation dynamics and management, fragmentation, invasive species, ecosystem rehabilitation and restoration, conservation biology, and landscape ecology

Morgan Hocking, PhD (UVic)
Community ecology; salmon ecosystem interactions; ecosystem-based management; First Nations resource management

Leslie King, PhD (London School of Economics, London University)
Protected areas and poverty reduction, environmental governance, climate change adaptation and mitigation, Arctic environmental resilience and sustainability.

Steve Kokely, PhD (Carleton)
Permafrost degradation and impacts on geomorphology and terrestrial and aquatic ecosystems; Monitoring of cumulative impacts in the north; Community-based monitoring

Nancy Mackin, PhD (UBC)
Ethnoecology; architecture; environments and culture; traditional ecological knowledge

Tomás Okey, PhD (UBC)
Marine systems; climate change and fisheries impact

Briony Penn, PhD (Edinburgh U)
Protection of endangered species and sensitive ecosystems in British Columbia; natural and cultural history of the Salish Sea

Peter Ross, PhD (Utrecht)
Environmental toxicology; endangered marine animals; collaboration with First Nations communities

Trudi Smith, PhD (UVic)
Visual culture/theory; visual anthropology, anthropology of art and media, ethnographic methods, visual art, photography, social art, parks and protected areas, media practices in conservation

Rachel Standish, PhD (Massey University)
Plant ecology within the field of restoration ecology, persistence times of novel ecosystems, novel ecosystems management

Angeline Tillmanns, PhD (U Ottawa)
Community ecology, freshwater ecology and conservation, integrated watershed management, social-ecological systems, ecological communication

Lewis Williams, PhD (Massey University)
Social well-being and health information such as social epidemiology, with phenomenological data, forms of participatory action research and narrative and arts-based inquiry

Johanna Wolf, PhD (University of East Anglia)
Study of the social responses to climate change, environmental risk perception, environmental policy and environmental citizenship

Sandy Wyllie-Echeverria, PhD (Brigham Young)
Ethnoecology; marine systems conservation and restoration; seagrass ecology and conservation

Degrees and Specializations Offered
MA, MSc and PhD in Environmental Studies.

Facilities
The school is located in the David Turpin building, where we have meeting and collaborative space, labs, and offices. Through cooperative arrangements across campus and with various organizations and agencies, graduate students can gain access to a wide array of facilities. Located on southern Vancouver Island there is easy access to marine, freshwater wetlands, marine, riparian, upland Garry Oak, temperate rainforest and alpine ecosystems. Graduate students also have the opportunity for collaboration with many First Nations, government agencies, environmental and other non-governmental organizations and corporations.

Financial Support
We endeavour to provide significant financial support to all graduate students. This funding comprises several sources. (1) National or Provincial awards are available to those with a first-class grade point average (minimum 7.0 (A-)) but in practice much higher. Eligibility criteria vary with each agency. National fellowship holders may receive an additional award from the university. (2) A limited number of University of Victoria Graduate Fellowships are available to applicants with a GPA over 7.0 (A-). (3) There are a limited number of awards specifically for Environmental Studies graduate students outlined in the awards section of the Calendar. Application and/or nomination for University of Victoria awards and fellowships may only be done once the student has been admitted to the School. (4) Students can also obtain some financial support for their studies as a Graduate Teaching Assistant. These appointments are made by the School of Environmental Studies for qualified students to work as a Teaching Assistant (generally for a maximum of approximately 54,000 per Fall and Spring terms; there are typically fewer Teaching Assistant resources available during Summer Session). (5) Students may also be appointed as a research assistant by their faculty supervisor, and availability will vary significantly among faculty members and from year to year.

Admission Requirements
General
Initial inquiries should be made to individual faculty or the school’s graduate adviser. There are two primary criteria in determining admission: prior academic achievement, and fit with prospective supervisors and the school in general. We encourage applicants to contact us at least a year in advance of program start to discuss research prospects, admissions, and financial support. Links to the application forms can be found on the school’s website.

Applicants whose native language is not English must write the TOEFL (Test of English as a Foreign Language) and submit the scores to the Graduate Admissions and Records Office (see “English Language Proficiency”, page 26) together with their application forms. Even with passing TOEFL scores, students may be required to take English language courses as well as their other course work.

The minimum GPA required for a master’s entry is B+ (6.5 on the University of Victoria 9-point scale) in the last two years of undergraduate study. In practice a higher GPA is typically required for admission. The minimum GPA required for a PhD entry is A- (7.0). Some exceptions may be made, in extenuating circumstances, such as with mature applicants who have achieved significant work experience, who have shown
evidence of ability to complete major projects in a competent and timely manner, and who have demonstrated the knowledge, skills and abilities expected of highly accomplished undergraduate students.

In addition to the documentation required by the Faculty of Graduate Studies (see “Faculty Admissions”, page 25), the School of Environmental Studies also requires transcripts, a statement of research interest (1-2 pages), a brief essay telling us about yourself and highlighting your past accomplishments, evidence of creativity and research potential (1-2 pages) and a CV.

**Admission To Master’s Programs**

Admission requires a bachelor’s degree, preferably in an area of study related to your proposed graduate program, with a minimum overall average of B+, 6.5 on the University of Victoria 9-point scale. In practice a higher GPA is typically required to ensure entry.

Students will apply to enter either the MA or MSc program. The decision about which program is more appropriate will be made by the School’s Graduate Programs Committee, and will be based on several criteria: the student’s academic background; the nature of the proposed project; proposed courses; specialties of the proposed supervisor.

Typically, students entering the program with a Bachelor of Arts degree will continue with a MA degree, whereas students with a Bachelor of Science will enter the MSc program.

Students may complete the program as a full-time or part-time student.

**Admission to PhD Program**

Admission requires a master’s degree, preferably in an area of study related to your proposed graduate program, with a minimum overall average of A-, 7.0 on the University of Victoria 9-point scale. In practice a higher GPA may be required for admission.

All applications will be reviewed by the School’s Graduate Program Committee and students will only be accepted into the program if there is at least one faculty member able, interested, and available to supervise the proposed topic of research.

**Deadlines**

January 15 for admission in September of the same calendar year.

**PROGRAM REQUIREMENTS**

**MA/MSc**

The MA and MSc degree programs are similar in overall program requirements but will vary in the type of elective courses and thesis research.

The graduate program is primarily research based and the final outcome of the program is the presentation and defense of a thesis.

All students are required to attend a 3-day field camp at the beginning of their program (early September) as part of ES 500.

There is no formal residency requirement. However, in practice all students should be in residence in their first term of study, and residency during the first year is encouraged.

**Course Requirements**

A student’s program will include the following core courses:

**Core Courses:**

- ES 500 (1.5) Perspectives on Environmental Theories, Methods and Skills I
- ES 501 (1.5) Perspectives on Environmental Theories, Methods and Skills II
- ES 503 (3.0) MA/MSc Research Colloquium
- ES 593 (1.5) Thesis Proposal Preparation

and at least 3.0 elective units to be taken from within or outside the School with the permission of the student’s supervisor. Up to than 1.5 units may be taken at the 400-level.

Core and elective courses contribute 10.5 units toward the 18-unit minimum degree requirement.

Core courses contribute 6.0-9.0 units toward the 30 unit minimum degree requirement.

**Thesis**

The thesis proposal and thesis are prepared under the direction of the supervisory committee. The committee normally consists of two members: a supervisor and an academic member.

All committee members must be members of the Faculty of Graduate Studies.

The thesis carries 7.5 units of credit.

**Oral Examination**

Once the thesis is judged ready to defend by the supervisory committee, then an application is made for an oral defense. There are deadlines set by the Faculty of Graduate Studies for the timing of this defense. The supervisor will recommend an appropriate external examiner. This member of the examining committee comes from another department or institution, normally has no input in the creation of the thesis, and is an arms-length knowledgeable member. The oral examination is chaired by a neutral faculty member from a separate department, appointed directly by the Faculty of Graduate Studies.

**Program Length**

Most full-time students require 2 years to complete the program; part-time students will require 3-4 years to complete the program.

**PhD**

The PhD degree program is primarily research based and the final outcome of the program is the presentation and defense of a dissertation.

All students are required to attend a 3-day field camp at the beginning of their program (late August-early September) as part of ES 600.

There is no formal residency requirement. However, residency during the first year is encouraged.

**Course Requirements**

A student’s program will include the following core courses:

**Core Courses:**

- ES 600 (1.5) Perspectives on Environmental Theories, Methods and Skills I
- ES 601 (1.5) Perspectives on Environmental Theories, Methods and Skills II
- ES 603 (3.0) PhD Research Colloquium
- ES 693 (3.0) Candidacy Examination

Elective courses may be taken at the discretion of the student and committee.

Students who have taken ES 500 and 501 may at the discretion of the supervisor be exempted from ES 600 and 601.

Core courses contribute 6.0-9.0 units toward the 30 unit minimum degree requirement.

**Candidacy**

To advance to candidacy, students, in consultation with their supervisory committee, will normally prepare a comprehensive reading list, a dissertation proposal, and two major papers (on topics relevant to the PhD research field and decided on by the committee with a focus on topics explored in the reading list). They will then sit for an oral examination related to the proposal and major papers. These
requirements will normally be completed by the end of the second year of full-time study.

Dissertation

Students are required to prepare, submit and defend a dissertation worth 21 units. The dissertation is the culmination of intensive, independent and original research. Each student will have a supervisory committee, comprising three faculty members (to a maximum of four) including the supervisor and co-supervisor (where appropriate). At least one member of the committee (beyond the primary supervisor) will come from outside the School of Environmental Studies, as per the Faculty of Graduate Studies requirements. Supervisory committees will be formed no later than the end of the second term of the student’s program.

All committee members must be members of the Faculty of Graduate Studies.

The dissertation carries 21-30 units of credit.

Oral Examination

Once the dissertation is judged ready to defend by the supervisory committee, then an application is made for an oral defense. There are deadlines set by the Faculty of Graduate Studies for the timing of this defense. The supervisor will recommend an appropriate external examiner. This member of the examining committee comes from another department or institution, normally has no input in the creation of the dissertation, and is an arms-length knowledgeable member. The oral examination is chaired by a neutral faculty member from a separate department, appointed directly by the Faculty of Graduate Studies.

Program Length

Most full-time students require 4 years to complete the program; part-time students will require 5-6 years to complete the program.

Concentration in Cultural, Social and Political Thought (CSPT)

This concentration is available to selected graduate students in English, Environmental Studies, History, Political Science, and Sociology. Students applying for an MA or PhD Program in Environmental Studies may also opt for a concentration in Cultural, Social and Political Thought (CSPT). Students must apply online, choosing the Concentration in Cultural, Social, and Political Thought option for Environmental Studies. If approved by the School, the application will be reviewed by the CSPT Admissions Committee. For full information about the program see www.uvic.ca/interdisciplinary/cspt/. Students must meet the core graduating requirements of the individual departments as well as specific requirements of the CSPT Program. See also the entry for “Concentration in Cultural, Social and Political Thought (CSPT)”, page 3.

An approved Environmental Studies MA program with a CSPT concentration will include:

- 1.5 units CSPT 501
- at least 1.5 units of CSPT 500
- 3.0 units of ES 500 and ES501
- 3.0 units of ES 503
- 1.5 units of ES 593
- a thesis worth from 7.5 units, on an approved topic within the field of cultural, social and political thought, under the direction of a supervisory committee including at least two participating CSPT faculty members to a total of 18 units for the program as a whole including the thesis and CSPT course requirements.

An approved Environmental Studies PhD program with a CSPT Concentration will include:

- 1.5 units CSPT 601
- at least 1.5 units of CSPT 600
- 3.0 units of ES 600 and ES 601
- 3.0 units of ES 603
- 3.0 units of ES 693
- Successful completion of candidacy examinations with one of the two major papers in the field of CSPT.

Students who have taken ES 500 and 501 may at the discretion of the supervisor be exempted from ES 600 and 601.

A dissertation worth 21-30 units on an approved topic within the field of cultural, social and political thought, under the direction of a supervisory committee including at least two participating CSPT faculty members.

**Co-operative Education**

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op co-ordinator, to participate in the Co-op program. Interested students should contact the Environmental Studies Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

### Exercise Science, Physical and Health Education

**General Information**

The School of Exercise Science, Physical and Health Education is an academic department within the Faculty of Education at the University of Victoria. Our mission is to transform and enrich the lives of individuals and communities by creating and sharing knowledge in the areas of exercise science, physical and health education. Prospective graduate students can find further information about our School and our programs on our website: <www.uvic.ca/education/exercise>.

**Contact Information**

School of Exercise Science, Physical and Health Education
Location: McKinnon Building, Room 120
Mailing Address:
School of Exercise Science, Physical and Health Education
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
School of Exercise Science, Physical and Health Education
University of Victoria
Room 120, McKinnon Bldg
3800 Finnerty Rd.,
Victoria, BC V8P 5C2
Canada
Telephone Number: 250-721-8373
Fax Number: 250-721-6601
Website: <www.uvic.ca/education/exercise/>

Director: Dr. John Meldrum
Email: ephe.director@uvic.ca
Phone: ............................................................ 250-721-8382

Graduate Adviser: Dr. Viviene A. Temple
Email: vtemple@uvic.ca
Phone: ............................................................ 250-721-7846

Graduate Secretary: Christine Irwin
Email: epheprogasst@uvic.ca
Phone: ............................................................ 250-721-6682

**Faculty Members and Areas of Research**

**Catherine A. Gaul, PhD (Victoria)**
Exercise physiology, pediatric sport performance, women and exercise, health benefits of exercise as medicine, occupational physiology, fitness testing and exercise prescription.

**Sandra L. Gibbons, PhD (Oregon)**
Team building through physical education, gender equity in physical education, affective domain in physical education, teaching effectiveness, classroom assessment in physical education.

**Timothy F. Hopper, PhD (Alberta)**
School integrated teaching education, teacher games for understanding and electronic portfolios. Action research and qualitative research genres. Social constructivism and complexity theories.

**Sandra R. Hundza, PhD (Victoria)**
Neural control of human movement; motor rehabilitation after injury (e.g. neurotrauma) and with disease and aging. Neural control of balance during walking and coordination of limbs and trunk during rhythmic movement (e.g., walking or cycling); assistive devices and technologies related to mobility.

**Marc Klimstra, PhD (Victoria)**
Biomechanics and motor control of human movement in sport, exercise and rehabilitation.

**Olav E. Krigolson, PhD (Victoria)**
Neuroeconomics, learning, decision-making, motor learning and control.

**Lara Lauzon, PhD (Victoria)**
Teacher wellness, college and university student health and wellness, organizational and workplace wellness, leadership, active health, and media and body image.

**John Meldrum, PhD (Waterloo)**
Sport and recreation administration, leadership and coaching, serious leisure and leisure behaviour.

**Patti-Jean Naylor, PhD (Victoria)**
Socio-ecological and setting-based approaches to health promotion, obesity and chronic disease prevention, dissemination, knowledge translation/exchange, implementation and organizational capacity.

**Douglas R. Nichols, PhD (Oregon)**
Outdoor recreation and leisure for special populations, recreation administration, environmental interpretation.

**Ryan Rhodes, PhD (Alberta)**
Behavioural medicine, psychology of physical activity and sedentary behaviour, social cognitive and personality theories of health behaviour, research methods, and psychometrics.

**Lyneth A. Stuart-Hill, PhD (British Columbia)**
Exercise hematology and immunology, occupational physiology, development of pre-employment physical abilities tests, children and exercise, exercise prescription.

**Viviene A. Temple, PhD (Royal Melbourne Institute of Technology)**
Physical activity for people with disabilities and disadvantaged groups; inclusive pedagogy, movement skills of children.

**S. Joan Wharf Higgins, PhD (British Columbia)**
Health literacy; community-based research; health promotion policy and practice; qualitative research design and methodology; social marketing; determinants of population health.

**Paul Whitiniu, EdD (Auckland)**
Indigenous physical activity, health and wellbeing; Indigenous issues in sport; Indigenous educational leadership; cultural responsive pedagogies; Indigenous ethics and research; Indigenous autoethnography; Indigenous treaty-based rights

**E. Paul Zehr, PhD (Alberta)**
Neural control of human movement; neural mechanisms of arm and leg coordination during rhythmic movement; neuromuscular plasticity associated with training and rehabilitation.

**Degrees and Specializations Offered**

The School of Exercise Science, Physical and Health Education offers master’s programs leading to the following degrees:

- **MA Physical Education**
- **MA Leisure Service Administration**
- **MA Kinesiology**
- **MEd Coaching Studies (Cooperative Education)**
- **MSc Kinesiology**
- **PhD Kinesiology**

**Facilities**

McKinnon Building: classrooms, undergraduate anatomy and physiology teaching labs, human physiology research lab, gymnasiums, pool, dance studio, Institute of Applied Physical Activity, Motion & Mobility Rehab and Movement Knowledge Labs.

MacLaurin Building: rehabilitation neuroscience lab, behavioural medicine lab.

**Financial Support**

All eligible graduate students are encouraged to apply for funding from provincial, federal and external sources. The School of Exercise Science, Physical and Health Education cannot guarantee funding although it is our intention that all graduate students in the first two years of their programs could receive some financial support. This may come in several ways.

**UVic Graduate Award**

Students who have a 6.5 on the UVic grading scale may be nominated by the School for a UVic Graduate Award.

**Sessional Lecturers/Laboratory Instructors/Academic Assistants**

These unionized positions are advertised on the notice board near the Exercise Science, Physical and Health Education General Office and listed on the Exercise Science, Physical and Health Education website at: <www.uvic.ca/education/exercise/graduate/graduate/specialist>.

**Research Assistants**

Individual faculty members with external research grants may employ graduate students as research assistants. The details about these appointments (salary, hours, etc.) are worked out between the individual graduate student and the faculty member.
**Admission Requirements**

**General**

Potential applicants may contact the Graduate Adviser of the School of Exercise Science, Physical and Health Education for application information. However, to pursue formal admission, the student must complete the application provided on the Graduate Admissions and Records Office website <uvic.ca/garo>.

**Admission to Master's Programs**

In addition to the requirements required by the Faculty of Graduate Studies, admission to the master’s graduate programs in the School of Exercise Science, Physical and Health Education requires an undergraduate degree in Exercise Science, Physical and Health Education or related field. Applicants to all MA and MSc programs should include a Letter of Intent, which states their specific area of research interest, include a brief statement of academic and career goals, and identify a faculty member as a possible supervisor. MEd Coaching Studies applicants should include a résumé of their coaching experience and certification levels. Copies of certificates are required as proof of certification.

**Admission to the Doctoral Program**

In addition to the requirements of the Faculty of Graduate Studies, admission to the doctoral program in the School of Exercise Science, Physical and Health Education includes a master’s degree in kinesiology or related field, a letter describing the proposed research topic, two academic referees and a current curriculum vitae.

**Deadlines**

**MSc, MA Programs**

Although applications may be received at any time prior to the start of the entry point desired (September, January, or May), it is recommended that students enter in September when the required courses commence. The recommended deadline is May 31st for domestic applications to enter in the September entry point. For international applicants see the recommended international application deadlines below.

**MEd Coaching Studies Program**

Summer Session (May-August) is the only entry point for this program. The recommended application deadline for domestic applications is March 31st to enter in the May entry point of the same year. For international applicants the recommended deadline is October 15th for entry in the summer of the following year.

**PhD Kinesiology Program**

Applications may be received at any time prior to the start of the entry point desired.

**Note to all applicants:** Applicants who hold any post-secondary documents from academic institutions outside of Canada should follow the international applicant deadlines.

**Recommended International Application Deadlines**

Primarily for VISA applicants and permanent residents whose most recent transcripts are coming from overseas institutions:

- Apply by December 15th for September entry point
- Apply by April 15th for January entry point
- Apply by October 15th for May entry point

**Note to all applicants:** To be eligible for consideration to be nominated by the School of Exercise Science, Physical and Health Education for a UVic Graduate Award, applicants must have accepted an offer to commence their program by July 31st.

**Program Requirements**

**Master of Science in Kinesiology (MSc) – Thesis Option**

This program is predicated on the "Inquiry Approach," allowing students to examine issues and questions related to the specific subdiscipline areas. The design of the program allows for considerable flexibility permitting students to pursue their area of interest under the guidance and advice of their supervisor. A thesis, subject to oral examination, is required.

**Program Requirements: Total = 18 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPHE 573</td>
<td>3.0</td>
</tr>
<tr>
<td>Two of: EPHE 580, 581, 582, 583 or 584</td>
<td>3.0</td>
</tr>
<tr>
<td>Seminar (EPHE 500)</td>
<td>0.0</td>
</tr>
<tr>
<td>Either ED-D 560 or EPHE 585</td>
<td>1.5</td>
</tr>
<tr>
<td>Electives</td>
<td>1.5-3.0</td>
</tr>
<tr>
<td>Thesis (EPHE 599)</td>
<td>7.5-9.0</td>
</tr>
</tbody>
</table>

**Program Length**

Usually two to three years.

**Master of Arts in Kinesiology (MA)**

This program is predicated on the inquiry approach,* allowing students to examine issues and questions related to the specific subdiscipline areas. The design of the program allows for considerable flexibility permitting students to pursue their area of interest under the guidance and advice of their supervisor. A thesis, subject to oral examination, or a project is required.

**Program Requirements: Total = 18 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPHE 573</td>
<td>3.0</td>
</tr>
<tr>
<td>Seminar (EPHE 500)</td>
<td>0.0</td>
</tr>
<tr>
<td>Two of: EPHE 580, 581, 582, 583 or 584</td>
<td>3.0</td>
</tr>
<tr>
<td>Either ED-D 560 or EPHE 585 (or equivalent)</td>
<td>1.5</td>
</tr>
<tr>
<td>Electives</td>
<td>1.5-7.5</td>
</tr>
<tr>
<td>Thesis* (EPHE 599)</td>
<td>7.5-9.0</td>
</tr>
<tr>
<td>Project* (EPHE 598)</td>
<td>3.0-4.5</td>
</tr>
</tbody>
</table>

**Program Length**

Usually two to three years.

*Students complete either a thesis or a project

**Master of Arts in Physical Education (MA) – Thesis Option**

This degree provides the students with the opportunity to develop a program with a specific focus on curriculum development or instructional strategies. Course work provides the knowledge and skills to complete a required thesis, which is subject to an oral examination.

**Program requirements: Total = 18 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar (EPHE 500)</td>
<td>0.0</td>
</tr>
<tr>
<td>EPHE 573</td>
<td>3.0</td>
</tr>
<tr>
<td>Two of: EPHE 580, 581, 582, 583 or 584</td>
<td>3.0</td>
</tr>
<tr>
<td>Complementary course(s) in research techniques</td>
<td>1.5-3.0</td>
</tr>
<tr>
<td>Electives</td>
<td>3.0-6.0</td>
</tr>
<tr>
<td>Thesis (EPHE 599)</td>
<td>4.5-6.0</td>
</tr>
</tbody>
</table>
**Program Length**

Usually two to three years.

**Master of Education in Coaching Studies (MEd) - Project-based Option**

This degree provides students with a program of studies with a particular focus on coaching science. This is a summer-based program and is largely course-based. Twelve units of required courses are completed during July/August over two consecutive summers. An additional three units of elective courses must be completed and may be taken off campus. Students also complete two four-month cooperative work terms and a project.

**Program Requirements: Total = 18 units + 2 work terms (6 units)**

- EPHE 570, 572, 574, 575, 576, 577, 578, 579 ......................................................... 12.0
- Electives (to be determined) ...................................................................................... 3.0
- Project (EPHE 598) ................................................................................................... 3.0
- Cooperative Work Term (EPHE 801) ........................................................................ 3.0
- Cooperative Work Term (EPHE 802) ........................................................................ 3.0

**Program Length**

Usually two years inclusive of two four-month cooperative education work terms.

**Master of Arts in Leisure Service Administration (MALSA) - Thesis or Project-based Options**

This degree is a program of study focusing on administration and management of recreation and leisure service organizations. A major project and comprehensive examination OR a thesis subject to oral examination, are required.

**Program Requirements: Total = 19.5 units**

- ED-D 560 ...................................................................................................................... 1.5
- EPHE 561, 562, 563, 573, & 574 .................................................................................. 7.5
- EPHE 590 (topics to be determined) ........................................................................... 4.5-6.0
- either:
  - EPHE 597 and EPHE 598 .......................................................................................... 4.5
  - or:
  - EPHE 599 .................................................................................................................. 6.0

**Oral Examination**

Only with thesis (EPHE 599) option.

**Program Length**

Usually two years.

**Doctor of Philosophy in Kinesiology (PhD) – Dissertation**

The PhD program in Kinesiology is a research-orientated program designed for students who wish to obtain positions at colleges and universities, work in provincial and federal ministries and other public and private organizations.

**Program requirements: Total = 30 units**

- EPHE 673 ...................................................................................................................... 3.0
- Electives (to be determined) ...................................................................................... 6.0
- EPHE 693 (Candidacy Exam) ...................................................................................... 3.0
- EPHE 699 (Dissertation) ............................................................................................ 18.0

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1. Electives will normally be at the graduate level and will be identified with the approval of the supervisor and in consultation with the supervisory committee. Up to 3.0 units of upper level, undergraduate course work may be used toward the degree with the approval of the supervisor in consultation with the supervisory committee.

2. The candidacy exam will be comprised of two parts: (i) a written part that will include three scholarly papers that are submitted to the supervisory committee. The topics for the papers will be determined in consultation with the supervisor and supervisory committee. (ii) an oral part in which the candidate will present and defend the three written papers to the supervisory committee.

**Program Length**

At least two years.

**Co-operative Education**

Participation in the Co-operative Education program - which is a process of education that integrates students’ academic studies with knowledge, practical skills for employment, and workplace experience - is a mandatory component of the MEd Coaching Studies program. Co-operative education is optional for Master’s and PhD students in other graduate programs in Exercise Science, Physical and Health Education.

Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. In the optional programs, students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Exercise Science, Physical and Health Education Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

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**French**

**General Information**

Faculty members in the Department of French have wide-ranging research and teaching interests in French, Quebec, French-Canadian, African and Caribbean literatures, culture and cinema, as well as in linguistics and applied linguistics.

For more information, please consult our website at <www.uvic.ca/humanities/french>.

**Contact Information**

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PO Box 1700 STN CSC
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Canada
TelephoneNumber: ................................................................. 250-721-7363
Fax Number: ...................................................................................... 250-721-8724
Email: french@uvic.ca
Website: <www.uvic.ca/humanities/french>
Chair: Marc Lapprand
Email: lapprand@uvic.ca
Financial Support

Consideration for financial aid is automatic upon receipt of applications by February 15. Funding is available through the competitive University Fellowship up to a value of $15,000 and may be held for one year, subject to academic performance and full-time enrolment. All eligible applicants are encouraged to and assisted in applying for funding to provincial, federal, and external sources. Please, see the information provided by the Faculty of Graduate Studies at <www.uvic.ca/grad>. Competitive funding is also available for research and teaching assistantships through the department for incoming and continuing students. The amounts may vary from year to year and students are encouraged to apply early.

Admission Requirements

General

Candidates must meet all the general requirements of the University of Victoria Faculty of Graduate Studies <uvic.ca/aroo> as well as the specific requirements of the Department of French. There are three possible entry points – September, January and May – although students entering the program after September may have fewer opportunities for financial aid. FRAN 500, the compulsory course for the French MA degree program, is generally offered in the fall semester.

MA in French Literature, Language & Culture

Admission to either the thesis or the project-based program requires a BA degree in French, or equivalent, with a minimum overall average GPA of 6.5 in third- and fourth-year French courses. This qualification should consist of a minimum of 15 units of senior undergraduate course work in French which would normally include a methodology course and an advanced language course (equivalent to FRAN 390 and FRAN 402 at UVic).

Students with background deficiencies may be required to make up courses before being admitted to the MA program and will then normally require two years for the completion of the degree.

Deadlines

Applications are considered year round. However, to be considered for a UVic Fellowship for September, applications must normally be received by February 15.

Program Requirements

The department offers one MA program in French Literature, Language & Culture, comprising a minimum of 16 units of graduate credit:

• project-based option, designed to be completed in one calendar year
• thesis option, designed to be completed in two years

Project-based Option

1. FRAN 500 (1.5 units)
2. FRAN 501 (1.0 unit)
3. 10.5 units of course work, up to 3.0 units of which may be taken outside the department, but no more than 1.5 units at the senior undergraduate level
4. FRAN 598 (3.0 units): Reading List compiled in consultation with advisers; critical paper and oral examination.
5. A reading knowledge of English and of another appropriate language, in addition to French and English.

The Reading List will normally consist of 30 titles covering a period (e.g., a century), a genre (e.g., drama), a movement (e.g., Surrealism), or a specific topic. Originating in one or more of each student’s courses, the list will offer the student the possibility of specialization in a chosen field and preparation for further study. Evaluation will be by oral examination. The examiners will assess the student’s ability to express himself or herself in a literate and critical way, and to synthesize an extensive amount of reading. The critical paper will be the focus of the oral examination.

Thesis Option

The thesis option is normally by invitation of the departmental Graduate Committee:

1. FRAN 500 (1.5 units)
2. FRAN 501 (1.0 unit)
3. 7.5 units of course work, up to 3.0 units of which may be taken outside the department, but no more than 1.5 units at the senior undergraduate level
4. FRAN 599 (6.0 units): thesis (25,000 word maximum) and an oral defense. The thesis topic selected by the candidate must have the approval of both the Supervisory Committee and the Graduate
Committee. This regulation also applies to any substantial change from the approved topic which the candidate may wish to make in the course of his or her research.

5. A reading knowledge of English and of another appropriate language, in addition to French and English.

**CO-OPERATIVE EDUCATION**

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

**Geography**

**GENERAL INFORMATION**

**Contact Information**

Department of Geography
Location: David Turpin Building, Room B203
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Telephone Number: ..................................................... 250-721-7327
Fax Number: ..................................................................... 250-721-6216
Email: geoginfo@mail.geog.uvic.ca
Website: <www.uvic.ca/geography>
Chair: Dr. Johannes Feddema
Email: geogchair@uvic.ca
Phone: ......................................................................... 250-721-7325
Graduate Adviser: Dr. Dennis Jelinski
Email: jelinski@mail.geog.uvic.ca
Phone: ......................................................................... 250-472-4707
Graduate Secretary: Darlene Li
Email: geograd@mail.geog.uvic.ca
Phone: ......................................................................... 250-721-7350

**Faculty Members and Areas of Research**

David Atkinson, PhD (Ottawa)
Analysis of weather data, Investigating high-latitude storm and storm track dynamics

Rosaline Canessa, PhD (Victoria)
Coastal zone management, marine protected areas, GIS decision making

Denise Cloutier, PhD (Guelph)
Health and aging, palliative care, population health, impacts of restructuring

Maycira Costa, PhD (Victoria)
Primary productivity, carbon budget, remote sensing, wetlands, coastal, Brazil

Stephen F. Cross, PhD (Stirling)
Environmental impacts and management of coastal aquaculture, marine ecology and coastal oceanography

Christopher Darimont, PhD (Victoria)
Ecological and evolutionary processes, natural and human caused, biological diversity

Philip Dearden, PhD (Victoria)
Resources, marine protected areas, conservation, Thailand

David Duffus, PhD (Victoria)
Biogeography, wildlife, marine

Mark S. Flaherty, PhD (McMaster)
Biogeography, wildlife, marine

Johannes Feddema, PhD (Delaware)
Coastal zone management, mariculture, Thailand

Michael Hayes, PhD (McMaster)
Social geographies of health, health inequities and urban structure

Dennis Jelinski, PhD (Simon Fraser)
Landscape ecology, biogeography, conservation of biodiversity

Michele-Lee Moore, PhD (Wilfrid Laurier)
Global, national and provincial water policy networks, resilience of social-ecological systems, social innovation, environmental security

K. Olaf Niemann, PhD (Alberta)
Remote sensing, geomorphology

Ian J. O’Connell, PhD (Victoria)
GIS, cartography, surveying

Alec Ostry, PhD (British Columbia)
Health research in rural and northern communities, nutritional health issues

Daniel Peters, PhD (Trent)
Assessment of climate variability/change, land-use change and flow regulation impacts on hydrological systems in Canada.

Terry Prowse, PhD (Canterbury)
Climate impacts on hydrology and aquatic ecosystems

Reuben Rose-Redwood, PhD (Pennsylvania)
Urban geography, cultural landscape studies, history of geographical thought

Randall Scharien, PhD (Calgary)
Microwave remote sensing, Arctic and Antarctic

Dan J. Smith, PhD (Alberta)
Geomorphology, dendrochronology

Simon Springer, PhD (British Columbia)
Political and development geographies

Frederick J. Wrona, PhD (Calgary)
Aquatic ecology and eco-toxicology, biostatistics and quantitative ecology

**Adjuncts and Cross-Listed Appointments**

René I. Alfaro, PhD (SFU)
Quantifying pest damage to forests of BC; genetic resistance to pests
Edward H. Allison (Liverpool)  
Coastal and marine social-ecological systems, particularly small-scale fisheries

Bernard O. Bauer, PhD (Johns Hopkins)  
Process geomorphology, hydrology, sediment transport

S. Jean Birks, PhD (Waterloo)  
Development and application of isotope tracer techniques to understand the hydrological cycle

Barry R. Bonsal, PhD (Saskatchewan)  
Climatology, Western Canada

Max. L. Bothwell, PhD (Wisconsin-Madison)  
Effects of ultraviolet radiation on freshwater ecosystems

Charles Burnett, PhD (Turku)  
Spatial modelling, remote sensing, GIS

Habib Chaudhury, PhD (Wisconsin)  
Gerontology, research on personhood in dementia

John Clague, PhD (British Columbia)  
Earth sciences, quaternary science

Robert Crabtree, PhD (Idaho)  
Ecological forecasting; ecosystem and population ecology; predator-prey relations and behavioral ecology

Michael Demuth, BSc (Calgary)  
Impact of climate change on the Cryosphere; glacier water resources, snow-glacier mass balance

Yonas Dibike, PhD (Defi)  
Hydro-climatology, hydrology and water resources related environmental studies

Bruce Downie, PhD (UVic)  
Conservation, protected areas, tourism, sustainable livelihoods, eastern and southern Africa

Frank Duerden, MA (Manitoba)  
Urban geography, resource management, First Nations land allocation, planning and economic development, geography of Northern Canada

Thomas Edwards, PhD (Waterloo)  
Isotope hydrology

Cosmin Filipescu, PhD (Guelph)  
Ecotoxicology and aquatic food web ecology

Hugh French, PhD (Southampton)  
Fluvial and periglacial geomorphology

James S. Gardner, PhD (McGill)  
Geomorphology, natural hazards and resource management in mountain areas

John Gibson, PhD (Waterloo)  
Isotope hydrology

Jim Gower, PhD (Cambridge)  
Remote sensing

John R. Harper, PhD (Louisiana State)  
Coastal habitat mapping and characterization, to oil spill impacts on shorelines and to marine biophysical classification systems

Ellen Hines, PhD (Victoria)  
Environmental impacts and management of coastal resources

Sophia C. Johannessen, PhD (Dalhousie)  
Ocean optics, carbon cycle, climate change

Leslie A. King, PhD (London School of Economics)  
Natural resources and environmental studies

Olav Lian, PhD (Western Ontario)  
Quaternary environments, sedimentology, stratigraphy, geomorphology

Douglas G. Maynard, PhD (Saskatchewan)  
Forestry, soil sustainability

Christiana Miewald, PhD (Kentucky)  
Food security among vulnerable populations; rural and urban health issues; gender and economic restructuring

Grant Murray, PhD (Michigan)  
Coastal communities, marine protected areas

Trisalyn Nelson, PhD (Wilfrid Laurier)  
Geomatics, advanced spatial analysis, spatial statistics, GIS

Nathanial K. Newlands, PhD (British Columbia)  
Mathematical modeling of environmental phenomena; spatially explicit crop yield prediction methods

O’Hara, Patrick, PhD (SFU)  
Seabird foraging ecology, marine conservation, maritime anthropogenic disturbances

Paul Paquet, PhD (Alberta)  
Interdisciplinary conservation

Christopher M. Pearce, PhD (Laval)  
Coastal ecosystems and resources

Michael Phillips, PhD (West of England)  
Coastal processes; coastal tourism; impacts of climate change

Clifford Robinson, PhD (British Columbia)  
Marine protected areas, coastal ecosystems, ecosystem modelling

Rick Rollins, PhD (Washington)  
Parks and protected areas, tourism and recreational behaviour, research methods

Mark Seemann, PhD (Victoria)  
Disaster and emergency management; risk mitigation

Janis Shandro, PhD (British Columbia)  
International extractive sector; health impact assessment; environmental and social corporate performance; extractive impacts on Indigenous Peoples

Tara E. Sharma, PhD (British Columbia)  
Parks and protected areas, land-use/land-cover changes, scenario modeling, remote sensing, GIS

Pamela Shaw, PhD (Victoria)  
Community-based research, geographic communication

Kevin Telmer, PhD (Ottawa)  
Aqueous geochemistry

Nancy Turner, PhD (British Columbia)  
Ethnobotany; traditional land management systems and traditional ecological knowledge of British Columbia First Nations

Stephen Tyler, PhD (Berkeley)  
Climate change and adaptation, urbanization and development, Institutional and soci-economic issues

G. Cornelis van Kooten, PhD (Oregon State)  
Environmental studies and climate; energy, forest, agriculture economics

Ian J. Walker, PhD (Guelph)  
Sediment transport and erosion: coastal, desert, rivers, dunes

Meghan Winters, PhD (British Columbia)  
Cycling health; transportation

Michael Wulder, PhD (Waterloo)  
Remote sensing, spatial statistics forest inventory, GIS, LIDAR
GRADUATE PROGRAMS

Yi Yi, PhD (Waterloo)
  Isotope hydrology
Mark Zacharias, PhD (Guelph)
  Marine conservation, ecology, land use planning, GIS

Degrees and Specializations Offered
The Department of Geography offers courses of study and research leading to Master of Arts, Master of Science and Doctor of Philosophy degrees.

Financial Support
Students wishing to be considered for a University of Victoria Fellowship must submit their application by January 15 for admission in September, May or January of the same academic year. No separate application is necessary. An extensive list of awards is available at the Faculty of Graduate Studies website: <www.uvic.ca/gradstudies/fund/funding.html>.

The department employs a number of teaching assistants, and graduate students are given priority in the assignment of these positions. Assistantships of one, two or three laboratories per week (2, 4 and 6 contact hours) are available. The department may be able to award a limited number of graduate awards to teaching assistants and research assistants subject to availability.

Individual faculty members may also have research assistantships available for graduate students. Students are encouraged to apply for grants and fellowships from external agencies, including the Social Sciences and Humanities Research Council (SSHRC), the Natural Sciences and Engineering Research Council (NSERC), Canadian Institute of Health Research, and Commonwealth Scholarships. Information on the above is available from the Faculty of Graduate Studies.

ADMISSION REQUIREMENTS

General
Admission to the departmental graduate program is normally granted only to students having Honours or Major degrees with first or second class standing in geography (at least a B+ average; 6.00 GPA). Students from the British Isles, for example, are expected to have obtained at least an upper second class Honours degree. A promising student lacking such qualifications may be allowed to make up this deficiency, being required to register as an unclassified student.

As part of the application requirements for graduate programs in Geography, all applicants must submit a brief letter of intent outlining their study background and areas of research interest.

Inquiries concerning the graduate program should be addressed to the Graduate Studies Adviser, Department of Geography via email at: <gradadvisor@geog.uvic.ca>. Further information about the department is available through the department’s website: <www.geog.uvic.ca>.

Application forms for admission, which include the indication of need for financial assistance, can be obtained directly from Graduate Admissions and Records website: <www.uvic.ca/garo>.

Deadlines
There are three possible admission dates to the Geography Graduate program: September, January and May, but completed applications must arrive three months before the expected entry date for Canadian applications. Because of visa requirements international students should complete the application process at least six months in advance. If a student is completing an undergraduate program, a letter of degree completion will be required. Applications received thereafter may be considered, providing space is available, or will be considered for admission on a following admission date.

If a student has successfully completed a core course, or one similar in topic, as part of an earlier degree requirement, that course must be replaced by another of equal unit value. The choice of course must be made in consultation with the supervisory committee. Approval for course replacement is requested via a memo from the Supervisor to the Graduate Adviser stating justification for the request, which must be approved by the Graduate Adviser.

PROGRAM REQUIREMENTS

The graduate program is primarily research based and the final outcome of the program is the presentation and defense of a thesis or dissertation. The graduate program does require attendance at formal courses.

If a student has successfully completed a core course topic as part of an earlier degree requirement, that course must be replaced by another of equal unit value, the choice being made in consultation with the supervisory committee and approved by the Graduate Adviser.

All graduate students are expected to attend a field camp at the beginning of their studies, and to attend the department’s colloquium presentations during their residency period.

Thesis-based Master’s Program

Course Requirements
The Masters program requires a total of 19 units as follows:

1. a minimum of 7.5 units of coursework including:
   a) GEOG 500A (1.5) and GEOG 500B (1.5)
   b) one of GEOG 518, 523, 524 (1.5) or another ‘methods’ based course on recommendation of the supervisory committee as approved by the Graduate Adviser.
   c) One of GEOG 536, 537, 538, 539 (1.5)
   d) One of GEOG 591, 590 (1.5) or another special topics course on recommendation of the supervisory committee as approved by the Graduate Adviser.

Additional courses may be recommended on advice of the supervisory committee
2. GEOG 599 (11.5) Thesis

Program Length
The term of residency for Master’s students is normally two years.

PhD Program

Course Requirements
The Doctoral program requires a total of 31.5 units as follows:

1. a minimum of 7.5 units of coursework including:
   a) GEOG 500A (1.5) and GEOG 500B (1.5)
   b) one of GEOG 536, 537, 538, 539 (1.5) or another advanced course on recommendation of the supervisory committee and as approved by the Graduate Adviser.

Additional courses may be recommended on advice of the supervisory committee
2. GEOG 693 (3.0) (Candidacy Examination) during terms in which students are preparing for and writing their PhD Candidacy Examinations. PhD students in Geography must sit their Candidacy Exams by 18 months after entry into the program and no sooner than 6 months prior to the final oral examination
3. GEOG 699 (24.0) Dissertation

Program Length
The term of residency for PhD students is normally three years

Co-operative Education
Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students.
Research undertaken during the work term is intended to relate to the student’s research interest area. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Geography Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

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**Germanic and Slavic Studies**

**GENERAL INFORMATION**

The Department of Germanic and Slavic Studies offers an MA program with specialization in Germanic, Slavic, and Holocaust Studies. Students apply for one of these three streams, which share some required foundation courses. The program offers a broad chronological and thematic coverage of Germanic and Slavic cultures with the areas of special strength in second-language acquisition, film studies, modern literatures, and Ukrainian studies. The Holocaust Studies stream offers courses on the history and legacy of the Holocaust examining how the Holocaust has been historicized, represented, taught, memorialized and commemorated in contemporary society and culture.

For further information or any updates please visit the department website.

**Contact Information**

Department of Germanic and Slavic Studies  
Location: Clearihue D243  
Mailing Address:  
PO Box 1700  
STN CSC  
Victoria, BCV8W 2Y2  
Canada  
Courier Address:  
CLE D243  
3800 Finnerty Road  
Victoria, BCV8P 5C2  
Canada  
Telephone Number: 250-721-7316  
Fax Number: 250-721-7319  
Email: geru@uvic.ca  
Website: [www.uvic.ca/humanities/germanicslavic](http://www.uvic.ca/humanities/germanicslavic)  
Chair: Dr. Helga Thorson  
Email: helgat@uvic.ca  
Phone: 250-721-7320  
Graduate Adviser: Dr. Megan Swift  
Email: maswift@uvic.ca  
Phone: 250-721-7504  
Graduate Secretary: Irina Gavrilova  
Email: geru@uvic.ca  
Phone: 250-721-7316

**Faculty Members and Areas of Research**

**Peter Goîz, PhD (Queen’s)**  
Literary theory; contemporary literature; CALL; film; vampires

**Elena Pnevmonidou, PhD (McG)**  
Classicism and romanticism; literature of the Weimar period and expressionist film; literary theory and gender studies

**Charlotte Schallie, PhD (Brit Col)**  
20th and 21st century German, Swiss and Austrian literature and culture; memory studies; diasporic writing; the Shoah in literature and film; ecocriticism

**Ulf Schuetze, PhD (Brit Col)**  
Second language acquisition and pedagogy; intercultural communication; CALL; applied linguistics

**Megan Swift, PhD (Toronto)**  
Russian modernism and postmodernism; Petersburg texts; narrative and genre theory; literature of emigration and exile

**Helga Thorson, PhD (Minnesota)**  
Late 19th and early 20th century literature; German colonialism; women’s literature; holocaust studies; foreign language pedagogy; CALL

**Serhy Yekelchyk, PhD (Alberta)**  
Culture and identities in Russia and Eastern Europe; Stalinism; 20th century Ukraine

**Associate Members**

**John Dingley, PhD (UCLA)**  
Russian language, Finnish language, Slavic linguistics, Nordo-Slavic contacts

**Matthew Pollard, PhD (McG)**  
Heinrich von Kleist; cultural and film studies; expressionism; Leni Riefenstahl

**Olga Pressitch, PhD (Shevchenko Inst. of Lit., Ukraine)**  
Eastern European cinema, second-language pedagogy, Ukrainian literature in postwar Canada.

**Julia Rochtchina, PhD (Moscow)**  
Language pedagogy; information technology; e-learning

**Degrees and Specializations Offered**

Thesis-based MA in Germanic and Slavic Studies, either a Germanic Studies stream or a Slavic Studies stream.

**Facilities**

The University’s library holdings are good and provide a solid basis for graduate research. A highly effective interlibrary loan service created by a special agreement among Western Universities offers easy access to any materials not available locally.

The department provides its graduate students with office space and computer facilities. In addition, there is a reading room well equipped with reference materials.

**Financial Support**

University of Victoria Fellowships ($10,000-$15,000) may be awarded annually to students of high academic standing registered full-time in the Faculty of Graduate Studies as candidates for the degree of MA.

Teaching or Research Assistantships may be obtained from the University Faculty of Graduate Studies as candidates for the degree of MA.

The University of Victoria Tuition Assistance Bursary Fund offers assistance through employment in the department.

Various other Scholarships, Awards, Bursaries and Prizes are administered by the Faculty of Graduate Studies.

Detailed information on awards and application procedures and deadlines is available at the Faculty of Graduate Studies’ website: [www.uvic.ca/graduatestudies](http://www.uvic.ca/graduatestudies).
**GRADUATE PROGRAMS**

**ADMISSION REQUIREMENTS**

**Admission to the Master’s Program**

All candidates for the MA streams in Germanic Studies and Slavic Studies must meet all general requirements of the Faculty of Graduate Studies, as well as the specific requirements of the Department of Germanic and Slavic Studies.

Students may enter the program in September only. All application materials, including a Letter of Intent offering comment on the applicant’s intended course of studies, must be submitted to the Graduate Admissions and Records Office.

Admission to the program normally requires a Bachelor’s Degree (Major in Germanic or Slavic Studies) with a minimum overall average of B+ (6.0 GPA), or a Bachelor’s Degree (Major in Germanic or Slavic Studies) with a minimum average of A- (7.0 GPA) in the final year’s work.

Admission to the M.A. program in Holocaust Studies normally requires a Bachelor’s Degree in a relevant academic discipline with a minimum overall average of B+ (6.00 GPA), or a Bachelor’s Degree with a minimum average of A- (7.0 GPA) in the final year’s work. Applicants without a baccalaureate degree or equivalent but who can demonstrate significant and appropriate community-based expertise (normally at least 15 years) in the field of Holocaust Studies may be considered in exceptional cases. For more information about this alternate admission, please see “Admission without a Baccalaureate (Master’s Only)”, page 33.

**PROGRAM REQUIREMENTS**

**Thesis-based Master’s**

The MA streams in Germanic Studies and Slavic Studies consists of a minimum of 15 units of graduate credit:

1. GMST 501 or SLST 501 (1.5);
2. GMST 502 or SLST 502 (1.5);
3. at least 6 units of course work, 3 of which may be drawn from courses in Germanic Studies at the senior undergraduate level;
4. a thesis (minimum of 70 pages) worth 6 units of credit; there will be a final oral examination of the thesis.
5. In exceptional circumstances, a candidate may be allowed to take 3 units of course work, 1.5 of which may be drawn from courses in Germanic or Slavic Studies at the senior undergraduate level, and write a thesis (minimum of 100 pages) worth 9 units. For this, the permission of both the Graduate Adviser and the Chair must be obtained.

Work as a research or teaching assistant is considered beneficial for all graduate students who wish to complete the program successfully.

All courses, except GMST 501/SLST 501 (Introduction to the Disciplines of Germanic and Slavic Studies), GMST 502/SLST 502 (Theory and Practice), and GMST 580 (Introduction to Holocaust Studies) are variable in content and may be taken more than once, with departmental permission. At the end of GMST 501/SLST 501, students are expected to submit a Thesis Proposal that will allow them to start work on their Thesis (GMST 599/SLST 599).

The MA stream in Holocaust Studies consists of a minimum of 16.5 units of graduate credit:

1. GMST 501 or SLST 501 (1.5);
2. GMST 502 or SLST 502 (1.5);
3. GMST 580 (1.5);
4. 1.5 units in Holocaust Studies (one of GMST 581, GMST 583, GMST 585, GMST 589, SLST 581);
5. 3 units in GMST (1.5 units may be a holocaust-related course in another department);
6. 1.5 units Summer Practicum/Internship Term administered by the Cultural Resource Management Program: AHVS 4918;

**Non-Thesis Master’s**

Students in the Holocaust Studies stream (non-thesis option) complete 10.5 units of course work, one summer practicum/internship (1.5 unit), and write a major research paper in the form of a journal article (30-35 pages) worth 4.5 units of credit. Students can also opt to submit a visual arts project (photography, video or computer art), a performance-based production (musical or theatrical), or a creative writing project (fiction, drama or poetry). All creative submissions must be complemented by a scholarly essay (15-20 pages) that discusses the creation of the art work and places it in a historical context. All projects should be preferably linked to the focus of the practicum/internship placement. They will be graded by the supervisor and an additional faculty member (whose expertise is relevant to the student’s research) and will not be subject to an oral defense.

**Program Length**

The program will normally take two years to complete.

**CO-OPERATIVE EDUCATION**

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

**Greek and Roman Studies**

**GENERAL INFORMATION**

The Department of Greek and Roman Studies offers programs of graduate study leading to the degrees of Master of Arts and Doctor of Philosophy. Both degrees offer specialization in Classical Languages and Literature, Ancient History, or Classical Archaeology. The two-year MA program consists of course work and the composition of a thesis. The MA thesis may be written in the areas of classical archaeology, ancient history, and Greek or Latin literature. The PhD program consists of course work in a series of reading, seminar, and topical field courses and the composition of a dissertation. The dissertation may be written in the same areas as the MA. Additionally, the PhD program offers core focus in the following thematic areas: interconnectivity in the Mediterranean; technology in the ancient world; social and economic history; gender and identity studies. Prospective students can find further information on the department website: <web.uvic.ca/grs>.

**Contact Information**

Department of Greek and Roman Studies
Location: Clearihue Building, Room B409
Mailing Address:
Greek and Roman Studies
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Facilities

The University’s library has much material on ancient Greek and Roman culture; the department also has its own Reading Room with an excellent selection of primary and secondary texts. The department provides computing assistance to graduate students, which supplements the computing facilities available from the University. The department will frequently offer opportunities for students to participate in archaeological excavations in the Near East or Mediterranean, and the department also has a superb slide collection.

Financial Support

Consideration for financial aid is automatic upon receipt of applications for admission by February 1. Financial aid is available through the competitive University Fellowship, subject to satisfactory performance and full-time enrolment. All eligible applicants are encouraged to and assisted in applying for funding from provincial, federal and external sources; see the information provided by the Faculty of Graduate Studies <www.uvic.ca/grad>. Financial assistance for research assistants and teaching assistants is subject to department funding.

ADMISSION REQUIREMENTS

Admission to the Master’s Program

The basic admission requirement is a four-year bachelor degree with at least a B+ (6.0) GPA in one of the several areas of ancient Greek and Roman Studies. All MA applicants must be able to demonstrate a well-rounded, comprehensive knowledge of the ancient Greek and Roman worlds. MA applicants should ideally have balanced strength in Greek and Latin, or substantial experience in one language and at least basic competence in the other. Competency in reading French, German or Italian upon admission is advantageous; students will be required to demonstrate reading knowledge of one of these modern languages before completion of the MA degree. In addition to the documentation required by the Faculty of Graduate Studies (see “Faculty Admissions”, page 25), the Department of Greek and Roman Studies also requires a statement of intent from each prospective MA student outlining the student’s research interests.

Admission to the PhD Program

Applicants to the PhD program are normally required to hold a BA and MA degree in one of the several areas of ancient Greek and Roman Studies. They will be expected to have focused experience in the area relevant to their intended topic of research and appropriate command of the ancient languages of Greek and Latin. Competency in reading German and either French or Italian upon admission is advantageous; students will be required to demonstrate reading knowledge of German and either French or Italian before completion of the PhD degree. Applicants to the PhD program are normally expected to have achieved a minimum GPA of 7.0 (or equivalent) in their Master’s program, to have strong letters of reference, to present a clear statement of research interests, and to submit an example of scholarly work.

September is the normal entry point; we do not normally accept students at any other time of year. Courses at the graduate level, with the exception of the MA thesis and the PhD candidacy examination and dissertation, are not normally offered in the summer.

Deadlines

The application deadline for consideration for financial aid, particularly for University of Victoria Fellowships, is February 1. MA applications received after February 1 will be considered, but applicants will not usually be eligible for funding. The application deadline is April 1 for September admission.
**Program Requirements**

**Thesis-based Master’s**

**Course Requirements**

The Department offers a 18-unit thesis-based program leading to the MA degree. In the first year, candidates will take a full load of course work for a total of 10.5 units. They will choose three from the following six fields of study: Greek Literature (GRS 501, 3.0 units); Greek History (GRS 502, 3.0 units); Latin Literature (GRS 503, 3.0 units); Roman History (GRS 504, 3.0 units); Ancient Art and Archaeology (GRS 505, 3.0 units); and Ancient Philosophy (GRS 506, 3.0 units). Candidates are also required to complete the Pro-seminar in Research Methods and Practices (GRS 500, 1.5 units).

Candidates will be examined in their three fields at the end of the year, and achievement of a minimum grade of B+ in all three fields will be expected.

**Other Requirements**

Before graduation, students must demonstrate a reading knowledge of French, German or Italian. The level of proficiency will be equivalent to a B or better in the reading courses (such as GMST 405 or FRAN 300) offered by the respective language departments. Students may also fulfill the language requirement by passing the department’s written translation examination. Examinations will normally be of two hours duration and may be written with the aid of a dictionary.

**Thesis**

In the second year, candidates will write a thesis (GRS 599), choosing their subject of research from one of the three fields they have studied in the first year. The unit value of the thesis may range from 6 to 9 units but will normally be 7.5 units. The length of the thesis can vary considerably, but it is generally approximately 100 pages. A final oral examination of the thesis will be required.

**Examination**

The examination will be a combination of written and oral.

**Program Length**

The expected completion time for the master’s degree is two years. Part-time status may extend this completion time; funding, however, will normally not be available after the second year.

**PhD program**

1. All PhD students are required to take GRS 500, a requirement which can be satisfied either at the MA or the PhD level.
2. Students must complete 9 units of courses numbered 600 and above. Students are required to declare Classical Languages and Literature, Ancient History, or Classical Archaeology as their primary area of focus, and to complete the Reading Course or Courses which apply to that area of specialization: GRS 601A and 601B in literature for 1.5 units each (Greek and Latin literature respectively); 602A and 602B in history for 1.5 units each (Greek and Latin readings respectively); and 603 (readings in Greek and/or Latin) for archaeology for 1.5 units. Archaeologists will take 605, a methods and theory course, in place of a second semester of reading, for 1.5 units. Students then proceed to the seminar courses, in which they normally follow the curriculum for the areas of specialization for 3 units: 611 for literature; 612 for history; and 613 for archaeology. Students may, however, with the permission of the supervisor, take a seminar course outside their stream if it is beneficial for their research. Finally, students take a topical field course in their area of focus for 3 units: 621 for literature; 622 for history; and 623 for archaeology.
3. Students will complete a candidacy examination (GRS 693) for 3 units. As part of the candidacy examination, a dissertation prospectus must be approved by the student’s supervisor committee. Students will be required to display competence in German and either French or Italian through written exams.
4. Students write a dissertation of 18 units which they defend in an oral examination (GRS 699).

**Co-operative Education**

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students.

Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

**Health Information Science**

**General Information**

Since 1981, the School of Health Information Science has led the way in health informatics education and research in Canada, and is considered by many a world leader in this field. The research and teaching strengths of the School include the planning, design, implementation, use and evaluation of health information systems in different healthcare settings.

For further information or any updates, please visit the School website: <uvic.ca/hsd/hinf>.

**Contact Information**

School of Health Information Science
Location: Human and Social Development, Room A202

Mailing Address:
PO Box 1700, STN CSC
Victoria, BC V8W 2Y2
Canada

Courier Address:
3800 Finntery Rd.
Victoria, BC V8P 5C2
Canada

Telephone Number: ................................................................. 250-721-8575
Fax Number: ............................................................................ 250-472-4751
Email: his@uvic.ca
Website: <uvic.ca/hsd/hinf>

**Director:** Dr. Andre Kushniruk
**Email:** andrek@uvic.ca
**Phone:** .................................................................................. 250-472-5132

**Graduate Adviser:** Dr. Karen Courtney
**Email:** court009@uvic.ca
**Phone:** .................................................................................. 250-721-8599

**Graduate Secretary:** Sandra Boudewyn
**Email:** hisgrad@uvic.ca
**Phone:** .................................................................................. 250-721-6459

**Facility Members and Areas of Research**

Elizabeth Borycki, RN, HBScN (Lakehead), MN (Manitoba), PhD (Toronto), Professor

- Patient Safety; Technology-induced error; Methods to Diagnose Technology-induced Error; Disease Management Systems; Clinical Informatics; Nursing Informatics; Effects of Technology on Workflow; Evaluation of Health Information Systems; Managing Health Information Systems; Health Information Technology Strategy
Karen Courtney, BA (North Carolina), BSN (North Carolina), MSN (Duke), PhD (Missouri), Associate Professor

Telehealth; Chronic disease management; Geriatric health; Nursing Informatics and Health Services Research

Alex M.H. Kuo, BSc (Taiwan), MBA (Taiwan), PhD (Nottingham, UK), Associate Professor

Data Interoperability; Health Database & Data Warehousing; Data Mining Application in Healthcare; e-Health

Andr Kushniruk, BA (Brock), BSc (Brock), MSc (McMaster), PhD (McGill), Professor and Director

Evaluation of the use and usability of information systems; e-Health and telemedicine; Consumer informatics; Cognitive aspects of decision support systems; Data mining in health informatics; Computerized patient record systems; Evaluation methodologies; Intelligent information filtering; Usability engineering; Knowledge representation; Design of health care user interfaces and human-computer; interaction in complex domains

Francis Lau, BSc (Alberta), MSc (Alberta), MBA (Alberta), PhD (Alberta), Professor

Strategic IT planning for health systems; Electronic health records; Information management and analysis; Impacts of IT in health; Action research; Design, implementation and evaluation of health information systems; Decision support systems; Knowledge management

Scott Macdonald, BSc (UVic), MA (Toronto), PhD (Western Ontario), Professor

Social Epidemiology of Addictions; Monitoring and Surveillance of Addictions Problems; Relationship Between Substance Use and Abuse with Injuries; Alcohol and Drug Policy

Helen Monkman, BSc (Carleton), MA (Carleton), PhD (UVic), Assistant Teaching Professor (Limited Term)

Usability; Human Factors; Consumer Health Informatics; eHealth Literacy

Abdul Roudsari, BSc (Kings College London), MSc (Kings College London), PhD (Kings College London), Professor

Electronic Healthcare; Telecare; e-health

Emeritus

Jochen R. Moehr, MD (Marburg), PhD (Hannover), Professor Emeritus

Hospital Information Systems; Medical Artificial Intelligence; Medical Records; Medical Coding; Factual Information Systems; Health Care Technology Evaluation; Preventive Medicine

Denis Pottie, BSc (Alberta) MSc (Manitoba), Professor Emeritus

International Approaches to eHealth and the EHR; Health Care Information Management &Technology Strategic Planning; Chief Information Officers; Evaluation of Information Management & Technology; Physician Office EMR systems

Visiting, Adjunct and Cross-listed Appointments

Jos Aarts, BSc (Nijmegen), MSc (Nijmegen), PhD (Rotterdam), Adjunct Associate Professor

Michael Bainbridge, BMedSci (Nottingham), BMBS (Nottingham), MRCPGP (Nottingham), Adjunct Associate Professor

Jeff Barnett, BSc (UBC), MSc (UVic), Adjunct Assistant Professor, UVic, Director of Clinical Informatics, Cancer Care, BC Cancer Agency, Adjunct Assistant Professor

David Birnbaum, BA (Berkley), MPH (Minnesota), PhD (UBC), Adjunct Professor

Bruce Carleton, BPharm (Washington State), PharmD (Utah), Director, Pharmaceutical Outcomes Programme, Children’s & Women’s Health Centre of BC, Adjunct Associate Professor

John Chelsom, BA (Oxford), PhD (City U, London), Adjunct Assistant Professor

Michael Downing, MD (Western Ontario), Medical Director, Victoria Hospice Society, Adjunct Assistant Professor

Lawrence Frisch, BA (Reed), MD (Harvard), MPH (Washington), Adjunct Associate Professor

Robert Hayward, BA (Yale), MD (Queens), MPH (Johns Hopkins), Adjunct Professor

Marilyyne Hebert, BSc (Alberta), PhD (UBC), Assistant Professor, Community Health Sciences, University of Calgary, Adjunct Assistant Professor

Darren Hudson, BSc (Alberta), MD (Calgary), MSc (UVic), Adjunct Assistant Professor

Kendall Ho, BSc (UBC), MD (UDC), Adjunct Professor

Mowafah Househ, BCom (Alberta), MEng (Toronto) PhD (Victoria), Adjunct Associate Professor

Donald W. Juwizhish, BA (Alberta), MHS (Alberta), PhD (Alberta), Adjunct Associate Professor

Johanna Kopp, MSc (Helsinki), PhD (Aalto), Adjunct Assistant Professor

Karim Keshavjee, BSc (McGill), MSc (Toronto), MD (Toronto), MBA (Toronto), Adjunct Assistant Professor

Roman Mateyko, BSc (Toronto), Adjunct Assistant Professor

Christian Nohr, MSc (Aalborg), PhD (Aalborg), Adjunct Professor

Morgan Price, BSc (Victoria), MD (Calgary), PhD (Victoria), Adjunct Assistant Professor

Yuri Quintana, BSc (Waterloo), MSc (Waterloo), PhD (Waterloo), Adjunct Associate Professor

Nola Ries, BA (Alberta), LLB (Victoria), MPA (Victoria), LLM (Alberta), Adjunct Assistant Professor

Thomas Rosenthal, BSc (Calgary), MSc (Calgary), MD (Calgary), Professor, Community Health Sciences, University of Calgary, Adjunct Associate Professor

Tony Sahama, BSc (Kandy, Sri Lanka), MPhil (Kandy, Sri Lanka), PhD (Melbourne, Australia), MLaw (Queensland, Australia), Adjunct Associate Professor

Omid Shabestari, MD (Tehran), PhD (City University, London), Adjunct Assistant Professor

Brian Shorter, HNC (UK), MBA (Dalhousie), Adjunct Assistant Professor

Aviv Shachak, BSc (Ben-Gurion, Israel), MSc (Hebrew University, Jerusalem), PhD (Bar-Ilan University, Israel), Adjunct Associate Professor

Richard Stanwick, BSc (Manitoba), MD (Manitoba), MSc (McGill), Adjunct Professor

Karl Stroetmann, MBA (Germany), PhD (UBC), Adjunct Assistant Professor

Brandon Wagab, BA (Waterloo), PhD (Waterloo), Adjunct Assistant Professor

Jens Weber, PhD (Paderborn), Adjunct Associate Professor

Erdem Yazganoglu, MSc (Toronto), MSc (Leeds), MD (Ege University, Turkey), Adjunct Assistant Professor

Jennifer Zelmer, BSc (Victoria), BA (McMaster), PhD (McMaster), Adjunct Assistant Professor

Bruno Zuberbuhler, MD (Zurich), FEBO (Paris), PhD (London), Adjunct Assistant Professor

Degrees and Specializations Offered

The School of Health Information Science offers courses of study leading to the degree of MSc and PhD, and, with the School of Nursing, a double-degree MN + MSc:

- On-campus Stream, MSc
- Distributed Stream (online), MSc
- Master of Nursing and Master of Science in Health Informatics (distributed), MN + MSc
- PhD in Health Informatics
GRADUATE PROGRAMS

Facilities
The School has excellent computer equipment, laboratories and technical support that enable faculty and students to engage in all aspects of health informatics research. The University library holdings in various subject areas of health informatics are comprehensive and up to date. In addition, the School has well established linkages to healthcare organizations within and outside of the province that allow faculty and students to conduct research in a variety of health related field settings.

Financial Support
Limited financial support is available to students on a competitive basis. No separate application is necessary; the application for admission is also used for fellowship considerations. To be eligible, students must maintain continuous full-time registration during the tenure of award, and must have an outstanding academic record (usually a minimum GPA of 7.0 on a 9-point scale). Students may not hold another major award (e.g., CIHR) in conjunction with a UVic fellowship.

Students may apply for work as research assistants within the University by approaching faculty members directly. While there is no guarantee, additional funding may be available through teaching assistantships. All eligible students are encouraged to apply for funding from provincial, federal and external sources.

Professional Conduct
All students in the School of Health Information Science must follow the Faculty of Human and Social Development’s (FSD) Guidelines for Professional Conduct. The faculty supports models for professional conduct based on the following guidelines from the FSD website: <www.uvic.ca/hsd/assets/docs/pdfs/policies/hsd_professional_conduct.pdf>.

ADMISSION REQUIREMENTS

The admission selection process is competitive, and enrolment may be restricted in any given year. Candidates should apply directly via the Graduate Admissions and Records website at <www.uvic.ca/graduastudies/admissions/>. All applications are first reviewed by the Graduate Admissions and Records Office and then by the School Graduate Committee. Only applicants who satisfy the entrance requirements of the Faculty of Graduate Studies and the School will be considered. Not all applicants who meet the minimum requirements can be admitted. All applicants are required to have a Bachelor’s degree for admission to the MSc and a first-class Bachelor’s and Master’s degree for admission to the PhD graduate programs.

There are two entry points for the distributed (online) MSc stream and on-campus MSc stream each year: in January and September. For the Double Degree Master of Nursing and Master of Science in Health Informatics program (distributed) there is one entry point: in September of each academic year. The PhD in Health Informatics has one entry point in September of each academic year.

Admission to Master’s Programs

Provide two Assessment Reports from academic referees. To strengthen your application, we recommend that your referees attach a Letter of Reference in addition to the Assessment Report. If it has been more than five years since you last attended a post-secondary institution, we recommend that you include two Assessment Reports from current or former employers in place of academic referees.

A personal résumé should include your education background, employment history, professional/academic affiliations and other achievements such as publications or awards.

A letter of intended study describing why you should be considered for enrolment, how you will use the knowledge learned in your workplace or academic career, and in what ways will the program improve/change your personal career.

If you are accepted into the distributed MSc stream, you will NOT be able to switch into other streams or programs. In fact, you will need to first withdraw from your program and reapply to UVic if you want to switch streams or programs.

Students in the On-Campus MSc stream may switch to the distributed MSc stream; however tuition and fees will be assessed at the distributed MSc stream rate for all courses in the MSc program including those already completed prior to switching streams.

On-Campus MSc Stream
Bachelor’s degree standing from an accredited institution in BC, other Canadian provinces and abroad will be eligible to apply for admission into the program. Those with a non-health or non-IT related bachelor’s degree will be considered, provided they have passed the 100 and 200 level undergraduate Health Information Science (HINF) courses or their equivalents, as well as have preferably completed one Co-op education work term. Those with relevant health IT work experience may have some of the undergraduate course requirements waived.

Distributed MSc Stream
This is a distance learning, online education program. It typically requires at least two years of relevant work experience as well as a bachelor’s degree standing from an accredited institution in BC, other Canadian provinces and abroad will be eligible to apply for admission into the program. Those with a non-health or non-IT background, or with less than two years of work experience, may be considered on a case-by-case basis.

For international students
You should plan to stay in Victoria only for the scheduled workshop; the 2-week workshop is in the summer term. We expect you to return to your country after this workshop to continue working for your current employer and not to remain in Canada.

Double Degree MN and MSc Health Informatics
This is a distance learning, online education program. It typically requires at least two years of relevant work experience as well as a bachelor’s degree standing from an accredited institution in BC, other Canadian provinces and abroad to be eligible to apply for admission into the program. Relevant work experience may include experience with clinical systems implementation, clinical information system development, information system training, clinical data analysis or clinical system evaluation, etc.

Applicants to the Double Degree option in Nursing and Health Informatics must meet admission criteria for both programs. Application guidelines and links to the Faculty of Graduate Studies application form are available on the School of Nursing and School of Health Information websites.

Admission to the PhD program in Health Informatics
Admission will be limited to students already holding a Master’s degree in health informatics or related field. Normally applicants are expected to have successfully completed a graduate level statistics course prior to application. Students will be expected to enter the program as a cohort in September. Doctoral students recruited will have research interests that link closely with the faculty’s areas of specialization. The program requires full-time enrolment.

In addition to the Faculty of Graduate Studies’ application requirements, the School also requires the following:

• Three letters of reference, at least two of which are from academics who can assess the applicant’s capacity to conduct independent scholarly work
• CV that summarizes education, work experience, research, publications, awards and distinctions
• Sample publications or conference proceedings (if available) - For each publication or proceeding, please include the full citation,
include the percentage (%) contribution, your role, and an electronic copy (preferably PDF).

- Thesis (if available) - For the thesis, please provide an electronic copy (preferably PDF).
- Statement letter summarizing why the applicant is interested in earning the PhD in Health Informatics; research interests; expectations of program; and if contact has been made with any faculty member regarding possible supervisory committee.
- International applicants must also submit GRE scores as part of their application.

PhD Entry for Students Without an MSc in Health Informatics

Students in the MSc in Health Informatics program, already holding a Master’s degree, but not in the field of health informatics, may apply for transfer to the PhD program following satisfactory completion of at least 6 units of the MSc program in Health Informatics. Students interested in changing to the PhD program should follow the MSc program of study and work closely with their supervisor on course selection in order to apply. Admission to the MSc in Health Informatics is not a guarantee of future admission to the PhD program.

Deadlines

For the distributed (online) and on-campus MSc programs, the deadlines for applications are April 1 for January entry and December 1 for September entry. For the PhD in Health Informatics, the deadline is December 1 for September entry.

PROGRAM REQUIREMENTS

The MSc program requires completion of coursework and a research project. All course requirements must be completed prior to proceeding to the final oral examination. Exceptional students with supervisor and Director approval may work on a thesis rather than a research project. Students are expected to be enrolled full time continuously during their program.

On-Campus MSc Stream

The MSc degree in Health Informatics requires a minimum of 16.5 units of course work, including a research project or thesis. The program of study will include graduate level health informatics courses from within the School of Health Information Science, electives may include graduate level courses relevant to your program from other UVic departments.

Most graduate courses are offered online via distance education technologies, with no on-site class meetings scheduled.

The program of study will include the following requirements:

MSc - Thesis Option:

- HINF 580 (1.5) Health Informatics Graduate Seminar
- HINF 599 (6.0) Health Informatics Thesis

Information Structure Course (choose at least 1 of the following):

- HINF 501 (1.5) Database Design
- HINF 511 (1.5) Clinical Decision Support and Information Systems
- HINF 550 (1.5) Health Information Systems Design

A minimum of 3 units from the list of HINF electives.

MSc - Research Project Option:

- HINF 503 (1.5) Research Methods in Health Informatics
- HINF 572 (1.5) Health Informatics: An Overview
- HINF 598 (3.0) Research Project

Data Analysis Course (choose at least 1 of the following):

- HINF 552 (1.5) Evaluation of e-Health
- HINF 570 (1.5) Epidemiology in Health Services Management
- HINF 571 (1.5) Health Systems Data Analysis
- HINF 574 (1.5) Modelling and Simulation in Healthcare

Information Structure Course (choose at least 1 of the following):

- HINF 501 (1.5) Database Design
- HINF 511 (1.5) Clinical Decision Support and Information Systems
- HINF 550 (1.5) Health Information Systems Design

A minimum of 7.5 units from the list of HINF electives.

MSc Electives:

Electives offered vary from year to year. Students should consult with the School for details. With permission of the course instructor and the School of Health Information Science, electives may include graduate level courses relevant to your program from other UVic departments.

- HINF 501 (1.5) Database Design
- HINF 511 (1.5) Clinical Decision Support and Information Systems
- HINF 510 (1.5) Information Management and Technology

HINF Electives:

A minimum of 6 units from the list of HINF electives.
GRADUATE PROGRAMS

HINF 516 (1.5)  Telehealth, m-Health and Pervasive Health Technology
HINF 520 (1.5)  Public Health Informatics
HINF 530 (1.5)  Evidence-Based Health Informatics
HINF 531 (1.5)  Healthcare Information Security and Privacy
HINF 535 (1.5)  Health Information Standards
HINF 536 (1.5)  Controlled Terminology Standards
HINF 537 (1.5)  Health Information Exchange Standards
HINF 550 (1.5)  Health Information System Design
HINF 551 (1.5)  Electronic Health Record
HINF 552 (1.5)  Evaluation of e-Health
HINF 560 (1.5)  Patient Safety and Quality in Health Informatics
HINF 561 (1.5)  Project Management in Health Informatics
HINF 562 (1.5)  Procurement in Health Informatics
HINF 570 (1.5)  Epidemiology in Health Services Management
HINF 571 (1.5)  Health Systems Data Analysis
HINF 573 (1.5)  Applied Biostatistics
HINF 574 (1.5)  Modelling and Simulation in Healthcare
HINF 575 (1.5)  Human Factors in Healthcare
HINF 580 (1.5)  Health Informatics Graduate Seminar
HINF 590 (1.5)  Directed Studies in Health Informatics (may be taken more than once)
HINF 591 (1.5)  Topics in Health Informatics (may be taken more than once)
HINF 597 (1.5)  Field Project in Health Informatics

1. Only students in the Distributed Stream program may take HINF 573 and/or 580 as elective courses. For students in the On-Campus program, HINF 573 and 580 are required courses and therefore not eligible for elective credit.

Oral Examination

An oral examination is required for both the thesis and project options.

Program Length

The MSc in Health Informatics has a maximum 5-year time limit.

Master of Nursing and Master of Science in Health Informatics: Double Degree

Thesis

The Double Degree option permits nurses who are interested in health information technology to develop graduate level competencies in both Nursing and Health Informatics. The option is intended to prepare nursing leaders with a background essential for working in the rapidly expanding field of nursing and health informatics. Graduates will be prepared to take leadership roles in informatics, telehealth, implementation of electronic health care records and other areas of emerging health technology.

Course Requirements

This program requires a completion of a total of 31.5 units of study. The 31.5 units are made up of 7.5 units of Advanced Practice Nursing (APN) core courses, 6.0 units of required HINF courses, 6.0 units of co-operative learning experiences, 6.0 units of electives and a 6.0-unit thesis. Cooperative learning experiences must usually be undertaken outside of a student’s current employment setting.

An oral examination of the thesis proposal as well as the completed thesis will be required.

Double Degree Thesis (31.5 units):

Required core APN courses (7.5 units)

NURS 520 (1.5)  Nursing Disciplinary Knowledge
NURS 521 (1.5)  Advanced Practice Nursing and Professional Identity
NURS 522 (1.5)  Nursing Ethics for Health System Transformation
NURS 523 (1.5)  Conceptualizing Research for Advanced Practice Nursing
NURS 524 (1.5)  Disciplinary Research for Advanced Practice Nursing

Required core HINF courses (6.0 units)

HINF 501 (1.5)  Database Design
HINF 503 (1.5)  Research Methods in Health Informatics
HINF 550 (1.5)  Health Information Systems Design
HINF 572 (1.5)  Health Informatics: An Overview

Required Electives (6.0 units)

NURS Electives (1.5)
HINF Electives (3.0)
NURS or HINF Elective (1.5)

Electives are chosen in consultation with the supervisors. HINF electives are listed at the beginning of the Health Information Science section.

Required Co-operative experience (6.0 units)

COOP (NURS) (3.0)  Co-operative Experience Requirement
COOP (HINF) (3.0)  Co-operative Experience Requirement

Required Thesis (6.0 units)

NUHI 599 (6.0)  Thesis

PhD Program in Health Informatics

Graduates of the program will be trained to plan and execute high quality research publishable in major academic journals; results of their research will advance both the theory and practice of international Health/Medical Informatics. PhD students develop research competencies by completing course requirements and by working closely with faculty advisors on research projects. In addition to research, the PhD program will prepare students for senior and high-level careers in industry.

Program flexibility and the block teaching delivery method of the 600-level courses allow industry professionals to continue to hold professional positions while providing an on-campus experience to connect with fellow graduate students, the School, and University community. Students will be required to travel to the UVic campus to attend in-class course components. Students are expected to be enrolled full time continuously during their program.

The goal of the PhD in Health Informatics is to prepare scholars who will discover and extend scientific knowledge that advances the science and practice in health informatics. Graduates of the PhD program are prepared to:

1. assume leadership roles in informatics and health care
2. generate new knowledge through research and testing of theory that contribute to solutions that advance health care in a culturally diverse society
3. translate research findings into practice and policy at multiple levels
4. reflect an interdisciplinary perspective in research and scholarly endeavours
The PhD program requires the completion of a minimum of 39 units. This includes coursework, candidacy exam, and dissertation. The program of study will include the following requirements:

- HINF 500-level elective (1.5)
- HINF 602* (1.5) Theories in Health Informatics
- HINF 603* (1.5) Methods in Health Informatics
- HINF 680 (1.5) Health Informatics PhD Seminar
- HINF 693 (3.0) Candidacy Exam
- HINF 699 (3.0) Dissertation

Students may take, as an elective, the Learning and Teaching in Higher Education Certificate Program (6.0 units).

* Students will be required to travel to Victoria to complete HINF 602 and HINF 603, as these will be delivered with an intensive in-person component; additional online course requirements are completed in the following weeks.

Dissertation Proposal Defense:

After successfully passing their candidacy examinations, students are required to write and orally defend a dissertation proposal to their supervisory committee. As soon as the supervisory committee and student are satisfied that the dissertation proposal and oral defense meet the standards of the Faculty of Graduate Studies and the School of Health Information Science, the student will apply for ethics approval or ethics waiver and begin dissertation research.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master's and PhD students.

- Master's students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Health Information Science Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

- Master's students in the double degree option must complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions.

Hispanic and Italian Studies

General Information

The Department of Hispanic and Italian Studies offers a Master of Arts program with two streams: a “Hispanic Studies” stream and one in “Hispanic and Italian Studies.”

The “Hispanic Studies” stream reflects the interdisciplinary nature of the department, which comprises studies in Peninsular Spanish and Latin American Studies.

The “Hispanic and Italian Studies” stream reflects the above, but also includes the Italian component of the department, particularly in the area of Medieval to Renaissance Italian Literature, which strongly influenced Peninsular Spanish Literature both of the Middle Ages and the Golden Age.

Research and teaching strengths include the Italian Middle Ages, the Spanish Middle Ages, the Spanish Golden Age, Colonial and 19th Century Latin American Literature, and 20th Century Latin American Literature to the present.

Contact Information

Department of Hispanic and Italian Studies
Location: Clearihue Building, Room B441
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Canada
Telephone Number: ........................................... 250-721-7413
Fax Number: .................................................... 250-721-6608
Email: spanit@uvic.ca
Website: <www.uvic.ca/humanities/hispanicitalian>
Chair and Graduate Adviser: Dr. Beatriz de Alba-Koch
Email: hispcchair@uvic.ca
Phone: .......................................................... 250-721-7413
Faculty Members and Areas of Research
Gregory Peter Andrachuk, PhD (Toronto)
  Medieval literature, especially sentimental romance and Cancionero poetry, religion and literature, especially Auto Sacramental
Maria Bettaglio, PhD (SUNY-Buffalo)
  Twentieth-century Spanish and Italian literature, women's studies, gender studies, critical theory, translation theory
Silvia Colás Cardona, PhD (Calgary)
  Contemporary Cuban literature and culture, urban studies
Beatriz de Alba-Koch, PhD (Princeton)
  Colonial and nineteenth-century Spanish American literature, especially Mexico
Joseph Grossi, PhD (Ohio State)
  Regional identity in medieval literature of England and Italy
Dan Russek, PhD (Chicago)
  Modern and contemporary Latin American literature, literature and visual arts, film, the city in literature, aesthetics
Pablo Restrepo-Gautier, PhD (British Columbia)
  Golden Age Spanish drama and literature, modern Peninsular Spanish narrative, modern Colombian narrative, humour studies, gender studies, travel literature
Emeritus Faculty
Lloyd H. Howard, PhD (Johns Hopkins)
  Italian literature of the 13th and 14th centuries, especially Dante

Degrees and Specializations Offered
The Department of Hispanic and Italian Studies offers programs leading to the degrees of Master of Arts in Hispanic Studies and Master of Arts in Hispanic and Italian Studies, both in a thesis and project-based option.

Facilities
Department Research Library.

Financial Support
Each year, subject to available funding, entering students are eligible for University graduate funding up to $15,000 per year, tenable for two years. Qualified students entering the program may be hired as teaching assistants with funds available for up to two courses annually to be taught by graduate students at a value of approximately $5,000 per course. Eligible students are expected to apply for funding from provincial, federal and external sources, specifically SSHRC.

Admission Requirements
General
All candidates for these degrees must meet all the general requirements of the Faculty of Graduate Studies as well as the specific requirements of the Department of Hispanic and Italian Studies.

Students may be admitted commencing September only of each year. Graduate course offerings in the summer period are limited.

In addition to the documentation required by the Faculty of Graduate Studies (“Faculty Admissions”, page 25), the Department of Hispanic and Italian Studies also requires a statement of research intent.

Admission To Master’s Programs
Admission to the thesis or project-based programs requires a bachelor’s degree (Major in Hispanic Studies or Hispanic and Italian Studies or equivalent) with a minimum overall average of B+ (6.0 GPA) or a bachelor’s degree (Major in Hispanic Studies or Hispanic and Italian Studies) with a minimum average of A- (7.0 GPA) in the final year’s work. Students with background deficiencies in Hispanic Studies or, if relevant, Italian Studies will be required to make up courses before being admitted to the MA program.

Deadlines
Applications must be received in the Graduate Admissions and Records Office by February 15. International applicants are advised to apply earlier.

Program Requirements
The department offers two options towards the MA in both Hispanic Studies and Hispanic and Italian Studies, each composed of 15 units of graduate credit.

The following core courses are required of all students: SPAN 500, Introduction to Bibliography and Methods of Research; SPAN 502, Core Reading List Course I; SPAN 503 or ITAL 503, Core Reading List Course II.

SPAN 502 will cover works taken from the general Hispanic Literature reading list; SPAN 503 or ITAL 503 will reflect the specialized area of the student’s degree program and will be tailored to the specialty: Peninsular Studies; Latin American Studies; or Hispanic and Italian Studies. The other courses are variable in content and may be taken more than once, depending on the topic.

Thesis-based Master’s
The thesis option is by invitation of the departmental Graduate Committee.

Course Requirements
9 units of credit to include: SPAN 500, 502 and 503 (or ITAL 503 for the MA in Hispanic and Italian Studies), 3 units of graduate-level courses within the department, and a further 1.5 unit graduate-level course from within the department or from outside (with the approval of the department)

Thesis
SPAN 599 (6 units): Master’s Thesis and Oral Examination
Program Length
1.5 to 2 years.

Project-based Master’s
Course Requirements
12 units of credit to include: SPAN 500, 502 and 503 (or ITAL 503 for the MA in Hispanic and Italian Studies), 6 units of graduate-level courses within the department, and a further 1.5 unit graduate-level course from within the department or from outside (with the approval of the department)

Thesis
SPAN 598 (3 units): Master’s Essay and Oral Examination
Program Length
1.5 to 2 years.

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.
History

GENERAL INFORMATION

The Department of History offers programs of graduate study leading to the degrees of Master of Arts in two streams (Master of Arts in History and Master of Arts in Public History) and Doctor of Philosophy in a wide range of specialized areas. Programs require formal course work as set out in detail below. Course work is selected in consultation with the Graduate Adviser and the student’s supervisor. Attention is paid to both the specific research interests of the student and the need for exposure to diverse subjects and methodologies. Students in the MA in History (Thesis-based Option) and in the PhD complete and defend a thesis or dissertation; students in the MA in History (Project-based Option) complete an extended research paper; students in the MA in Public History complete a practicum and a major project.

Contact Information

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Chair: Dr. John Lutz
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Phone: 250-721-7381
Graduate Adviser: Dr. Sara Beam
Email: histgradadv@uvic.ca
Phone: 250-721-7406
Graduate Secretary: Heather Waterlander
Email: histgrad@uvic.ca
Phone: 250-721-7384

Faculty Members and Areas of Research

Robert S. Alexander, PhD (Cambridge)
Modern France; 19th century Europe; political history
Sara Beam, PhD (Berkeley)
Francophone Europe 1450 - 1700; cultural and legal history
A. Perry Biddiscombe, PhD (London School of Economics)
Modern Europe; nationalism
Neilesh Bose, PhD (Tufts)
Modern South Asia, global history, cultural and intellectual history
Paul Bramadat, PhD (McMaster)
Religion in Canada, religion and public policy
Penny Bryden, PhD (York)
Post-confederation Canada, political and constitutional history

Martin Bunton, DPhil (Oxford)
World history; modern Middle East studies
Zhongping Chen, PhD (Hawaii)
Late Imperial China, modern China, Chinese diaspora and Sinocanadian relations
Rachel Cleves, PhD (Berkeley)
Revolutionary and early national United States; cultural history
Jason M. Colby, PhD (Cornell)
Post-1865 U.S. history; American foreign relations; race and empire
Peter Cook, PhD (McGill)
Indigenous-settler relations in the early modern Atlantic world
Simon Devereaux, PhD (Toronto)
18th and 19th century British criminal justice, political and cultural history
M.L. (Mariel) Grant, DPhil (Oxford)
20th century Britain
Timothy S. Haskett, PhD (Toronto)
Medieval social and legal history; medieval England
Mitchell Lewis Hammond, PhD (Virginia)
Early modern Europe; history of medicine; urban history
John Lutz, PhD (Ottawa)
Pacific Northwest; Aboriginal-non-Aboriginal relations, European colonialism in the Pacific; Race and Digital History
Lynne S. Marks, PhD (York)
Canadian women’s and gender history, social history of religion, second wave feminism
Andrea McKenzie, PhD (Toronto)
17th and 18th century English social, cultural and legal history
Christine O’Bonsawin, PhD (Western Ontario)
Indigenous Studies; sport history
John Price, PhD (British Columbia)
Modern Japanese; Asian history
Richard Rajala, PhD (York)
British Columbia, environmental, labour
Thomas J. Saunders, PhD (Toronto)
Modern Germany; 20th century European culture
Oliver Schmidtke, PhD (European University Institute)
Modern Germany; immigration
Jordan Stanger-Ross, PhD (Pennsylvania)
Canadian/American urban history; immigration, race/ethnicity; poverty and economic inequality in Canada
Elizabeth Vibert, DPhil (Oxford)
British colonial history; gender, race, and poverty; South Africa
Jill Walshaw, PhD (Centre for 18th Century Studies, York, U.K.)
17th and 18th century France; European and comparative peasant society; Cultural history; French Revolution
Paul Wood, PhD (Leeds)
Early modern science; The Enlightenment in Europe
Guoqiang Wu, PhD (Princeton)
Political and diplomatic history of modern China, Hong Kong, and Taiwan
Serhy Yekelchyk, PhD (Alberta)
Russian and Soviet history and culture; Modern Ukraine
David Zimmerman, PhD (New Brunswick)
Military and naval history; science and technology
Degrees and Specializations Offered
MA in two streams: MA in History; MA in Public History. PhD.

Facilities
Facilities are available for graduate work in Canadian, European, British, American, Middle Eastern, Japanese and Chinese history, and on a wide range of themes, among them political history, aboriginal history, military history, gender history, social history, cultural history, diplomatic history, intellectual history, comparative/world history, labour history, history of science and historical demographics. Depending on geographic concentration, the department covers periods ranging from the medieval to the modern. Other areas and themes may be available: prospective students should consult the Graduate Adviser or a potential supervisor. The University’s McPherson Library has holdings in excess of one million volumes, and graduate students may also be granted access to the Provincial Library and Archives, which include notable manuscript collections relating to western Canada and the northwestern United States.

Financial Support
History students are eligible for University of Victoria Fellowships on a competitive basis. In addition, the department offers several scholarships of varying amounts. Teaching and research assistantships are also available on a competitive basis. Entering and continuing students are automatically considered for scholarships. Students must apply for assistantships. Because funds are limited and assistantships generally do not cover tuition costs, prospective students are encouraged to apply for external funding, most notably SSHRC (CGS) scholarships.

Admission Requirements
In addition to reference letters and transcripts required by the Faculty of Graduate Studies, students must send a letter to the Graduate Adviser in the History department outlining their particular area of interest within the field of History and their proposed thesis topic if they plan to do a PhD or a thesis MA. This letter need not be more than a page long. It will assist the department in determining whether or not it can provide appropriate supervision.

A minimum TOEFL (TWE included) score of 600 on the paper-based is required of all international students whose first language is not English.

Admission to the Master’s Program
Subject to the admission requirements of the Faculty of Graduate Studies, admission to both streams in the MA program normally requires a bachelor’s degree with a minimum overall average of B+ (6.0 GPA), or a bachelor’s degree with a minimum average of A- (7.0 GPA) in the final year’s work. Many more students apply each year than can be accommodated in the program. A candidate with background deficiencies in History may be required to register for a year as a non-degree undergraduate student before being admitted to the MA program.

Admission to the MA in Public History Stream
Admission requirements are the same as for the MA in History Stream, however a candidate with significant experience in community-based or professional historical engagement may be considered for admission without meeting the full requirements indicated above.

Admission to the PhD Program
Admission to the PhD program normally requires a master’s degree with a minimum average of A- in graduate courses.

Deadlines
Normally, students are admitted in September although in certain cases, it may be possible to enter the program in January. Most courses run from September to December and from January to April. It is not possible to do a graduate degree in History through Summer Sessions.

Students who wish to be considered for scholarships must submit their applications by February 1st. Other students should conform to the deadlines set by the Faculty of Graduate Studies. Late applications may be considered if space is available.

Admission is on a competitive basis. Not all students who meet the requirements will be admitted. The History department normally admits a total of 15-20 MA and PhD students each year.

Program Requirements
All programs must be approved by the Graduate Adviser to insure balance and focus in the program of each student.

With the written permission of the Graduate Adviser, students may take a graduate course in another department if this is appropriate for their program.

All candidates for the MA in History and PhD degrees must demonstrate a reading knowledge of a second language acceptable to the department in order to qualify for graduation. This will normally be a language relevant to the student’s research interests. The level of proficiency expected will be a passing grade in an approved reading course offered by the respective language departments. Students may also fulfill the language requirement by passing the department’s written translation examination.

Note: Students will not be permitted to defend their theses until they have satisfied this language requirement.

Candidates for the MA in Public History are not normally required to demonstrate a reading knowledge of a second language.

Not all of the History graduate courses listed in the calendar will be offered in a particular year. All courses are variable content. With department permission, HSTR 501 to 591 may be taken more than once. Students should consult the department concerning specific content of the courses offered in any given year.

MA Program
MA in History Stream
The History department offers both Thesis-based MA and Project-based Options in the MA in History. In both options, students must take HSTR 500 (Historiography) and 4.5 units of graduate History courses including at least 1.5 units in a topical field (usually HSTR 510 to 526) and 1.5 units in a geographical field (usually HSTR 510A to 509A). Some courses may be counted as either geographical or topical fields. Please see uvic.ca/history for details or contact the Graduate Adviser. In both programs, at least one course must be outside the area of specialization.

Students who obtain a 5.0 grade point average but who obtain less than B standing in HSTR 500 must repeat HSTR 500. They may repeat HSTR 500 only once solely.

Part-time study is permitted, but the degree must be completed within five years of the initial registration.

Although there are no formal residence requirements, residence is recommended.

Thesis-based Option
Students in the thesis option will also take HSTR 599 (thesis).

Course requirements (Unit Values)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tr>
<td>HSTR 500</td>
<td>1.5</td>
</tr>
<tr>
<td>Geographical Field Course</td>
<td>1.5</td>
</tr>
<tr>
<td>Topical Field Course</td>
<td>1.5</td>
</tr>
<tr>
<td>Geographical or Topical Field Course</td>
<td>1.5</td>
</tr>
</tbody>
</table>
Course requirements (Unit Values)

Thesis ................................................................................................................. 9.0
Total ...................................................................................................................... 15.0

Other Requirements

At the end of the first month of their fourth term of registration, students must submit a short historiographical report on their thesis topic to their supervisor. This must include an explanation of how they plan to complete their research. If this report is not completed by the first month of the fifth term of registration, the student will be required to meet with his or her supervisor and the Graduate Adviser. If the report is not submitted within a week following this meeting, the student will normally be required to withdraw from the program by the end of the fifth term.

Thesis

The thesis length must be between 70 and 120 typed pages.

Program Length

The thesis MA is designed to be completed in two years.

Project-based Option

Students in the project-based option will also complete an additional 1.5 units of course work, normally in a geographical field, plus HSTR 550 and HSTR 598 (Extended Research Paper).

Course Requirements (Unit Values)

HSTR 500 ............................................................................................................. 1.5
HSTR 550 ............................................................................................................. 1.5
Geographical Field Courses .............................................................................. 3.0
Topical Field Course ......................................................................................... 1.5
Geographical or Topical Field Course ............................................................... 1.5
Major Research Paper ....................................................................................... 6.0
Total ...................................................................................................................... 15.0

At least 1.5 units must treat a geographical area outside that covered in the major research paper.

Final Project

Students will complete a major research paper. This paper will normally be based on primary research and may emerge from a paper written for a graduate course other than HSTR 550. The major research paper must be 40-45 typed pages and will be written in the form of a journal article. It will be graded by the supervisor and an additional faculty member. This second reader will be approved by the Dean of Graduate Studies. This paper will not be subject to oral defense.

Program Length

The project-based Option is designed to be completed in one year.

MA in Public History Stream

Students are required to take HSTR 500 (Historiography), HSTR 515A (Public History), 3.0 units of graduate History courses, CH 560 (Cultural Heritage Stewardship and Sustainability) and 1.5 units of Cultural Heritage Studies courses (chosen from CH 561 or CH 562). The 3.0 units of graduate History courses may include a 1.5 unit Field School course (HSTR 470/591, or GMST 489/GER 591).

Course Requirements (Unit Values)

HSTR 500 ............................................................................................................. 1.5
HSTR 515A .......................................................................................................... 1.5
Geographical or Topical Field Course (HSTR) .................................................... 1.5

Geographical or Topical Field Course (HSTR), or Field School
Course .................................................................................................................. 1.5
CH 560 .................................................................................................................. 1.5
One of CH 561 or 562 .......................................................................................... 1.5
HSTR 801 .............................................................................................................. 3.0
HSTR 597 .............................................................................................................. 4.5
Total ...................................................................................................................... 16.5

In certain cases, because of student background or course availability, one or more of the above courses (except HSTR 515A) may be replaced by a different course with approval of the Graduate Adviser. This may include a language course, a relevant graduate course in History or another department, or a 400 level course in Cultural Resource Management.

Work Experience

Students will be required to complete a work experience for course credit, normally over the summer, with a museum, archives, or other public history site (HISTR 801). This could either be a paid full-time co-op position or work experience position, a paid internship or a full or part-time unpaid practicum. Students who are currently working professionals in the field, or have extensive volunteer experience in the field, may be able to have the work experience requirement waived, at the discretion of the Department of History’s Graduate Advisor.

Final Project

Students will complete a written major research paper of 40-50 pages on a public history topic, normally based on primary sources and ideally linked in some way to the focus of their work experience. A website, an exhibit, or other public history project, also based on primary sources, is an acceptable alternative to a major research paper; those choosing to do such a project would also be required to submit a written paper related to the project of at least 20 pages documenting the research component of their project.

Program Length

The MA in Public History is designed to be completed in 16 months for full-time students.

PhD Program

The Doctoral degree requires credit in 7.5 units of graduate courses, including the historiographical/historical methods course (HSTR 500), comprehensive exams in one major and two minor fields, and completion of a dissertation. (Students who have completed HSTR 500 or its equivalent at the MA level will automatically be assigned credit for the course.)

PhD students are required to take 600 level (enriched versions) of three 500 level graduate courses, each worth 1.5 units of course-work, plus a 1.5 unit dissertation-related historiographical course (HSTR 600, Historiography for Dissertation) which will usually be organized by the student’s supervisor. The 600 level courses (601 and above) involve the same work course as the 500 level version of the course plus additional assignments including an expanded list of readings, additional written assignments and the creation of an undergraduate syllabus in the field. These courses will be the basis for the “fields” in which they write comprehensive exams. Students choose three courses from the list of 600 level geographical and topical field courses and are strongly encouraged to choose from both. Geographical field courses are defined by territorial or regional boundaries. Topical field courses examine significant themes that cut across geographical or temporal boundaries, such as social, military, intellectual/cultural, family, women’s, indigenous, gender, religious, colonial, world or maritime history. With the approval of the graduate adviser, students may also take an enriched 1.5 unit graduate course in another department.

Major and minor fields may be defined either topically or geographically. Normally students will choose a course from the list (HSTR 601 and
Concentration in Cultural, Social and Political Thought (CSPT)

Students applying to the Cultural, Social, and Political Thought (CSPT) concentration-an interdisciplinary graduate concentration open to selected MA and PhD students in English, Environmental Studies, History, Political Science, and Sociology-must meet the admission requirements for the MA or PhD program. Applicants must apply online, choosing the Concentration in Cultural, Social and Political Thought (CSPT) option for History. If approved by the department, the application will be reviewed by the CSPT Admissions Committee. For full information about the program see http://www.uvic.ca/interdisciplinary/cspt/. Students must meet the core graduating requirements of History as well as specific requirements of the CSPT Program. See also the entry for “Concentration in Cultural, Social and Political Thought (CSPT)”, page 3. The Graduate Adviser in History should be consulted for details.

Graduate Professional Certificate in Cultural Heritage Studies

For Master’s students interested in careers in museum work, public history or historical preservation, our program will be partnering with the Division of Continuing Studies and Faculty of Fine Arts in support of the Graduate Professional Certificate in Cultural Heritage Studies. Students will get MA course credit for one of five Certificate courses that they can take in pursuit of a professional certificate in cultural heritage. One of the four remaining courses may be taken as an internship to build professional experience. For more information please consult the Graduate Adviser.

CO-OPERATIVE EDUCATION

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op” on page 46.

Indigenous Education

GENERAL INFORMATION

Contact Information
Indigenous Education
Location: MacLaurin Building, Room A260
Mailing Address:
Indigenous Education
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2

Telephone Number: ................................................. 250-721-7826
Fax Number: .......................................................... 250-853-3943
Email: iedlpa@uvic.ca
Website: <http://www.uvic.ca/education/prospective/indigenous/>

Graduate Adviser: Dr. Onowa McIvor
Email: omcivor@uvic.ca
Phone: ................................................................. 250-721-7763

Graduate Secretary: CJ Bungay
Email: iedlpa@uvic.ca
Phone: ................................................................. 250-721-7824

Faculty Members and Areas of Research

Indigenous Education

Nick Claxton, PhD (UVic)

Onowa McIvor, PhD (UBC)

Carmen Rodriguez de France, PhD (UVic)
Heritage language maintenance; bilingualism, Indigenous early childhood education, care and development, teacher education, Indigenous curriculum development and pedagogy; Indigenous epistemologies.
Trish Rosborough, EdD (UBC)
Indigenous language revitalization, Indigenous K-12 education, teacher education

Linguistics
Sonya Bird, PhD (Arizona)
Phonetics and phonology interface; Salish languages; Athabaskan languages

Ewa Czykowska-Higgins, PhD (MIT)
Theoretical phonology and morphology; Salish languages; language revitalization; Slavic languages

Leslie Saxon, PhD (California, San Diego)
Athabaskan/Dene languages, syntax, language revitalization, community-based research, historical and comparative linguistics, morphology

Suzanne Urbanczyk, PhD (Massachusetts, Amherst)
Theoretical morphology and phonology; Coast Salish languages; language revitalization

Peter Jacobs, PhD (UBC)

Degrees and Specializations Offered
Indigenous Education in partnership with the Department of Linguistics offers programs leading to:

- Graduate Certificate in Indigenous Language Revitalization
- Master of Arts in Indigenous Language Revitalization
- Master of Education in Indigenous Language Revitalization

Facilities
Multi-media laboratories and a curriculum library are housed within the Maclaurin Building. The Department of Linguistics is fully equipped for audio and video recording, editing, and analysis, and has facilities and personnel to support computer-based language learning and teaching. The First Peoples House located in the heart of the campus includes a student social gathering space, a reading room, a lunch room, and an Elders' Lounge. Indigenous Education and the Department of Linguistics are affiliated with a number of research centres at UVIC, including the Centre for Youth and Society, the Centre for Early Childhood Research and Policy, and the provincial Indigenous Child Welfare Research Network.

Financial Support
All eligible graduate students are encouraged to apply for funding from provincial, federal and external sources. Please contact Indigenous Student Adviser for more information.

ADMISSION REQUIREMENTS

Admission to Master's Programs
For applicants to all the Indigenous Education graduate programs the admission requirements are:

- A baccalaureate degree (or equivalent degree from another country) from an accredited and recognized institution
- A grade point average of 5.0 (B) in the work of the last two years (30 units) leading to this baccalaureate degree
- Or, mature student category – 4 years professional experience since graduating with a baccalaureate degree
- Or, mature student admission with modified academic requirement as per the Exceptional Entry guidelines below

Applicants must submit two letters of reference (the same two letters required for admission to Faculty of Graduate Studies), provided by two referees who can be a professional colleague, professor or other academic authority, or an Indigenous Language Authority.

Applicants must submit a statement of intent describing their interest in the program and how they plan to use the program to promote community development in Indigenous language and culture revitalization.

First priority will go to applicants who are proficient/literate or semi-proficient/literate in any Indigenous language.

Admission to the Graduate Certificate
For a limited time an exceptional entry is available to applicants to the graduate programs who have extensive expertise in the language and culture of their respective communities and have shown significant leadership in language and culture revitalization projects but do not hold a baccalaureate degree. Exceptional entry applications must provide a profile or CV and portfolio indicating previous education (certificates and diplomas), related professional experience, and training, an additional letter of reference attesting to the applicant’s level of fluency from an Indigenous Language Authority, as well as the regular application requirements to Graduate Studies. The evidence provided in the form of a profile and portfolio will be holistically considered, weighing the sum total of all previous education and experience for preparedness and suitability for the program. Guidelines for profile and portfolio will be included in the application materials as well as posted on the Indigenous Education website. For further assistance with this requirement please contact the Indigenous Student Adviser. Applicants in this category are encouraged to begin preparation of the portfolio well in advance of the application and documentation deadlines in order to receive feedback and assistance from Indigenous Education in its preparation and submission for consideration by the Program Admissions Committee.

Students who have successfully completed the coursework for the certificate program may apply to transfer the coursework to the Master's program.

Students who choose to transfer to the degree program will not receive the certificate designation. Students who do not complete the Master's program may apply to receive the certificate as an exit credential provided they have successfully completed the first two terms of the Master's program.

It is expected that this condition will be applied for the first 5 years of the program only, from the year the program began.

Deadlines
Please note the following application deadlines for entry in Summer Term

- January 15: Application Deadline
- January 31: Document Deadline

Applications and documentation received after the deadline may be accepted by the Graduate Admissions and Records Office, but there is no guarantee that the application will be processed and evaluated in time for a decision for the desired entry point. Applicants who submit application forms or documentation after the deadlines do so at their own risk. Application Fees will not be refunded.

PROGRAM REQUIREMENTS
The Graduate programs in Indigenous Language Revitalization are full-time programs delivered in a flexible format. Courses are offered variously as summer institute programs, and blended formats combining face-to-face course delivery and distance learning, minimizing the on-campus requirements. As these are cohort-based programs, all candidates for the Indigenous Language Revitalization programs must move together through the sets of courses.
Graduate Certificate in Indigenous Language Revitalization

The certificate is based on 6.0 units of course work and includes a small-scale community-based project as part of a community-based research course (LING/IED 531).

Program Unit Total: 6.0

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>IED 572 (1.5)</td>
<td>SKALs: Indigenous Epistemologies</td>
</tr>
<tr>
<td>IED 531 (1.5)</td>
<td>Researching Community-Based Initiatives in Language Revitalization</td>
</tr>
<tr>
<td>LING 578 (1.5)</td>
<td>Sociocultural Theory and Second Language Learning</td>
</tr>
<tr>
<td>IED 510 (1.5)</td>
<td>Leadership &amp; Governance for Language Revitalization</td>
</tr>
<tr>
<td>IED 520 (1.5)</td>
<td>Program and Curriculum Development in Language Revitalization</td>
</tr>
<tr>
<td>LING 574 (1.5)</td>
<td>Seminar in Applied Linguistics</td>
</tr>
<tr>
<td>LING 577 (1.5)</td>
<td>The Global Context of Language Revitalization</td>
</tr>
<tr>
<td>LING 500 (1.5)</td>
<td>Linguistic Field Methods</td>
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</tbody>
</table>

Program Length

Usually completed in two terms.

Masters of Arts in Indigenous Language Revitalization

Program Unit Total: 16.5

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<tr>
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<tr>
<td>IED 599 (4.5)</td>
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</table>

Program Length

Designed to be completed over two calendar years.

Masters of Education in Indigenous Language Revitalization

Program Unit Total: 16.5

<table>
<thead>
<tr>
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<tr>
<td>IED 599 (4.5)</td>
<td>Thesis</td>
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<tr>
<td>IED 597 (1.5)</td>
<td>Comprehensive Exam</td>
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<tr>
<td>IED 598 (3.0)</td>
<td>Major Project</td>
</tr>
</tbody>
</table>

Program Length

Designed to be completed over two calendar years.

Indigenous Governance

GENERAL INFORMATION

Contact Information

Indigenous Governance
Location: Human & Social Development Building, Room A260
Mailing Address:
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Human & Social Development Building, Room A260
3800 Finnerty Road
Victoria, BC V8P 5C2
Canada
Telephone Number: ............................................................250-721-6438
Fax Number: .............................................................................250-472-4724
Email: igov@uvic.ca
Website: <www.uvic.ca/igov/>
Director: Dr. Jeff Corntassel
Email: ctassel@uvic.ca
Phone: ...................................................................................250-721-6440
Graduate Adviser: Dr. Taiaiake Alfred
Email: gta@uvic.ca
Phone: ...................................................................................250-721-6439
Program Assistant & Graduate Secretary: Marla Sampson
Email: igov@uvic.ca
Phone: ...................................................................................250-721-6438

Faculty Members and Areas of Research

Taiaiake Alfred, Professor and Director, Indigenous Governance, PhD (Cornell)
Specialization in Indigenous governance traditions, First Nations politics, Haudenosaunee history and culture, leadership, decolonization, nationalism, political philosophy and cultural restoration.

Jeff Corntassel, Associate Professor, Indigenous Governance, PhD (Arizona)
Specialization in Indigenous political movements, community resurgence, global Indigenous rights discourse, and sustainable self-determination.

Dee Devi Mucina, Assistant Professor, Indigenous Governance, PhD (Toronto)
Specialization in international Indigenous masculinity, oral Ubuntu philosophy, decolonizing Indigenous fathering, and Ubuntu governance.
understanding government and politics among Indigenous peoples, foundation of basic and applied scholarly research and a path to interdisciplinary program that provides students with a strong Master of Arts:

to research among Indigenous people.

background in the theory, methods and tools appropriate for and useful dimensions involved in governing Indigenous communities, as well as an understanding of the philosophical, administrative, and political knowledge. Through these programs, students will gain an respects both western and Indigenous traditions, methods and forms of emerging field of Indigenous Nationhood in ways that will enable advanced level in the theoretical, methodological and applied aspects of governments in Canada.

IGOV offers a PhD by Special Arrangement for students who wish to pursue more in-depth studies of topics related to Indigenous Governance. The Program aspires to educate students who are grounded in a diverse body of knowledge to assume leadership and policy making roles, or to continue their academic careers in a variety of fields including social science and history, law or native studies. Candidates will have a baccalaureate degree from a recognized university, or equivalent qualifications with an academic standing acceptable to Indigenous Governance and the Faculty of Graduate Studies. Admission generally requires at minimum a very high second class standing (B+) in the two final years of the undergraduate degree.

Prospective students seeking admission to the PhD by Special Arrangement should contact the Graduate Adviser in the Indigenous Governance Program.

IGOV applicants should discuss their interest in the IN Graduate Certificate with IGOV’s Graduate Advisor and must apply to the IN Program Director. Application to the certificate is typically done at the time of application to the MA or PhD programs.

Please note that the application and documentation deadline for September admission to all programs is January 15.

All applications received by the application deadline that meet the minimum GPA requirements will automatically be considered for Fellowship funding.

Applications and documentation received after the deadline may be accepted by the Graduate Admissions and Records Office, but there is no guarantee that the application will be processed and evaluated in time for a decision for the desired entry point. Applicants who submit application forms or documentation after the deadlines do so at their own risk. Application Fees will not be refunded.

The Master’s is a full time program delivered in a flexible format. Courses are offered variously as standard academic year graduate seminars, summer institute programs and in more intensive formats. All candidates for the MA degree must commit to a 3.0 unit Mentorship with an academic supervisor and complete a Community Governance Project including an internship, a written report, and an oral defense.

Students in the program must complete the following requirements:

Indigenous Governance Core Credits .......................................................... 6.0
Mentorship Course Credits ...................................................................... 3.0
Elective Course Credits .......................................................................... 1.5
Community Governance Project ............................................................ 4.5
Total Degree Requirements:..................................................................... 15.0

Course Requirements

Indigenous Governance Core Courses (6.0 units)
IGOV 520 (1.5) Indigenous Governance
Course Requirements

IGOV 530 (1.5) Indigenous Research Methods
IGOV 540 (1.5) Indigenous Resurgence
IGOV 550 (1.5) Indigenous Peoples and Self-Determination

Mentorship Course Credits

IGOV 575 (3.0) Mentorship
All students must register in a two term Mentorship that will include weekly meetings with a faculty member to help guide the student’s research and support professional development.

IGOV Elective Courses (1.5 units required)

IGOV 560 (1.5) Indigenous Peoples and Globalization
IGOV 570 (1.5) Indigenous Women and Resistance

Students must take an additional graduate level course selected from among IGOV electives or approved courses in related fields of study with permission on a case-by-case basis, of the relevant faculty, the student’s supervisor and the Graduate Adviser.

Community Governance Project (4.5 or 6.0 units*)

Projects are geared toward providing a practical learning experience and opportunity for students to face the real world challenges of governance in an Indigenous context. They also serve a crucial function for affiliated communities in providing access to the University’s resources and expertise through the students’ participation in projects to enhance the community’s governance capacity.

Community governance project interns will work on a designated research or policy development project in an Indigenous organization, under the direction of a project management team that includes community leaders and IGOV faculty. Internship placements must be approved by the Director, and will typically involve one hundred hours of work in the community and the completion of a comprehensive report based on the internship experience. Before registering in the Community Governance Project, a student must have completed all core courses (IGOV 520, 530, 540, and 550) as well as Mentorship (IGOV 575) and their elective.

*Note: Only Students who have entered the Master’s program prior to September 2009 need to register in the 6.0 unit section of IGOV 598 (requires permission of the department). Students who start their MA program on or after September 2009 need to register in the 4.5 unit section of IGOV 598.

Oral Examination

An oral examination is required upon completion of the internship and should encompass content from coursework, research papers, and the Community Governance Project.

Program Length

The Master’s is normally completed in 18-24 months although it is possible to complete in one calendar year.

Graduate Certificate in Indigenous Nationhood (IN)

The IN Certificate can be integrated into both the IGOV MA and PhD programs.

Master of Arts Program with Graduate Certificate in Indigenous Nationhood

MA students must meet all the core requirements for their IGOV MA degree plus the specific requirements of the IN Certificate. In addition to the core MA requirements students must complete:

IN 601 (1.5)

LAW 343, LAW 368, LAW 340, or a LAW course approved by the IN Director (1.5 units)*
POLI 533, POLI 463 or a POLI course approved by the IN Director (1.5 units)*

*1.5 units of electives above can be used to satisfy the IGOV MA elective as well as the IN Graduate Certificate
IN 697 (1.5 units) (Must be taken concurrently with IGOV 598: Community Governance Project)

Depending on how students arrange their courses, the IN Graduate Certificate will require a student to take a minimum of 4.5 additional units of course work beyond their MA.

PhD (SPARR) Program with Graduate Certificate in Indigenous Nationhood

PhD (SPARR) students who wish to complete the IN Graduate Certificate must integrate the requirements of the IN Certificate into their course of studies. Requirements include:

IN 601 (1.5)
LAW 343, LAW 368, LAW 340, or a LAW course approved by the IN Director (1.5 units)
POlu 633, POLI 533 or a POLI course approved by the IN Director (1.5 units)
IGOV 540 or IGOV 550 (1.5 units). (Requirement may be waived if student has already completed one of these courses through an IGOV MA)
IN 697 (1.5 units)

Indigenous Nationhood (IN)

GENERAL INFORMATION

Contact Information
Certificate Program in Indigenous Nationhood
Mailing Address:
PO Box 3050 STN CSC
Victoria, BC V8W 3P5
Canada
Courier Address:
Cornett Building, Room B138
3800 Finnerty Road
Victoria, BC V8P 5C2
Canada
Telephone Number: 250-721-6430
Email: starkh@uvic.ca
Website: <www.uvic.ca/interdisciplinary/indigenousnationhood>
Director: Dr. Heidi Kiwetinepinesiik Stark
Phone: 250-721-6430

The Indigenous Nationhood certificate draws on faculty members and courses from the Department of Political Science, the Indigenous Governance Program and the Faculty of Law to enable students to examine the intersections of law, politics, and governance with a focus on Indigenous nations and peoples. Students will be trained in a variety of areas that account for how Indigenous governance and legal traditions have been impacted by colonialism as well as how asymmetrical power relations continue to inform possibilities for decolonization and resurgence. Students will be exposed to theoretical and applied lines of inquiry centered in IN through the lenses of decolonization and resurgence, Aboriginal and Treaty Rights and Indigenous legal traditions, critical dialogues on diplomacy and sustainable relationships, critical race theory and settler colonialism, and Indigenous-state relations and
constitutionalism. These intersections provide a unique opportunity for students to examine varied epistemological, theoretical, and methodological approaches within and across the fields of Indigenous governance, politics and law.

Students interested in the Certificate in Indigenous Nationhood must consult the IN Program Director. Applicants to the Graduate Certificate in Indigenous Nationhood must submit an additional and separate application to the IN Certificate Program. The application must include a cover letter, a two page statement of proposed research, a sample of academic writing, CV and two references.

This certificate can also be combined with an MA or PhD in "Political Science" (see page 198), an MA or PhD by special arrangement in "Indigenous Governance" (see page 156), or an LLM or PhD in "Law" (see page 162).

**PROGRAM REQUIREMENTS**

The graduate certificate in IN requires 7.5 units of study.

The foundational course for the graduate certificate in IN is IN 601: Foundations of Indigenous Nationhood.

In addition to the 1.5 units of IN 601, students must complete a total of 4.5 units from electives. Students must take a 1.5 unit course from each of POLIT, IGOV, and Law. For course offerings, see the list of approved elective courses.

The final requirement is participation in IN 697: Capstone Experience. This course is 1.5 units and will involve either a comprehensive examination of Indigenous Nationhood or a committee-approved community internship, or other community-based work/service-integrated learning opportunity approved by the Program committee.

**Interdisciplinary Graduate Programs**

**GENERAL INFORMATION**

**Contact Information**

Faculty of Graduate Studies
Location: University Centre, second floor, Room A207
Mailing Address:
Faculty of Graduate Studies
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 3P2

Courier Address:
Faculty of Graduate Studies
3800 Finnerty Road
University Centre, Room A207
Victoria, BC V8P 5C2

Telephone Number: 250-721-7970
Fax Number: 250-721-8957
E-Mail: fgs@uvic.ca
Website: <web.uvic.ca/gradstudies>

Dean: Dr. David Capson
E-Mail: graddean@uvic.ca
Phone: 250-721-7970

INTD Graduate Adviser: TBD
E-Mail: intdgrad@uvic.ca
Phone: 250-472-7970

INTD Assistant: TBD
E-Mail: intdsec@uvic.ca
Phone: 250-721-7970

**Faculty Representatives to the INTD Committee**

Stephen V. Evans, PhD, Associate Dean of Graduate Studies, Chair
Graduate Advisor, Vice-Chair, TBD
Evanthia Baboula, DPhil, Fine Arts
Margaret Cameron, PhD, Humanities
Monica Prendergast, PhD, Education
Dennis Jelinski, PhD, Social Sciences
Theodore L. McDorman, LLM, Law
Teri Lacourse, Science
George Tzanev, PhD, Engineering
Rebecca N. Warburton, PhD, Human and Social Development
Ada Saab, Director, Graduate Admissions & Records (non-voting)

**Faculty Members and Areas of Research**

All regular members of the Faculty of Graduate Studies are eligible to supervise Interdisciplinary Graduate Students.

An interdisciplinary graduate program integrates knowledge, skills, data, ideas and insights from different domains of knowledge to examine a phenomenon that lies beyond the purview of a single area of knowledge and/or specific discipline(s). Interdisciplinary research may also involve integrating research approaches from different domains or disciplines. The form of interdisciplinary graduate study varies. Some programs focus on bringing two or more discrete disciplines together to address a research question. Other programs may focus on an interdisciplinary phenomenon or area of research that requires interdisciplinary knowledge development. The questions raised and explored by interdisciplinary research may lead to expanded knowledge about a phenomenon as well as new perspectives and/or areas of investigation for the disciplines themselves.

**Degrees and Specializations Offered**

MA, MSc, PhD

Interdisciplinary Graduate Programs are offered through a variety of options:

1. Students may undertake interdisciplinary studies as part of a regular existing program that is interdisciplinary in nature. These programs include Dispute Resolution; Indigenous Governance; Neuroscience; Social Dimensions of Health Research; interdisciplinary graduate programs in Cultural, Social, and Political Thought (refer to calendar entry for English, Environmental Studies, History, Political Science or Sociology).

2. Students may enrol in a program within a regular disciplinary academic unit and engage in interdisciplinary research supervised by a faculty member associated with an interdisciplinary research centre. Research centres at the University of Victoria include: British Columbia Institute for Co-operative Studies; Centre for Addiction Research of British Columbia; Centre for Advanced Materials and Related Technology; Centre for Asia-Pacific Initiatives; Centre for Biomedical Research; Centre for Earth and Ocean Research; Centre for Global Studies; Centre for Forest Biology; Centre for Health Promotion; Centre for Studies in Religion and Society; Centre for Youth and Society; Centre on Aging.

3. A student may undertake an individual interdisciplinary studies (INTD) program to pursue interdisciplinary research in an area that has not been formally approved as a regular graduate degree program by the University of Victoria Senate. The Individual INTD degree must be supported through a combination of two academic units (the home or primary unit and the co-supervising or secondary unit). Individual interdisciplinary degrees are generally offered at doctoral and master’s levels; however, one of the units must have an established graduate degree program at the same level as the proposed interdisciplinary degree program. It is the applicant’s responsibility to arrange the details of the program.
under the guidance of her proposed supervisory committee. The academic units and the Faculty of Graduate Studies are under no obligation to arrange or approve interdisciplinary programs.

**Individual Interdisciplinary Studies Programs (INTD)**

Individual interdisciplinary programs are subject to all of the usual Faculty of Graduate Studies regulations. Interested students are required to contact the interdisciplinary Graduate Advisor for an information session before proceeding to the application process. The program proposal must be formulated by the applicant under the guidance of the prospective supervisors. Each application is evaluated by the Interdisciplinary Committee of the Faculty of Graduate Studies. **Approval is not guaranteed.** Courses should not be started without formal approval of the program by the Faculty of Graduate Studies.

**Admission Requirements**

Applicants for interdisciplinary degree programs must follow the admission procedures and meet the minimum entrance criteria set out in the Faculty of Graduate Studies regulations in the University of Victoria Graduate Calendar. In addition to the completion of a recognized four-year undergraduate university degree, students will normally be required to have a minimum Grade Point Average of 7.00 (A-).

Potential applicants must develop a degree program and assemble a supervisory committee before making a formal application. The student’s official record will indicate the program as Interdisciplinary (INTD); comprehensive examinations, thesis, and/or dissertation will carry the prefix INTD.

**Application Procedures**

Students should consult the INTD Application Instructions found under ‘Program information’ on the Graduate Studies website. <uvic.ca/graduatestudies>

INTD applications consist of several sections assembled in this order: Resume, Research Proposal, Program Proposal, and Letters of Support. Students should note the strict limitations on number of pages, typeface, font size, etc. Each of these sections is submitted independently via the online INTD application process, available at <uvic.ca/garo>

Interested students are advised to initiate the application process two to four months in advance of their intended submission date to allow sufficient time for the proposal to be formulated in collaboration with their prospective supervisors and for permission to be obtained from the chair of the academic units concerned. **All the steps outlined on the Graduate Studies INTD website must be completed by the official application deadline.**

**Application deadlines**

- May 15 for September entry
- September 30 for January entry
- January 31 for May entry

**Notifications are sent out between 4 and 6 weeks after the deadline. Students who wish early notification may apply one or two terms in advance of their intended entry date.**

The Faculty of Graduate Studies may limit the number of Individuals enrolled in Interdisciplinary Graduate degree programs.

**Program Requirements**

Before an offer of admission can be made, applicants must have an interdisciplinary degree program approved by the Faculty of Graduate Studies. This proposal is jointly developed by the applicant and the projected supervisor and includes a completed Individual Interdisciplinary Graduate Program for Approval form (including signatures of proposed supervisory committee) and a rationale for the program. The program must be genuinely interdisciplinary, and the rationale must indicate the reasons it is necessary to create an individual interdisciplinary degree rather than have the student apply to an existing program.

**Academic Supervisor for Individual Interdisciplinary Degrees**

Supervisory committee members from two academic units must be designated as academic co-supervisors. It is important to ascertain the specific roles of each supervisor. One of the co-supervisors will take the administrative lead. The academic unit of this administrative co-supervisor normally serves as the administrative home for the student’s program.

**Degree Program and Supervisory Committee for Individual Interdisciplinary Degrees (Master’s and PhD)**

The degree program may be negotiated by the members of the supervisory committee, but it must conform to all regulations of the Faculty of Graduate Studies. For both PhD and Master’s programs, there must be a supervisory committee member from two departments which are designated as academic co-supervisors. In addition to the co-supervisors, the supervisory committee normally will include at least one other member from a relevant field of study.

Any changes to a degree program or supervisory committee must be made in writing and approved by the Dean of Graduate Studies.

**Program and Course Designation**

The student’s official record will indicate the program as “Interdisciplinary.” The degree program can consist of appropriate INTD courses as listed below as well as regular courses from other academic units.

- INTD 580 1 (1.5-3.0): Directed Studies
- INTD 599 2 (4.5-12.0): Thesis
- INTD 680 1 (1.5-3.0): Directed Studies
- INTD 693 2 (3.0): Candidacy Examination
- INTD 699 2 (15.0-30.0): Dissertation

1. May be taken more than once for credit provided courses content differs.
2. Grading is INP, COM, N, F.

**Candidacy Exams**

The candidacy exam is intended to demonstrate a student’s knowledge of his or her field of study, the viability of the proposed dissertation topic and the student’s ability to undertake the research. All students registered in the Interdisciplinary PhD program are required to successfully complete a candidacy examination. The candidacy exam includes both a written and oral component. The format of the examination may vary based on the specific circumstances. The written component is intended to provide a foundation for the future research project. To that end, the format of the written component will include two or more papers outlining the scholarly context and relevant research methodology or a plan outlining the proposed research for the PhD dissertation that includes a summary of relevant existing research and literature and a bibliography. Alternative models for the written component of the exam, if deemed necessary, will normally be decided upon during the first semester of the student’s registration. The papers and oral component will be evaluated on a pass/fail basis by the PhD supervisory committee. In the event the student does not pass one or both of the components the student is afforded one additional opportunity to successfully pass both components within three of months of the original oral exam date.

The co-supervisors, along with the student, will determine if INTD 693 (Candidacy Examination) will be a pre- or co-requisite to INTD 699 (Dissertation). As well, the time limit for completion of candidacy will be determined at the beginning of the program. If the time limit is other
than the Faculty of Graduate Studies policy of 36 months, it will be the responsibility of the home academic unit to keep track of this time limit.

Program Length

Master’s degrees could be completed in two years, doctoral degrees within 3 to 5 years. Normally, a student proceeding toward a master’s degree will be required to complete all the requirements for the degree within five years (60 consecutive months) from the date of the first registration in the master’s degree. In no case will a degree be awarded in less than 12 consecutive months from the time of first registration.

Normally, a student proceeding toward a doctoral degree will be required to complete all the requirements within seven years (84 consecutive months) from the date of first registration in the program. If a student transfers to a doctoral program after an initial period in a master’s program, completion is required within seven years of the date of the first registration in the master’s program. A doctoral degree will not be awarded in less than 24 consecutive months from the time of first registration.

Students must obtain approval for a program extension prior to the time limit expiry date. If a program extension is not approved prior to the program expiry date, the student will normally not be permitted to continue in or return to that program.

Concentration in Cultural, Social and Political Thought (CSPT)

Location: Cornett Building, Room B138
Mailing Address:
Cultural, Social and Political Thought
University of Victoria
PO Box 3050 STN CSC
Victoria, BC V8W 3P5
Canada
Courier Address:
3800 Finnerty Road
Cornett Building B138
Victoria, BC V8P 5C2
Telephone Number: 250-472-5185
Website: <www.uvic.ca/interdisciplinary/cspt/>
Director: Dr. Peyman Vahabzadeh
Email: csptdi@uvic.ca
Phone: 250-721-6353
CSPT Program Assistant:
Email: csptsec@uvic.ca
Phone: 250-472-5185

This concentration is available to selected graduate students in English, Environmental Studies, History, Political Science, and Sociology. Interested students should consult the relevant departmental entries.

Students applying for an Individual Interdisciplinary MA or PhD Program may also opt for a concentration in Cultural, Social and Political Thought (CSPT). To be eligible for this concentration, students must receive approval from both the department and the CSPT Admissions Committee.

An approved Individual Interdisciplinary MA program with a CSPT concentration will include:
- CSPT 501
- at least 1.5 units of CSPT 500
- a thesis worth from 6 to 9 units, on an approved topic within the field of cultural, social and political thought, under the direction of a supervisory committee including at least two participating CSPT faculty members.

- 3 to 6 units of other courses at the graduate level approved by the CSPT Program Director and the Interdisciplinary Special Arrangements Admissions Committee, to a total of 15 units for the program as a whole including the thesis and CSPT course requirements.

An approved Individual Interdisciplinary PhD program with a CSPT Concentration will include:
- CSPT 601
- at least 1.5 units of CSPT 600
- a candidacy examination within the field of cultural, social and political thought.
- At least 4.5 units of other courses at the doctoral level, approved by the CSPT Program Director and the Interdisciplinary Special Arrangements Admissions Committee.
- A second candidacy examination in a field approved by the CSPT Program Director and the Interdisciplinary Special Arrangements Admissions Committee.
- A dissertation worth 30 units on an approved topic within the field of cultural, social and political thought, under the direction of a supervisory committee including at least two participating CSPT faculty members.

Graduate Certificate in Indigenous Nationhood (IN)

Mailing Address:
Certificate Program in Indigenous Nationhood
University of Victoria
PO Box 3050 STN CSC
Victoria, BC V8W 3P5
Canada
Courier Address:
3800 Finnerty Road
Cornett Building B138
Victoria, BC V8P 5C2
Telephone Number: 250-472-5185
Website: <www.uvic.ca/interdisciplinary/indigenousnationhood/>
Director: Dr. Heidi Kiwetinopinesiik Stark
Email: starkh@uvic.ca
Phone: 250-721-6430

The Indigenous Nationhood certificate draws on faculty members and courses from the Department of Political Science, the Indigenous Governance Program and the Faculty of Law to enable students to examine the intersections of law, politics, and governance with a focus on Indigenous nations and peoples. Students will be trained in a variety of areas that account for how Indigenous governance and legal traditions have been impacted by colonialism as well as how asymmetrical power relations continue to inform possibilities for decolonization and resurgence. Students will be exposed to theoretical and applied lines of inquiry centered in IN through the lenses of decolonization and resurgence, Aboriginal and Treaty Rights and Indigenous legal traditions, critical dialogues on diplomacy and sustainable relationships, critical race theory and settler colonialism, and Indigenous-state relations and constitutionalism. These intersections provide a unique opportunity for students to examine varied epistemological, theoretical, and methodological approaches within and across the fields of Indigenous governance, politics and law.

Students interested in the Certificate in Indigenous Nationhood must consult the IN Program Director. Applicants to the Graduate Certificate in Indigenous Nationhood must submit an additional and separate application to the IN Certificate Program. The application must include a
cover letter, a two page statement of proposed research, a sample of academic writing, CV and two references.

This certificate can also be combined with an MA or PhD in “Political Science” (see page 1), an MA or PhD by special arrangement in “Indigenous Governance” (see page 1), or an LLM or PhD in “Law” (see page 1).

**Program requirements**

The graduate certificate in IN requires 7.5 units of study.

The foundational course for the graduate certificate in IN is IN 601: Foundations of Indigenous Nationhood.

In addition to the 1.5 units of IN 601, students must complete a total of 4.5 units from electives. Students must take a 1.5 unit course from each of POLI, IGOV, and Law. For course offerings, see the list of approved elective courses.

The final requirement is participation in IN 697: Capstone Experience. This course is 1.5 units and will involve either a comprehensive examination of Indigenous Nationhood or a committee-approved community internship, or other community-based work/service-integrated learning opportunity approved by the Program committee.

**Law**

**GENERAL INFORMATION**

**Contact Information**

Faculty of Law

Location: Murray and Anne Fraser Building, Room 119

Mailing Address: Faculty of Law, University of Victoria

PO Box 1700, STN CSC

Victoria, B.C. V8W 2Y2

Canada

Telephone Number: 250-721-8913

Fax Number: 250-721-6390

Email: gradlaw@uvic.ca

Website: <www.uvic.ca/law/graduate>

Dean: Professor Jeremy Webber

Email: lawdean@uvic.ca

Phone: 250-721-8147

Graduate Adviser:

Dr. Victor Ramraj, Director of Graduate Programs

Email: gradlaw@uvic.ca

Phone: 250-721-8154

Graduate Assistant: Abby Winograd

Email: gradlaw@uvic.ca

Phone: 250-721-8913

**Faculty Members and Areas of Research**

Elizabeth Adjin-Tettey, DJur (Osgoode)

Associate Dean, Administration and Research. Torts; remedies; insurance; race, ethnicity, and the law; feminist analysis of law

John Borrows, FRSC, PhD (Osgoode)

Canada Research Chair in Indigenous Law. Indigenous legal traditions, Canadian aboriginal law, comparative indigenous rights, Canadian constitutional law, and comparative constitutional law

Gillian Calder, LLM (Osgoode)

Constitutional law, feminist legal theory, social benefits law, family law, performance and law

Kathryn Chan, LLM, DPhil (Oxford)

Law of the voluntary sector, the law of gift, administrative law and regulation, religious freedom, comparative law, and human rights and legal pluralism

Patricia Cochran, PhD (UBC)

Constitutional law, evidence law, political and legal theory, theories of judgment.

Deborah L. Curran, LLM (California, at Berkeley)

Hakai Professor in Environmental Law and Sustainability. Water law, growth management and land use law, food systems, and the common ownership of property, real estate and shared-decision making.

Maneesha Deckha, LLM (Columbia)

Feminist and postcolonial legal theory, critical animal studies, animal law, health law, bioethics, elder law, law and culture, law and society

Gerard A. Ferguson, LLM (New York)

University of Victoria Distinguished Professor. Criminal law, criminal procedure, sentencing, mental health law

J. Donald C. Galloway, LLM (Harvard)

Torts, immigration and refugee law, jurisprudence, citizenship law

Mark R. Gillen, LLM (Toronto)

Securities regulation, business associations, trusts, taxation law, competition law

Donna Greschner, BCL (Oxon)

Constitutional law, comparative constitutional law, equality rights, health-care law, legal theory

Robert G. Howell, LLM (Illinois)

Intellectual property, managing intellectual property, telecommunications, private international law (conflicts of law)

Rebecca Johnson, SJD (Michigan)

Law and society, legal discourse, culture and the humanities, law and popular culture, law and literature, feminist legal theory, statutory interpretation, criminal law, equality law

Freya Kodar, LLM (Osgoode)

Pensions (public and private), debt and credit regulation, income security, care work, feminist political economy and disability and the law

Michelle S. Lawrence, PhD (Simon Fraser)

Criminal litigation and justice policy

Hester A. Lessard, LLM (Columbia) - Professor Emeritus

Constitutional law, feminist legal theory, equality rights

Carol Liau, PhD Candidate (UBC/Toronto)

Corporate law, business ethics, law and economics, contracts, securities regulation, commercial and consumer law, corporate social responsibility, responsible investment and impact investment, social enterprise law.

Colin Macleod, PhD (Cornell)

Moral, political, and legal philosophy; jurisprudence especially the relation between law and morality); children’s rights

Theodore L. McDorman, LLM (Dalhousie)

Public international law, international ocean law
Degrees and Specializations Offered

The Faculty of Law offers programs of study leading to the degrees of Master of Laws in Law and Society and Doctor of Philosophy in Law and Society. The programs provide an opportunity for advanced research at the intersection of “Law and Society” and are rigorously interdisciplinary both in their coursework and research components. In many cases, students will be expected to have two supervisors, one from the Faculty of Law and one from another faculty.

Both programs require full-time registration. The program is especially appropriate for students interested in any of the following areas of concentration:

- Aboriginal Law and Indigenous Rights
- Constitutional Law
- Environmental Law and Policy
- Legal Theory, especially Feminist and Critical Legal Theory
- Legal History
- Market Regulation (for example, Employment and Labour Law, International Private and Public Law, and Commercial Law)

Students in other areas may also be admitted if supervisory resources exist. In each area of research, students are required to relate understanding of the law to another body or other bodies of knowledge and practice.

The course requirements for the program consist of:

a) two core graduate seminars designed to introduce students to fundamental research questions and methodologies;
b) a set of graduate courses that permit advanced studies in Law organized around students’ individual interests or special opportunities provided by visitors to the Faculty;
c) graduate courses offered by our strong partner faculties; and
d) upper-level Law undergraduate seminars across a wide range of subjects.

Full information on Law courses can be found on the Faculty’s website: <www.uvic.ca/law>.

The Graduate Certificate in Indigenous Nationhood (NI) provides an opportunity for students to specialize and focus on the intersections of governance, politics and law from a multi-disciplinary perspective. It is an interdisciplinary program with courses taken from IGov, Political Science and Law. A central aim of the certificate is to train students at an advanced level in the theoretical, methodological and applied aspects of the emerging field of Indigenous Nationhood in ways that will enable them to be future researchers and engaged community members and scholars.

In addition, seminars, colloquia, lectures, and conferences provide many special opportunities for collegiality among graduate students and between graduate students and faculty. These include the Victoria Colloquium on Political, Social, and Legal Theory which involves the interaction of theorists with international reputations and students from a variety of disciplines.

Facilities

Students in the Graduate Program in Law and Society have access to a well developed and serviced Priestley Law Library and the University’s McPherson Library, which has holdings in excess of 1.9 million volumes. The Faculty of Law also has close links with the Centre for Asia-Pacific Initiatives, the Institute for Dispute Resolution, and the Centre for Studies in Religion and Society.

Financial Support

Please see the Law Graduate Program website for more information. http://www.uvic.ca/law/graduate/tuitionandfunding/index.php

ADMISSION REQUIREMENTS

The normal minimum for admission to the LLM degree program will be a Bachelor of Laws (LLB), Juris Doctor (JD) or equivalent civil law degree with an average of B+ (6.0 G.P.A.) in the final two years of that law degree program. The normal minimum for admission to the PhD degree will be an average of A- (7.0 G.P.A.) in graduate courses.

For international students whose first language is not English a TOEFL minimum score of 600 (paper based) or 100 (internet based) is required.

Admission to the Master’s Program

Applicants for the LLM program are required to submit a curriculum vitae and an LLM Statement of Intent (one page maximum) indicating areas of research interest. This will assist in the assessment of the application and...
ensure that the student’s areas of interest can be accommodated by the program.

Admission to the PhD Program

Applicants for the PhD program are required to submit a curriculum vitae and a full dissertation proposal (five-page maximum) for assessment in the admissions process, although this proposal may be revised during the student’s candidacy in the program. Also required is a sample of the applicant’s research writing, e.g. a completed segment of a master’s thesis or published article.

Deadlines

The application deadline for September entry is January 31. For applicants who hold any post-secondary documents from academic institutions outside of Canada, however, the deadline is January 7. Applications are reviewed by the Graduate Admissions and Records Office and then by the Law Graduate Studies Committee. The admission selection process is competitive. Not all students who meet the minimum requirements can be admitted.

PROGRAM REQUIREMENTS

LLM Program

The LLM in Law and Society is primarily a thesis-based degree. There is a small coursework and major research paper component that requires additional coursework. Both options are rigorously interdisciplinary and require full-time registration in the program for a minimum of three terms (twelve months). Please note that, in the admission process, preference is given to applications for the thesis LLM over the coursework LLM.

All students are required to enrol in the core Graduate Seminar in Law and Society (LAW 501) and the Graduate Seminar in Applied Legal Methodology (LAW 502). Students are also required to take at least one graduate course in a non-Law discipline germane to their research. The balance of their course requirements will be made up from Law graduate, non-Law graduate, and upper-level Law undergraduate courses (students will not, however, be permitted to take for graduate credit a course which they have already taken—either here or at another university—for undergraduate credit).

LLM – Thesis Option

Course Requirements

Thesis Option

Graduate Seminar in Law and Society (LAW 501) .................................................. 1.5
Graduate Seminar in Applied Legal Methodology (LAW 502) .................................. 1.5
Graduate (non-Law) seminar .................................................................................. 1.5
Other (Law courses and/or other non-Law courses, with no more than 3 units at the Undergraduate level) ................................................................. 4.5
Major Research Paper (LAW 598) ................................................................. 6.0
Total: ........................................................................................................ 15.0

Other Requirements

The minimum residency period for the LLM program is three terms (twelve consecutive months).

Thesis

Students’ theses will be supervised by one Law and one non-Law faculty member (subject to appropriate supervisory resources being available).

The length of the LLM thesis is generally 80–120 pages, excluding the Abstract, notes, bibliography, and appendices.

Oral Examination

There is no oral examination. The LLM thesis is evaluated by an external examiner.

LLM - Coursework Option

Course Requirements

Coursework Option

Graduate Seminar in Law and Society (LAW 501) .................................................. 1.5
Graduate Seminar in Applied Legal Methodology (LAW 502) .................................. 1.5
Graduate (non-Law) seminar .................................................................................. 1.5
Other (Law courses and/or other non-Law courses, with no more than 3 units at the Undergraduate level) ................................................................. 4.5
Major Research Paper (LAW 598) ................................................................. 6.0
Total: ........................................................................................................ 15.0

Other Requirements

The minimum residency period for the LLM program is three terms (twelve consecutive months).

Major Research Paper

Students’ major research papers will be supervised by one Law and one non-Law Faculty member (subject to appropriate supervisory resources being available).

PhD Program

The PhD in Law and Society follows the general pattern at the University of Victoria. Students who do not already have an LLM (or equivalent) are initially admitted to the LLM. They may then apply to transfer to the PhD. If successful, they may elect to obtain the LLM before proceeding to the PhD or proceed directly to the PhD without obtaining the LLM. If they choose the latter, they will nevertheless be expected to complete the LLM coursework (at the thesis level) before proceeding to the doctoral dissertation.

Students who already possess an LLM may be admitted directly to the PhD. They are required to complete the two core Graduate Seminars and such other courses (if any) as the Director of Graduate Legal Studies determines, taking into account their academic preparation.

The PhD program requires a minimum of five terms (20 months) of full-time registration.

PhD students will be required to undergo a candidacy exam (essentially a structured defence of their research program and any completed segments of their dissertation) within two years of entering the PhD program. Students must be enrolled in LAW 693 (PhD Candidacy Examination) until they pass the Candidacy Examination and are then permitted to enroll in LAW 699 (PhD Dissertation). PhD students’ dissertations must meet the University’s standards for doctoral dissertations.

Students’ dissertations will be supervised by one Law and, frequently, one non-Law supervisor with a supervisory committee of three (the co-supervisors, if applicable, and one or two other faculty members).

Course Requirements

With an LLM (or equivalent)

Graduate Seminar in Law and Society (LAW 501) .................................................. 1.5
Graduate Seminar in Applied Legal Methodology (LAW 502) .................................. 1.5
With an LLM (or equivalent)

2 courses (as determined by the Director of Graduate Legal Studies) (1.5 each) ........................................ 3.0
PhD Candidacy Examination (LAW 693) ........................................ 3.0
Dissertation .................................................................................. 21.0*
Total ............................................................................................ 30.0

*minimum

Without an LLM (or equivalent)

Graduate Seminar in Law and Society (LAW 501) ........................................ 1.5
Graduate Seminar in Applied Legal Methodology (LAW 502) ......................... 1.5
Graduate (non-Law) seminar ..................................................................... 1.5
Other (Law course and/or other non-Law course) .................................... 1.5
PhD Candidacy Examination (LAW 693) ........................................ 3.0
Dissertation .................................................................................. 36.0
Total ............................................................................................ 45.0

Other Requirements
The minimum residency requirement for the PhD program is three terms (12 consecutive months).

Dissertation
The dissertation is expected to be of the highest possible calibre, potentially publishable, and should be 250–350 pages (excluding the Abstract, notes, bibliography, and appendices).

Oral Examination
The PhD dissertation must be defended in an oral examination.

Graduate Certificate in Indigenous Nationhood (IN)
The Graduate Certificate in IN may be taken as complementary to an existing graduate degree or as a freestanding certificate. Students taking it as a freestanding Graduate Certificate are required to take IN 601 (1.5 units), elective courses in IGOV and LAW and POLI (4.5) units and a capstone course of 1.5 units (IN 697).

LLM with Graduate Certificate in Indigenous Nationhood (IN)

Students enrolled in the Graduate Certificate in Indigenous Nationhood (IN) must meet the requirements of the LLM in Law and Society and also the specific requirements of the IN Graduate Certificate.

Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW 501*</td>
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<tr>
<td>LAW 502</td>
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<tr>
<td>IN 601*</td>
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</tr>
<tr>
<td>LAW approved elective*</td>
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</tr>
<tr>
<td>POLI approved elective</td>
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</tr>
<tr>
<td>IGOV approved elective</td>
<td>1.5</td>
</tr>
<tr>
<td>IN 697</td>
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<tr>
<td>LAW 599</td>
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<td>Total:</td>
<td>18.0</td>
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</tbody>
</table>

*Some courses above may be in partial satisfaction of both the LLM electives and the IN Graduate Certificate program requirements.

PhD with Graduate Certificate in Indigenous Nationhood (IN)

Students enrolled in the Graduate Certificate in Indigenous Nationhood (IN) must meet the requirements of the PhD in Law and Society and also the specific requirements of the IN Graduate Certificate.

Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>LAW 501*</td>
<td>1.5</td>
</tr>
<tr>
<td>LAW 502</td>
<td>1.5</td>
</tr>
<tr>
<td>IN 601*</td>
<td>1.5</td>
</tr>
<tr>
<td>LAW approved elective*</td>
<td>1.5</td>
</tr>
<tr>
<td>POLI approved elective</td>
<td>1.5</td>
</tr>
<tr>
<td>IGOV approved elective</td>
<td>1.5</td>
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<tr>
<td>IN 697</td>
<td>1.5</td>
</tr>
<tr>
<td>LAW 693</td>
<td>3.0</td>
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<tr>
<td>LAW 699</td>
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<td>Total:</td>
<td>33.0-48.0</td>
</tr>
</tbody>
</table>

*Some courses above may be in partial satisfaction of both the PhD and IN Graduate Certificate program requirements.

Linguistics

GENERAL INFORMATION
Members of the Department of Linguistics teach and conduct research on topics in phonology, morphology and syntax; indigenous languages of North America and the Pacific Rim; applied linguistics; articulatory and acoustic phonetics; and sociolinguistics. Further information can be found on our website at: <web.uvic.ca/ling>.

Contact Information
Department of Linguistics
Location: Clearihue Building, Room D341
Mailing Address:
PO Box 1700, STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Clearihue Building D341
3800 Finnerty Rd.
Victoria, BC V8P 5C2
Canada
Telephone Number: ........................................ 250-721-6634
Fax Number: ........................................ 250-721-7423
Email: lingadmin@uvic.ca
Website: <www.uvic.ca/humanities/linguistics>
Chair: Dr. Hossein Nassaji
Email: nassaji@uvic.ca
Phone: ........................................ 250-721-7422
Graduate Adviser: Dr. Sonya Bird
Email: linggradadv@uvic.ca
Phone: ........................................ 250-721-7434
Graduate Secretary: Jenny Jessa
Email: linggradsec@uvic.ca
Phone: ........................................ 250-721-7424
Facility Members and Areas of Research

John Archibald, PhD (Toronto)
- Second language acquisition; phonological acquisition; phonological theory

Sonya Bird, PhD (Arizona)
- Phonetics and phonology interface; Salish languages; Athabaskan languages

Ewa Czykowski-Higgins, PhD (MIT)
- Theoretical phonology and morphology; Salish languages; language revitalization; Slavic languages

Alexandra D'Arcy, PhD (Toronto)
- Language variation and change; sociolinguistic theory; historical sociolinguistics; grammaticalization

Li-Shih Huang, PhD (Toronto)
- Applied linguistics; second language acquisition; English for academic purposes; language learning and use strategies; sociocultural theory

Peter Jacobs, PhD (UBC)
- Skwxwú7mesh language; Kwakw'ala; Indigenous language revitalization; lexical aspect

Hua Lin, PhD (Victoria)
- Second language phonetics and phonology; phonology; Chinese linguistics

Martha McGinnis-Archibald, PhD (MIT)
- Syntactic theory; comparative linguistics; syntactic interfaces with morphology and semantics

Hossein Nassaji, PhD (Toronto)
- Applied linguistics; second language acquisition; discourse analysis; second language literacy

Leslie Saxon, PhD (California, San Diego)
- Syntax; morphology; comparative and historical linguistics; Athabaskan/Dene languages; language revitalization

Suzanne Urbanczyk, PhD (Massachusetts, Amherst)
- Theoretical morphology and phonology; Coast Salish languages; language revitalization

Emeritus

John H. Epling, PhD (Edinburgh), FRSC
- Articulatory and auditory phonetics; sociophonetics; second language acquisition

Thomas E. Hukari, PhD (Washington)
- Grammatical theory; syntax; morphology; Salish languages

Joseph F. Kess, PhD (Hawaii), FRSC
- Psycholinguistics; sociolinguistics; Asian and Pacific languages

Lorna Williams, PhD (Tennessee)
- First Nations ancestry; Indigenous education; languages, cultures, and traditions

Degrees and Specializations Offered

The Department of Linguistics offers programs of study and research leading to the degrees of Doctor of Philosophy and Master of Arts, especially as this applies to syntactic theory, morphological theory, phonological theory, experimental phonetics and sociolinguistics. The department has notable strengths in languages of the Pacific Rim and Indigenous languages of Western North America, including issues of language endangerment.

The department also offers a program of study and research leading to the degree of Master of Arts in Applied Linguistics in the areas of second language acquisition (SLA) and second language teaching methodologies.

Facilities

The department has an extensive phonetics laboratory as well as rooms with work stations for students and research assistants, and technical support for projects.

Financial Support

Linguistics students are eligible for University of Victoria Fellowships. In addition, the department offers several scholarships of varying amounts, as well as teaching and research assistantships. Both entering and continuing students in the program are automatically considered for scholarships. Students must apply for teaching and research assistantships.

ADMISSION REQUIREMENTS

General

Applicants whose native language is not English must consult the Faculty of Graduate Studies regulations concerning the Test of English as a Foreign Language (TOEFL) under "English Language Proficiency", page 26. The department requires minimum scores as follows for applicants for whom the test is required. For the MA in Applied Linguistics, the department requires 600 on the paper-based test or 100 on the internet-based test. Otherwise, the department requires 580 on the paper-based test or 92 on the internet-based test. For all programs, a minimum acceptable IELTS score is 7.0.

Although it is possible to enter the program at any entry point listed under "Entry Points", page 29, September entry is advised, as many of the courses listed for the Spring term have prerequisite courses given only in the Fall. Graduate courses are seldom offered in the Summer Session.

The admissions selection process is competitive. Not all students who meet the minimum requirements will be admitted. Typically, between eight and twelve students are admitted to the program each year.

Admission to the MA in Applied Linguistics

Admission to the program requires a bachelor's degree, preferably in Linguistics or Applied Linguistics, or a bachelor's degree with a Diploma in Applied Linguistics, or equivalent, with a minimum overall average of B+ (6.00 GPA) in the final year's work.

Admission to the MA Program

Admission to the program requires a bachelor's degree, preferably in Linguistics, with a minimum overall average of B+ (6.00 GPA) in the final year's work. Students without the necessary background in Linguistics may be considered for admission upon completion of LING 311 and/or LING 312 or equivalent with First Class standing.

Admission to the PhD Program

Applicants for admission to the PhD program will normally hold a master's degree in Linguistics with an A- average (7.0 GPA) on master's level course work. Applicants should submit one representative piece of written work, often the MA thesis or part of it. See also "Faculty Academic Regulations", page 47.

Deadlines

All domestic applications must be complete by January 15 for admission the following September. International applications must be complete by December 15, one month earlier. Applications submitted by these deadlines are considered for the Graduate Fellowships, which are awarded to incoming students each year by the University, and for other sources of funding within the department.
**Program Requirements**

**Requirements Common to All Graduate Degrees in Linguistics**

The programs of all graduate students in linguistics include course requirements, a language requirement, a requirement to present an aspect of their work at a conference or colloquium, the completion of a thesis or dissertation, and a final oral examination. In addition, all programs require that students make a major research paper/thesis/dissertation proposal to the supervisory committee and in the case of a thesis or dissertation, present it to the University in its final form.

**MA in Applied Linguistics Program Requirements**

The department offers two 15-unit programs, one with thesis and the other without, leading to the MA in Applied Linguistics degree. The programs are designed to provide advanced graduate training in theories and research in the areas of second language acquisition (SLA) and the practice of second language teaching methodology.

Course Requirements in both the thesis and the project-based option include the following:

**Two core courses in applied linguistics (3.0):**
- LING 574 and LING 575

**Two of three core courses in linguistics (3.0):**
- Syntax (one of LING 503, 508)
- Morphology (LING 504)
- Phonology (one of LING 505, 510)

**Three units of electives in the thesis option and six in the project-based option, drawn from the following courses:**
- LING 500, 509, 531, 570, 572, 573, 576, 577, 586, 592, 595, 596 and/or from the following not already selected: 503, 504, 505, 508, 510.

Project-based MA students may include 1.5 units from relevant courses in other departments determined in consultation with the student's supervisor.

Project-based MA students complete LING 598 (3.0 units) Major Research Paper and thesis students complete LING 599 (6.0 units) MA Thesis.

**Language Requirement**

MA in Applied Linguistics students must satisfy the language requirement for PhD students (described below) for one language. For master’s students going on to the PhD at the University of Victoria, satisfaction of the master’s requirement will count towards the PhD requirement.

**Thesis**

Students will present and defend a thesis proposal. The thesis work in LING 599 is normally awarded 6.0 units of credit. Students must defend their thesis orally as part of program requirements.

**Program Length**

Students are expected to complete the program in two years.

**PhD Program**

**Course Requirements**

The PhD program requires at least 9 units of course work, plus the dissertation, for a total of 30 units. Courses on current issues in syntax and phonology, LING 601 and LING 602, (1.5 units each) are required; other courses are determined jointly by a student and the supervisor.

Students without the equivalents of LING 503 or LING 505 in their previous program will have these courses added to their requirements.

**Candidacy Exam (LING 693)**

The candidacy requirement must be satisfied within three years of registration in the doctoral program (see "Faculty Academic Regulations", page 47). The candidacy examination consists of two substantial, original research papers, one in the area of phonological or syntactic theory, understood broadly, and the other in an area agreed to by the student and the supervisor.

**Language Requirement**

The departmental language requirement for PhD students is intended to prepare students for their research program by ensuring that they have the ability to read linguistic literature in, or have sound knowledge of, two languages other than English. Ideally, students must choose languages relevant for their research, in consultation with their supervisor, to satisfy this requirement.

The requirement for each language is considered satisfied when the student:

1. demonstrates reading proficiency in the language (assessed by a 2-page translation);
2. speaks the language natively;
3. has been educated in the language selected;
4. has an undergraduate major in the language;
5. has successfully completed a minimum of the equivalent of 4.5 units of university level courses in the language, with at least a second class (B-) average; or
6. has passed the equivalent of a 3-unit upper-division reading course in the language.

Other mechanisms for assessing the language requirements for special cases may be established. In such cases, however, the student is responsible for accepting or refusing the proposal, by considering the relevance of the language chosen to the student’s research and the pertinence (and practicality) of the evaluating process suggested.
Dissertation

After attaining candidacy, students will present and defend a dissertation proposal typically developed in LING 699. The dissertation is normally awarded 18 units of credit. Students must defend their dissertation orally as part of program requirements (see “Faculty Academic Regulations”, page 47).

Program Length

Normally, students are expected to complete the program in three to five years.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op" on page 46.

Mathematics and Statistics

General Information

Contact Information

Department of Mathematics and Statistics
Location: David Turpin Building, Room A425
Mailing Address:
PO Box 1700 STN CSC
Victoria, B.C. V8W 2Y2
Canada
Courier Address:
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3800 Finnerty Road (Ring Road)
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Telephone Number: 250-721-7437
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Email: msgst@uvic.ca
Website: <www.math.uvic.ca>
Chair: Dr. Rod Edwards
Phone: 250-721-7435
Graduate Adviser: Dr. Peter Dukes
Email: gradadv@math.uvic.ca
Phone: 250-472-4272
Graduate Secretary: Amy Almeida
Email: msgst@uvic.ca
Phone: 250-721-7468

Faculty Members and Areas of Research

Christopher J. Bose, PhD (Toronto)
   Dynamical systems, ergodic theory
Richard Brewster, PhD (Simon Fraser)
   Graph theory, discrete mathematics, theoretical computer science
Ryan Budney, PhD (Cornell)
   Homotopy theory, knot theory
Laura Cowen, PhD (Simon Fraser)
   Statistical ecology and capture-recapture models
James Currie, PhD (Calgary)
   Combinatorics on words
Florin N. Diacu, PhD (Heidelberg)
   Celestial mechanics, chaos, dynamical systems, mathematical physics, history and philosophy of mathematics
Peter Dukes, PhD (Caltech)
   Combinatorics
Christopher Eagle, PhD (Toronto)
   Mathematical Logic
Roderick Edwards, PhD (Victoria)
   Ordinary differential equations, mathematical biology, neural and gene networks
Heath Emerson, PhD (Penn State)
   Operator algebras, index theory, hyperbolic groups
Jing Huang, PhD (Simon Fraser)
   Graph theory, algorithms and complexity
Slim Ibrahim, PhD (Tunis El-Manar)
   Applied mathematics, analysis of partial differential equations, fluid dynamics and geophysical flows
Reinhard Illner, PhD (Bonn)
   Mathematical physics, partial differential equations, applied mathematics
Boualem Khouider, PhD (Montréal)
   Numerical analysis, partial differential equations, climate modelling
Marcelo Laca, PhD (Calif, Berkeley)
   Operator algebras, noncommutative geometry
Mary L. Lesperance, PhD (Waterloo)
   Statistical inference, biostatistics, industrial statistics
Junling Ma, PhD (Princeton)
   Modelling
Gary MacGillivray, PhD (Simon Fraser)
   Graph theory, discrete mathematics, theoretical computer science, math education, mathematics in sports
Robert V. Moody, PhD (Toronto)
   Algebra
Christina Mynhardt, PhD (Rand)
   Graph theory
Farouk Nathoo, PhD (Simon Fraser)
   Neuroimaging statistics, bayesian methods; statistical computing, high-dimensional data, spatial statistics
Ottrud Oellermann, PhD (WMichigan)
   Graph theory
John Phillips, PhD (Oregon)
   Operator algebras, noncommutative geometry
Ian F. Putnam, PhD (Calif, Berkeley)
   Operator algebras, topological dynamics
Anthony N. Quas, PhD (Warwick)
   Ergodic theory and dynamical systems
William J. Reed, PhD (British Columbia)
   Stochastic modelling and statistics, especially in biology, economics and resource management
Jedrzej Sniatycki, PhD (Warsaw)
   Mathematical physics, differential geometry
Ahmed R. Sourour, PhD (Illinois)
   Functional analysis, operator theory, linear algebra
**Degrees and Specializations Offered**

The Department of Mathematics and Statistics offers graduate programs leading to the degrees of Master of Arts, Master of Science and Doctor of Philosophy. The department participates in graduate Co-operative Education, which integrates periods of full-time employment with the academic program. Approval to participate in graduate Co-op is at the discretion of the department. Work opportunities are negotiated through the Mathematics and Computer Science Co-operative Education co-coordinator.

All graduate students are governed by the departmental regulations in force at the time of the student’s initial graduate registration. Students are responsible for becoming familiar with other regulations of the University and by the Faculty of Graduate Studies as outlined in the Calendar.

The Department of Mathematics and Statistics emphasizes the following areas (in alphabetical order):

- Applied Mathematics, Mathematical Physics, Differential Equations
- Climate Modelling, Geophysical Fluid Dynamics, Mathematical Biology
- Combinatorics and Graph Theory
- Number Theory
- Operator Algebras, Operator Theory, Functional Analysis, Dynamical Systems, Topology
- Statistics

The Department also offers opportunities to study Mathematics Education, possibly as an interdisciplinary program.

**Financial Support**

Every graduate student admitted to the department is considered for University and department fellowships. Financial assistance is also available from the following sources:

- **Natural Sciences and Engineering Research Council of Canada Postgraduate Fellowships**
  These are available to Canadian Citizens or Permanent Residents only.

- **Canada Postgraduate Fellowships**
  Suitable for Canadian Citizens or Permanent Residents.

- **University and department fellowships.**

**Admission Requirements**

**General**

Students are normally admitted in September or January. Summer session courses are not generally offered.

Foreign applicants are strongly encouraged to submit the scores of the Graduate Record Examination General Test (GRE) and its Subject Test in Mathematics.

**Admission To Master’s Programs**

Students admitted to a master’s program (MSc or MA) will normally have a bachelor’s degree in Mathematics or Statistics. A student without the necessary background may be considered for a pre-entry program as outlined in the section “Upgrading for Admission to Graduate Studies”, page 32 or “1. Enhanced Program” on page 32.

For a master’s program, students whose first language is not English must achieve a score on the Test of English as a Foreign Language (TOEFL) of at least 575 on the paper-based test or an overall score of 90 on the Internet Based test, with the following minimum section requirements: Listening 20; Speaking 20; Reading 20; Writing 20.

**Admission to the PhD Program**

Admission into the PhD program will normally require a master’s degree in Mathematics or Statistics and excellent research potential, documented by the quality of the master’s thesis or letters of recommendation. In exceptional cases, students showing outstanding promise may be permitted to enrol directly in the PhD program with only a Bachelor’s degree.

All PhD students are admitted to the Faculty of Graduate Studies as provisional candidates until they have passed their candidacy examinations, at which time they are automatically classified as candidates for Doctor of Philosophy.

For a PhD program, students whose first language is not English must achieve a score on the Test of English as a Foreign Language (TOEFL) of at least 575 on the paper-based test, 233 on the computer-based test or an overall score of 90 on the Internet Based test, with the following minimum section requirements: Listening 20; Speaking 20; Reading 20; Writing 20.

**Application Deadlines**

North American Applicants:

- September Entry: May 31

Details can be found on NSERC’s website: <www.nserc.ca>. Students can apply through the University in September (or directly to NSERC by December) of the year preceding the tenure of the fellowship.

**University of Victoria Fellowships**

Their value is up to a maximum of $15,000 per annum (master’s) or $18,000 per annum (PhD). Students applying for admission can also apply for a fellowship on the last page of the admission application; continuing students can obtain details from the graduate adviser.

A grade point average of at least 7.0 (A-) is necessary.

**Department Fellowships**

Individual faculty may support graduate students from their own research grants.

**Teaching Assistant Positions**

Depending on budgetary considerations, there may be a limited number of marking and/or instructing positions available. These positions may not be available on a continuing basis and therefore should not be counted upon for long-term support. The number of hours and the amount of pay are regulated by the CUPE 4163 Components I and II Collective Agreement.
• January Entry: October 31

International Applicants:
• September Entry: December 15
• January Entry: April 15

Applicants wishing to be considered for funding must apply at earlier dates:

North American Applicants:
• September Entry: February 15
• January Entry: February 15

International Applicants:
• September Entry: December 15
• January Entry: December 15 (13 months ahead)

**PROGRAM REQUIREMENTS**

**Master’s Program in Mathematics**

**Course Requirements**

Each master’s student must complete a minimum of 15 units, with the following requirements:

- MATH 585 (Graduate Seminar) ............................................................ 1.5
- MATH 599 (Thesis) ................................................................. 6.0
- MATH or STAT courses at 500 level ........................................ 4.5
- MATH or STAT courses at 400 level or above ........................................ 3.0

The Department of Mathematics and Statistics may accept appropriate courses from other departments for credit towards a master’s degree in Mathematics. Such courses should be selected in consultation with the student’s supervisory committee.

**Thesis**

Thesis (6 units) must be defended in a final oral examination.

**Other Requirements**

Each master’s student is under the direction of a Supervisory Committee of at least two members, including the student’s academic supervisor, who also acts as chairperson of the committee.

**Oral Examination**

The Supervisory Committee examines the thesis and conducts a final oral examination of the candidate on the thesis. This oral examination is chaired by the Dean of Graduate Studies or the Dean’s nominee.

**Program Length**

One to two years (generally two years); a minimum of five full fee installments is required.

**Master’s Program in Statistics – Thesis Option**

**Course Requirements**

Each master’s student must complete a minimum of 15 units, with the following requirements:

- MATH 585 (Graduate Seminar) ............................................................ 1.5
- STAT 598 (Project) .......................................................... 3.0
- MATH or STAT courses at 500 level ........................................ 7.5
- MATH or STAT courses at 400 level or above ........................................ 3.0

The Department of Mathematics and Statistics may accept appropriate courses from other departments for credit towards a master’s degree in Statistics. Such courses should be selected in consultation with the student’s supervisory committee.

**Thesis**

Thesis (6 units) must be defended in a final oral examination.

**Other Requirements**

Each master’s student is under the direction of a Supervisory Committee of at least two members, including the student’s academic supervisor, who also acts as chairperson of the committee.

**Oral Examination**

The Examining Committee examines the thesis and conducts a final oral examination of the candidate on the thesis. This oral examination is chaired by the Dean of Graduate Studies or the Dean’s nominee.

**Program Length**

One to two years (generally two years); a minimum of five full fee installments is required.

**Master’s Program in Statistics – Project-based Option**

**Course Requirements**

Each master’s student must complete a minimum of 15 units, with the following requirements:

- MATH 585 (Graduate Seminar) ............................................................ 1.5
- STAT 598 (Project) .......................................................... 3.0
- MATH or STAT courses at 500 level ........................................ 7.5
- MATH or STAT courses at 400 level or above ........................................ 3.0

The Department of Mathematics and Statistics may accept appropriate courses from other departments for credit towards a master’s degree in Statistics. Such courses should be selected in consultation with the student’s supervisory committee.

**Final Project**

Final project (3 units) must be defended in a final oral examination.

**Other Requirements**

Each master’s student is under the direction of a Supervisory Committee chaired by the student’s academic supervisor and having at least one other member.

**Oral Examination**

The Examining Committee examines the project and conducts a final oral examination of the candidate on the project.

**Program Length**

One to two years (generally two years); a minimum of five full fee installments is required.

**PhD Program**

**Course Requirements**

Students admitted into the PhD program are required to complete a minimum of four graduate courses, at most one of which may be a seminar course, totaling 6 units, and one of MATH 693 or STAT 693 (Candidacy Examination) worth 3 units. Students entering the program without a master’s degree must complete a minimum of eight graduate courses, at most one of which may be a seminar course, and one of MATH 693 or STAT 693 (Candidacy Examination) worth 3 units. MATH 693 is a co-requisite for MATH 699, and STAT 693 is a co-requisite for STAT 699.

**Candidacy**

Within the first two years of study, all students are required to pass a multi-part candidacy examination. The format of this examination is decided in the first eight months, in consultation with the supervisory committee and graduate adviser. Students must register for one of MATH 693 or STAT 693 (Candidacy Examination) in the first term in which they...
are preparing or sitting the candidacy examination, and must remain registered in this course continuously until they have passed, or until they leave the program.

**Other Requirements**
A PhD student’s Supervisory Committee may require the student to demonstrate a reading knowledge of one foreign language (French, German or Russian). For each PhD student there shall be a Supervisory Committee of at least three members, chaired by the student’s academic supervisor, with at least one committee member from outside the Department of Mathematics and Statistics. The committee members must be approved by the Dean of Graduate Studies and are normally members of the Faculty of Graduate Studies.

**Dissertation**
A dissertation of original, publishable research, normally worth 21 units (30 units for students without a master’s degree) is required. Students must register for MATH 699 or STAT 699 while they are working on their dissertations. All registrations in MATH/STAT 699 must be accompanied by registration in MATH/STAT 693 until MATH/STAT 693 has been passed.

**Oral Examination**
The Examining Committee examines the dissertation and conducts a final oral examination of the candidate on the dissertation. This oral examination is chaired by the Dean of Graduate Studies or the Dean’s nominee.

**Program Length**
Three to four years.

**CO-OPERATIVE EDUCATION**
The department participates in graduate Co-operative Education, which integrates periods of full-time employment with the academic program. For program details please refer to the “Co-operative Education” Program entry for the Department of Computer Science, page 5.

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**Mechanical Engineering**

**GENERAL INFORMATION**
The Department of Mechanical Engineering offers graduate programs leading to the degrees of Master of Engineering (MEng), Master of Applied Science (MASc) and Doctor of Philosophy (PhD). Research areas include advanced materials and manufacturing, computational and continuum mechanics, computer aided design and manufacturing, integrated energy systems, optics, robotics, mechanisms and mechatronics, thermofluids and transport phenomena.

Further information about the Department of Mechanical Engineering, Adjunct and Limited Term faculty and their research interests can be found on the department’s web page at [www.uvic.ca/engineering/mechanical](http://www.uvic.ca/engineering/mechanical).

All students should note that they are responsible for making themselves familiar with the general Calendar regulations of the Faculty of Graduate Studies. If unsure about any aspect of the Faculty regulations, students should contact the Graduate Admissions and Records Office. Students are also responsible for ensuring the completeness and accuracy of their registration.

**Contact Information**
Department of Mechanical Engineering
Location: Engineering Office Wing (EOW), Room 548
Mailing Address:
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada

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**Faculty Members and Areas of Research**
Kevan Ahmadi, PhD (Waterloo), Assistant Professor
Vibration and Dynamics, Machine Tool Vibrations, Mechanics and Dynamics of Machining Processes

Mohsen Akbari, PhD (SFU), Assistant Professor
Micro- and Nanotechnologies for Biomedical Engineering and Energy, Tissue Engineering, Organs-on Chip, Microfluidics

Rustom Bhiladvala, PhD (Yale), Assistant Professor

Colin Bradley, PEng (Victoria), Professor
Automated Manufacturing, Optical Sensors, Industrial Machine Vision

Bradley J. Buckham, PEng (Victoria), Associate Professor
Dynamics of Undersea Vehicles, Computational Dynamics Modeling, Kinematics

Daniah Constantinescu, PEng, PhD (British Columbia), Associate Professor
Haptics, Robotics, Mechatronics, Dynamics, Control

Curran Crawford, PEng, PhD (Cambridge), Associate Professor
Energy Systems, Wind and Tidal Turbines, Multi-Disciplinary Design Optimization

Nikolai Dechev, PEng, PhD (Toronto), Associate Professor

Nedjib Djilali, PEng (British Columbia), Professor
Computational and Experimental Fluid Dynamics, Transport Phenomena, Turbulence, Fuel Cell Technology

Zuomin Dong, PEng, PhD (SUNY, Buffalo), Professor

Sadik Dost, PEng, PhD (Istanbul), Professor
Crystal Growth of Single Crystals, Transport Phenomena, Modelling

Rodney A. Heming, PEng, PhD (Birmingham), Associate Professor
Materials Processing, Electron Microscopy, Electron Holography, Confocal Holography

Ben Nadler, PEng, PhD (Cal. Berkeley), Associate Professor
Soft Materials and Structures, Thin Films and Theory of Evolving Material with Applications In Biomechanics and Impact Mechanics

Peter Oshkai, PhD (Lehigh), Associate Professor
Unsteady Flows, Flow-Acoustic Coupling, Fluid-Structure Interactions
Ronald P. Podhorodeski, P.Eng, PhD (Toronto), Professor  
Manipulator Kinematics and Design, Robot Trajectory Planning,  
Assistance/Therapy Aids for the Physically Challenged, Mechanisms

Andrew M. Rowe, P.Eng, PhD (Victoria), Professor  
Magnetic Refrigeration, Energy Systems, Thermodynamics

Yang Shi, P.Eng, PhD (Alberta), Professor  
Systems and Control, Mechatronics, Autonomous Vehicles

Henning Struchtrup, P.Eng, Dr-Ing (Berlin), Professor  
Equilibrium and Non-Equilibrium Thermodynamics, Kinetic Theory of  
Gases, Transport Processes, Continuum Mechanics

Afzal Suleman, P.Eng, PhD (British Columbia), Professor  
Computational and Experimental Structural Dynamics, Multi-  
disciplinary Design Optimization, Fluid-Structure Interaction

Caterina Valeo, P.Eng, PhD (McMaster), Professor  
Disturbance Modelling in Forested Regions, Sustainable Development  
of Water Resources, Climate Change Analysis, Pollutant Dispersion  
Modelling in Rivers.

Peter M. Wild, P.Eng, PhD (Victoria), Professor  
Renewable Energy Systems, Mechatronic Systems, Piezoelectric  
Sensors, Finite Element Analysis

Stephanie Willerth, P.Eng, PhD (Wash. St. Louis), Associate Professor  
Tissue Engineering, Regenerative Medicine, Neurobiology, Stem Cell  
Biology, Biomaterials

Emeritus Faculty

David S. Scott, P.Eng, PhD (Northwestern)  
Energy Systems, Fuel Cells

Yury A. Stepanenko, P.Eng, PhD (Moscow)  
Control, Mechatronics, Robotics

Geoffrey W. Vickers, P.Eng, PhD (Manchester)  
Computer-Aided Design and Advanced Manufacturing

Adjunct Faculty

Bryson Robertson, PhD (Guelph)  
Energy Systems Analysis, Marine Resources and Converters, Wave  
Mechanics, Coastal Processes

Barbara Sawicki, PhD, DSc (Jagiellonian)  
Materials Properties, Imaging, Nuclear Performance

Martin Byung-Guk Jun, P.Eng, PhD (Illinois)  
Computer-Aided Manufacturing, Meso/Micro-Scale Manufacturing,  
Ultrafast Laser Machining, Advanced Materials, Biomedical  
Manufacturing

Financial Support

Normally MASc and PhD students are provided with financial support  
from faculty research funds for the first year. Subject to satisfactory  
performance and the availability of funding, financial support may be  
renewed. Graduate support can also be provided through various  
resources such as teaching assistantships, University of Victoria  
Fellowships and NSERC Postgraduate Scholarships (PGS). Refer to the  
Faculty of Graduate Studies website at <www.uvic.ca/graduatestudies/finances>  
for additional funding information. All eligible students are encouraged  
to apply for funding from provincial, federal and external sources.

ADMISSION REQUIREMENTS

General

 Applicants for admission whose first language is not English must meet  
the English Competency Requirement as specified by the Faculty of  
Graduate Studies. The minimum acceptable TOEFL (Test of English as  
a Foreign Language) score for the Department of Mechanical Engineering  
is 575 on the paper-based test or 90 on the Internet-based test (the  
minimum score for each section is Writing: 20; Speaking: 20; Reading: 20;  
Listening: 20). A minimum acceptable IELTS score is 6.5, with a minimum  
score of 6.0 in each band. Even with passing TOEFL/IELTS scores, students  
may be required to take English language courses in addition to their  
other course work.

The admissions selection process is competitive. Not all students who  
meet the minimum requirements will be admitted. Typically, between 14  
and 20 students are admitted to the program each year.

Online applications may be submitted by following the links from  
<www.uvic.ca/graduatestudies/admissions>. If an applicant is unable to  
successfully submit an application online, they should contact the  
Graduate Admissions and Records Office. The Graduate Admissions and  
Records Office is the official depository for all applicant documentation.

Additional information about graduate studies in the Department of  
Mechanical Engineering is available at: <www.uvic.ca/engineering/  
mechanical>.

Admission To Master’s Programs

Applicants will normally hold an undergraduate degree in Mechanical  
Engineering. The minimum requirement for admission to the MEng is B  
and for the MASc is B (grade point average of 5.0 on the University of  
Victoria scale of 9.0) for the last two years of university work.

ADMISSION TO THE PHD PROGRAM

The minimum requirement for admission to the doctoral program is a  
master’s degree in science or engineering. In exceptional cases, a student  
registered for a master’s degree in the Department of Mechanical  
Engineering may be allowed to transfer to the doctoral program without  
completing the master’s program.

Deadlines

Entry points to the department are September, January and May.  
International applications received after the University’s deadlines may  
be accepted by the department, but it may not be possible to process  
them in time for the desired entry point or to obtain a student visa.

PROGRAM REQUIREMENTS

The supervisory committee, in consultation with the student, determines  
the program of study for each student. The supervisory committee may  
decide that additional coursework is required. The program may also  
include senior undergraduate courses after assessment of the  
background strengths and deficiencies of the student.

Master of Engineering – Project-based Option

The MEng program is designed to provide students with an opportunity  
to strengthen and extend the knowledge they have gained at the
undergraduate level. All MEng students will be under the supervision of a member of the department’s graduate faculty.

Course Requirements
The program consists of a minimum of 16.0 units, normally with not less than 12 units of graduate course work, a 1.0 unit seminar and a MEng Project Report (MECH 598).

Required course work is subject to the approval of the department.

Other Requirements
The program of study is determined by the supervisory committee in consultation with the student.

The program allows for a maximum of two Directed Studies courses (MECH 590), of which only one may be directly related to the project report, and two 400-level undergraduate courses. With permission of the supervisor and Graduate Program Director, up to 6.0 units of relevant coursework may be taken from other departments.

All MEng students are required to register in the seminar (MECH 594), normally until program completion. The seminar has a unit value of 1.0. Students must attend a minimum of 6 of the seminars per term, for a total of 36 seminars over 2 years.

Final Project
The project (MECH 598) for the MEng program is normally not greater than 3.0 units. The topic of the project is subject to the approval of the department.

The work leading to the project must be performed under the direction of an academic supervisor who is a member of the department’s graduate faculty. A detailed description of the project will be presented in a formal report written by the student.

Each student’s program is subject to the approval of the department.

Oral Examination
MEng students will be required to defend their completed project in a final oral examination which is open to the public.

Program Length
The program length for MEng is guided by time limits established by the Faculty of Graduate Studies. Typically, the Department of Mechanical Engineering MEng students are expected to complete program requirements within 24 months.

The program allows for a maximum of two Directed Studies courses (MECH 590), not directly related to the thesis topic, and one 400-level undergraduate course. With permission of the supervisor and Graduate Program Director, up to 4.5 units of relevant coursework may be taken from other departments.

All MASc students are required to give a seminar (MECH 595) on their thesis research during the second year of the program. Normally, students will register in MECH 595 until program completion. The seminar has a unit value of 1.5. Students must attend a minimum of 6 of the seminars per term, for a total of 36 seminars over 2 years.

Thesis
The thesis (MECH 599) for the MASc program is typically equivalent to 9 units. The topic of the thesis is subject to the approval of the department.

Oral Examination
MASc students will be required to defend their completed thesis in a final oral examination which is open to the public.

Program Length
The program length is determined by the Faculty of Graduate Studies. Typically, the Department of Mechanical Engineering MASc students are expected to complete program requirements within 24 months. Normally, financial support will not be continued beyond this time limit.

Doctor of Philosophy
The objective of the PhD program is the accomplishment of independent and original research work leading to significant advancement of knowledge in the field of mechanical engineering. All PhD students will be under the supervision of a member of the department’s graduate faculty.

Course Requirements
The program for a student with a master’s degree is a minimum of 37.5 units, normally with not less than 6.0 units of approved course work, a 1.5 unit seminar, a 3.0 unit candidacy examination and a dissertation (MECH 699). The approved course work must include MECH 601(1.5 units) which must be taken before the candidacy exam.

A student transferring from a master’s program to the doctoral program is required to complete a program of at least 45.0 units. This program includes a minimum of 13.5 units of approved courses, (including MECH 601), a 1.5 unit seminar, a 3.0 unit candidacy examination, and a 27.0 unit dissertation (MECH 699). For those students transferring from a master’s program, credit will normally be given for courses already completed.

Required course work is subject to the approval of the department.

Comprehensive Exams
Department of Mechanical Engineering does not normally require comprehensive examinations.

Candidacy
Within 16 months of registration and successful completion of MECH 601, a PhD student must submit a written dissertation research proposal, defining the research topic, the goals of the research and the methodology to be used. The PhD student is required to pass an oral candidacy exam before their supervisory committee in camera. During the candidacy examination, the supervisory committee will question the candidate to determine whether the candidate has the appropriate background knowledge and skills to undertake the proposed dissertation project, and whether the project is likely to lead to results suitable for a PhD dissertation.

The PhD student must register in MECH 693 (3.0 units) from the beginning of the PhD program until the candidacy examination is successfully completed and a passing grade (B) is obtained in MECH 601. This course should be completed before the candidacy examination but may be taken during the same term. MECH 693 is a prerequisite for MECH 699.

Other Requirements
The program of study including all course selections is determined by the supervisory committee in consultation with the student. The supervisory committee...
committee may decide that additional course work is required. The supervisory committee must be set up within the first 12 months of a program and meets at least annually to review the student’s progress.

The program allows for a maximum of one Directed Studies course (MECH 590) not directly related to the thesis topic, and one 400-level undergraduate course. With permission of the supervisor and Graduate Program Director, up to 4.5 units of relevant coursework may be taken from other departments.

All PhD students are required to give two seminars (MECH 695) on their thesis research within 16 months and 34 months of registration. Normally, students will register in MECH 695 until program completion. The seminars have a total unit value of 1.5. Students must attend a minimum of 6 of the seminars per term, for a total of 54 seminars over 3 years.

Dissertation
The dissertation (MECH 699) for the PhD program is typically equivalent to 27 units. The topic of the dissertation is subject to the approval of the department.

Oral Examination
PhD candidates will be required to defend their completed dissertation in a final oral examination which is open to the public.

Program Length
The program length is determined by the Faculty of Graduate Studies. Typically, the Department of Mechanical Engineering PhD students are expected to complete program requirements within 36 months. Normally, financial support will not be continued beyond this time limit.

Co-operative Education
Participation in the Co-operative Education program, which enables students to acquire knowledge, practical skills and workplace experience, is optional for full-time Master’s students.

A PhD student may participate in the co-operative graduate program under exceptional circumstances when it is quite evident that the industrial work periods form an essential and integral part of a student’s dissertation project. A PhD student’s work term employer must agree to the publication of the student’s research findings in the open literature.

Graduation with a co-operative education designation requires master’s students to complete two work terms and PhD students to complete three (a work term consists of four months of full time, paid employment).

Students require permission from their academic supervisor and the Co-op coordinator to participate in the Co-op program. Permission may be granted for additional work terms typically to a maximum of four. Interested students should contact the Engineering and Computer Science/Math Co-op office during their first year. Students should also consult “Co-operative Education” on page 55.

As an integral part of the graduate program, students are normally required to undertake teaching or research assistantships within the department.

School of Music

GENERAL INFORMATION

Contact Information
School of Music
Location: MacLaurin Building, Room B102

Mailing Address:
PO Box I 700 STN CSC
Victoria, BCV8W 2Y2
Canada
Courier Address:
MacLaurin Building B102
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Telephone Number: ............................................................250-721-7903
Fax Number: .............................................................................250-721-6597
Email: musi@uvic.ca
Website: <www.finearts.uvic.ca/music/>
Director: Christopher Butterfield
Email: musdir@uvic.ca
Phone: ...................................................................................250-721-7901
Graduate Adviser: Patricia Kostek
Email: musigrad@uvic.ca
Phone: ...................................................................................250-721-6568
Graduate Secretary: Linda Sheldon
Email: musi@uvic.ca
Phone: ...................................................................................250-721-7902

Faculty Members and Areas of Research
Dániel Péter Biró, PhD (Princeton)
Composition, music theory, ethnomusicology
Patrick Boyle, DMA (Toronto)
Jazz Studies
Benjamin Butterfield, Lic. Music (McGill)
Voice
Christopher Butterfield, MA (SUNY, Stony Brook)
Voice
John A. Celona, PhD (Calif, San Diego)
Composition
Ajtony Csaba, MA (Vienna)
Conducting
Alexander Dunn, PhD (Calif, San Diego)
Guitar
Ann Elliott-Goldschmid, BM (Boston)
Violin, chamber music
Anne Grimm
Voice
Pamela Hightbaugh Aloni, MM (Indiana)
Cello, chamber music
Joanna Hood, MM (Indiana)
Viola, chamber music
Kurt Kellan
Horn, chamber music
Gerald King, EdD (Brigham Young)
Conducting, Wind Symphony, music education
Merrie Klazek, MMus (Northwestern)
Trumpet, music theory
Patricia Kostek, MM (Michigan State)
Clarinet, woodwind techniques
Harald M. Krebs, PhD (Yale)
Music theory (tonal and rhythmic structure in 19th- and early 20th-century music)
May Ling Kwok, MM (Indiana)  
Piano
Susan Lewis, PhD (Princeton)  
Music history, musicology
Bill Linwood, BMus (Indiana)  
Percussion, percussion techniques
Alexandra Pohran Dawkins, BMus (Toronto)  
Oboe, chamber music
Arthur Rowe, MMus (Indiana)  
Piano
Joseph Salem, PhD (Yale)  
Musicology, theory
W. Andrew Schloss, PhD (Stanford)  
Electronic and computer music, musical acoustics, ethnomusicology
Suzanne Snizek, DMA (British Columbia)  
Flute, woodwind chamber music
Eva Solar-Kinderman, Perf Dipl (Vienna)  
Piano
Sharon Stanis, MM (Indiana)  
Violin, chamber music
Bruce Vogt, MMus (Toronto)  
Piano
Susan Young, MMus (Calgary)  
Voice

**Degrees and Specializations Offered**

The School of Music of the University of Victoria offers programs leading to the degrees of Master of Music in Performance, in Composition and in Musicology, Master of Arts in Musicology and in Musicology (with Performance), and Doctor of Philosophy in Musicology.

**Facilities**

The School of Music is housed in its own building, completed in 1978. It contains 40 practice rooms plus larger rehearsal rooms and teaching studios furnished exclusively with Steinway pianos. It also contains the Phillip T. Young Recital Hall with superb acoustics, where all solo and chamber music performances are held. The School’s large ensembles (Orchestra, Chorus, Wind Symphony) rehearse in the 1300-seat Farquhar Auditorium at the University Centre. Both halls have fully professional digital recording facilities. Students are encouraged to participate in School of Music performance groups, such as the University Chorus, Chamber Singers, Sonic Lab, Orchestra, Wind Symphony, and chamber ensembles. String chamber ensembles are coached by members of the Lafayette String Quartet, in residence at the School of Music.

The McPherson Library has one of the major music collections in Canada. It covers a broad spectrum of areas, from the medieval period to the twentieth century, including world music and jazz. Currently there are over 70,000 volumes of scores and books and over 300 serial subscriptions, both electronic and in print. There are also over 40,000 sound recordings in the collection, spanning the recording age from 78’s to compact discs. Special areas of interest include Beethoven (books, scores, facsimiles), British music, and twentieth-century American music, with a large collection of jazz on 78’s.

In 2008 the music and audio collection moved into the new Bessie Brooks Winspear Media Commons. This centre houses the media collections (compact discs, microforms and videos), the music reference collection, and scores. This facility also includes state-of-the-art listening and media production rooms, as well as areas for study and research.

Three digital music studios are housed in the School of Music building, providing state-of-the-art workspaces for students and faculty to investigate, create, and study music and music technology. The three studios have been designed to integrate completely, allowing projects to move from studio to studio depending upon the specific needs of the project.

The main Recording Studio is attached to the Phillip T. Young Recital Hall. It provides archival, audition, and production recording services for students, faculty, and the community. Twenty-eight microphone lines are available between the stage and recording booth. A Yamaha 01V96kHz console, Apogee “Big Ben” master clock, Millenium Media microphone preamps, a Digidesign 002 and Tascam DVRA-1000 are used for recording. Monitoring is provided by Dynaudio speakers and Bryston power amplification.

Studio Two is a post-production and editing suite that also houses the School’s remote recording unit. Two editing systems, Merging Technologies Pyramix and Digidesign Pro-Tools, allow for maximum flexibility and integration with the other studios.

The Computer Music Studio has extensive facilities for digital audio exploration and creation, providing both the latest in software and computer-based digital resources and rare and iconic musical instruments and controllers. A Buchla series 200 analog synthesizer, Korg Wave-drum, and a permanently installed Max Matthews Radio Drum controller form the basic collection that is continually being added to. Pro Tools, Max/MSP, Ableton Live, Kontakt, Sibelius, and other music software are installed on the main computer, a 24” G5 iMac. At the centre of the Studio is a Yamaha 01V96kHz, with monitoring provided by Mackie HR824 self-powered speakers.

In addition to the studios within the School, the Laboratory for Extended Media (LEM), which is open to all students enrolled in Fine Arts courses, provides audio-processing resources, digital video and image processing facilities.

**Financial Support**

The University of Victoria offers a limited number of Graduate Fellowships of up to $10,000 or $12,000 for 12 months (for Master’s and PhD students of high academic standing, respectively). Teaching Assistantships of $2,000-$6,000 are available to full-time students in exchange for help with aspects of the academic curriculum in the School, such as keyboard harmony labs, chamber music coaching, recording, directing the listening tutorials of the introductory music history courses, or otherwise assisting with music history and theory courses.

**Admission Requirements**

**General**

The School of Music gives priority in admissions considerations to students intending to register on a full-time basis.

Applicants to the master’s programs must hold a BMus or BA in music from a recognized university, with at least a B+ or 6.0 average in the work performed in the last two years (or last 30 units) of undergraduate study.

All applicants should submit a one to two-page statement outlining their background, their goals as a musician and/or scholar, and their reasons for wishing to pursue their graduate degree at the University of Victoria.

**Admission to Master’s Programs**

**MA in Musicology**

In addition to the standard admission forms, applicants to the Musicology programs should submit two examples of their work in the field of music history, including an honours paper or senior thesis if available, as well as a personal statement of research interests and professional goals that must demonstrate the suitability of our program to those goals.

All Musicology students are required to demonstrate a good reading knowledge of German or French. Reading knowledge of an alternate foreign language may be substituted if necessary to the candidate’s intended field of specialization. The applicant’s present level of ability in
this language should be indicated in the admission statement. Those who do not submit such evidence will be required to pass language examinations before work on the thesis begins.

**MA in Musicology (with Performance)**

This program is intended for Musicology students who are proficient performers and who wish to continue serious study of their instrument while pursuing musicological research. Applicants for this program are required to submit two written examples of their work in the field of music history as well as the additional statement as described under the MA in Musicology, and either arrange for an audition or submit a tape as described under the admissions process for the MMUs in Performance.

The language requirements are identical to those for the MA in Musicology.

**MMus in Composition**

Applicants for admission to the MMus in Composition program should submit, in addition to the regular admission forms, copies of scores and CDs or DVDs of their recent work in composition.

**MMus in Performance**

Acceptance to the MMus in Performance requires specialization at an advanced level in a specific performance medium (e.g., violin, piano, voice). Applicants are encouraged to audition in person. The audition repertoire should reflect a level of difficulty and variety appropriate for a graduate program, and be of at least thirty minutes in duration. Interested students are strongly encouraged to contact the School of Music Graduate Adviser or individual instructor by January 15 to discuss appropriate audition repertoire and to book an audition.

If live audition is not possible, applicants may submit a high-quality, unedited CD recording of at least thirty minutes duration, with repertoire selected as specified for live audition; in addition, these applicants are also encouraged to send a video-tape or DVD as well. Please note however that some instructors may require live audition for acceptance to their class; for additional information please contact the instructor or the Graduate Adviser. Internal candidates may either audition in person or use their BMus graduating recital as their audition, provided that the recital takes place before March 1.

**MMUS in Performance — Emphasis in String Quartet**

The School of Music offers an opportunity for outstanding string quartets to pursue graduate studies together within a two-year residency program. Members of the Lafayette String Quartet, Artists-in-Residence at the University of Victoria, will mentor students in the program. A quartet wishing to audition for the program should arrange for an audition through the Graduate Adviser or members of the Lafayette String Quartet. Each of the students comprising the quartet would audition both separately and as a quartet.

**MMus in Music Technology**

All applicants for admission to the MMus in Music Technology will be required to provide, in addition to the regular admission forms, a full curriculum vitae describing former studies and relevant work experience. Additionally, applicants are asked to provide examples of work that illustrate their preparedness for a graduate program in Music Technology.

**Admission to the PhD Program**

Applicants to the PhD Program in Musicology must hold the master’s degree in musicology, music history or music theory, or its equivalent, from a recognized university. They must also demonstrate potential for a career in musicology or music scholarship, and have a primary research interest compatible with the areas of specialization of the university’s regular faculty.

A good reading knowledge of German, and French or Italian, is required of all applicants to this program. In addition, a reading knowledge of another foreign language may be required, if necessary to the candidate’s intended field of specialization. Applicants should submit documentation of their ability in these languages with their applications (e.g., an official memo stating that language examinations were successfully completed). Those who do not submit such evidence will be required to pass language examinations before work on the dissertation prospectus begins.

Applicants are requested to submit two examples of written work, including the master’s thesis or the equivalent if available, as well as a personal statement of research interests and professional goals that must demonstrate the suitability of our program to those goals.

**Deadlines**

Applications with supporting materials should be received by January 15 for domestic applicants or by December 15 for international applicants. Later applications will be considered if space is available; however, this is highly unlikely for applications received after March 15. Those applying after February 15 cannot be considered for a University fellowship.

**Program Requirements**

Students admitted to a Master’s program, and holding a Bachelor’s degree from a university other than the University of Victoria, will be required to write a theory placement examination, involving the analysis of compositions from various style periods. The examination will be administered early in September, before classes begin. While the results of the examination will not affect the student’s admission into the program, they will determine whether the student must take undergraduate theory courses. Theory courses numbered below 300 cannot be counted toward the course requirements of a Master’s degree.

The student’s work is guided by the Supervisory Committee (see the Faculty of Graduate Studies Guidelines). The supervisor chairs the committee. For Composition or Performance candidates, the supervisor is the student’s major teacher; for candidates in Musicology, the academic supervisor is the person responsible for the guidance of the thesis or dissertation. The function of the supervisory committee is to assist the graduate student in all facets of the program whenever necessary; to supervise the preparation of the thesis or dissertation, composition or recital; to act as the core of the examining committee; and, generally, to supervise the student’s progress in the program.

Transfer credits for courses taken at other universities will be accepted only in exceptional circumstances. Transfer students should note that the Faculty of Graduate Studies will require them to pay the same number of fee installments for the degree as other students.

A student registered in the master’s program may take up to 3.0 units of undergraduate courses at the 300 level or above; undergraduate credits must be approved by the academic supervisor and relevant to the student’s program of study.

The Graduate Adviser administers the graduate program and is the faculty member responsible to the School of Music Director for the administration of graduate studies in the School of Music.

In addition to the requirements listed below, graduate students are encouraged to take an active part in the performing groups and musical life of the University, and to participate in the Graduate Colloquium.

**MA in Musicology – Thesis Option**

The MA in Musicology is an integrated program involving music criticism, analysis, and applied theory as well as cultural and historical study. It offers students close mentoring leading to the development of skills appropriate to a career in musicology.

**Course Requirements**

- Bibliography (MUS 503) .................................................. 1.5
**Course Requirements**

Selected Problems in Theory and Analysis (MUS 500) ........................................... 1.5
Graduate Forum in Musicology (MUS 533) ................................................................. 1.5
Advanced Research Forum in Musicology (MUS 534) ............................................. 1.5
MA Thesis (MUS 599) ................................................................................................. 3.0

Four Musicology Seminars (6.0 units) to be selected from any of the following:

- Topics in Musicology Before 1750 (MUS 530) ....................................................... 1.5
- Topics in Musicology After 1750 (MUS 531) .......................................................... 1.5
- Comparative Topics in Musicology (MUS 532) ....................................................... 1.5

and a minimum of 3.0 units of electives, chosen in conjunction with the academic supervisor from the following*:

- MUS 500, 501, 502, 504, 506, 507, 530, 531, 532, 561, 580, 581, 590 (or approved undergraduate credit) .............................................. 3.0

Total: ......................................................................................................................... 18.0

*Student may also select courses in other disciplines appropriate to the student’s research interests. Students are encouraged to select these electives to create a secondary area of concentration in music theory, performance, composition, ethnomusicology, or an area outside music relevant to their thesis work.

**Thesis**

A substantial thesis is required of all students in the MA in Musicology (MUS 599, MA Thesis), followed by an oral examination. The thesis proposal is completed in the context of MUS 534 (Advanced Research Forum in Musicology).

**Other Requirements**

These include the language requirement, the first-year review, and the oral comprehensive examination. In addition, students are expected to participate in Musicological Explorations, the graduate student journal in musicology and theory.

**Language Requirement**

Candidates are required to pass an exam in German, or another foreign language relevant to their intended field of specialization. Courses taken to prepare for this requirement are remedial. Students should discuss the administration and scheduling of this exam with their academic supervisor. The language exam should be completed by Sept. 15 of the second year in the program.

**First-year Review**

By May 15 of the first year of study, candidates will submit a writing portfolio containing two samples of graduate work, proposed field topics for the comprehensive examinations, a preliminary draft of the thesis proposal, and a report on the status of the required language examinations. The musicology faculty will review the portfolio and provide comment on the candidate’s progress in the program by May 31. At that time the student will also receive the faculty recommendation for School of Music secondary adviser for the thesis work.

**Oral Comprehensive Examination**

Full-time students are required to pass an Oral Comprehensive Examination in the context of MUS 534 (Advanced Research Forum in Musicology) during the fall term of their second year. The exam is designed to prepare students for doctoral work and teaching at the post-secondary level. In consultation with their academic supervisor, candidates develop a total of three topics of inquiry that address a range of approaches to musicology, theory, and analysis. The selection of these research areas takes place in the Spring semester of the student’s first year, in the context of Music 533: Graduate Forum in Musicology. The selected topics are expected to represent a variety of historical periods and genres or issues that have not been addressed in his/her coursework and research experience.

Preparation for the Oral Comprehensives involves critical reading, listening and repertoire building, and evaluation of current research in each area; the student is expected to:

1. prepare a select formal bibliography of the most important “classic” and recent scholarship on each topic: this bibliography represents the student’s reading list for each area
2. prepare a repertoire list consisting of a select representative sampling of musical literature related to each area, including (where relevant) editions consulted and/or performances selected: this list represents the student’s required listening for each area
3. write a 2-3-page summary of the present state of research in each area
4. submit this material to the student’s academic supervisor one month before the scheduled Oral Comprehensive Examination.

On the basis of the above, the musicology faculty will prepare a question related to each topic, which will be presented to the student two weeks before the oral examination. The Oral Comprehensive Examination will be adjudicated by the members of the musicology faculty, with the student’s academic supervisor as chair, and will normally last about 60 minutes. The student will be requested to speak on the three pre-selected questions for about 30 minutes. The remaining time will be devoted to discussion of issues elicited by the research summaries, as well as additional questions related to them. The thesis proposal will also be formally presented to the supervisory committee in the course of the meeting. Unsuccessful exams may be repeated, once, no later than three months after the first test.

**MA in Musicology (with Performance) – Thesis Option**

This program is intended for musicology students who are proficient performers and who wish to continue serious study of their instrument. The program is modeled on the MA in Musicology, but reduces the seminar requirement in order to accommodate performance activities. Students who already hold the MMus in Performance or the MA in Musicology are not eligible for this degree.

**Course Requirements**

| Individual Tuition, taken each year (MUS 540) | 1.0 |
| Bibliography (MUS 503) | 1.5 |
| Graduate Forum in Musicology (MUS 533) | 1.5 |
| Selected Problems in Theory and Analysis (MUS 500) | 1.5 |
| OR an additional 1.5 units of MUS 530, 531, or 532 | 1.5 |
| Performance Practices (MUS 504) | 1.5 |
| *Ensembles, taken each year (MUS 580) | 1.0 |
| **OR** | |
| *Chamber Music, taken each year (MUS 581) | 1.0 |
| Lecture-Recital (MUS 596) | 1.5 |
| Advanced Research Forum in Musicology (MUS 534) | 1.5 |
| Thesis (MUS 599) | 3.0 |
| **1.5 units of the following:** | |
| Topics in Musicology Before 1750 (MUS 530) | 1.5 |
Topics in Musicology After 1750 (MUS 531) .................................................. 1.5
Comparative Topics in Musicology (MUS 532) .............................................. 1.5

and a minimum of 1.5 units of electives selected from the following:

- MUS 500, 501, 502, 506, 507, 530, 531, 532, 561, 562A, 590 (or approved undergraduate credit) .................................................. 1.5

**Total:** .......................................................................................................................... 19.0

*Depending upon the student’s instrument and upon the needs of the School, the student will be assigned to either MUS 580 or 581 in any given year.

### Other Requirements

The Language Requirement, First-Year Review, Oral Comprehensive Examination, and Thesis requirements are identical to those of the M.A. in Musicology (see above).

Additional requirements are:

- First-year Jury: A jury examination in performance must be taken in April of the first year of study. Results will be considered in First-Year Review.
- Lecture-Recital (MUS 596): Students are required to give a lecture-recital, which usually forms a basis for the written thesis and for the oral defense.

### Program Length

All master’s programs require a minimum attendance of five terms, including two Winter Sessions, and at least 18 (or 19) units of course credit. All requirements must be completed within five years (60 months) of the date of first registration.

**MMus in Composition – Project-based Option**

The program includes private instruction in composition, and courses in musicology and theory. Opportunities are available to work in the School’s electronic music studio and to take part in solo and ensemble performance.

### Course Requirements

| Seminar in Composition, taken each year (MUS 561) | 1.5 |
| Individual Instruction, taken in first year (MUS 555) | 3.0 |
| Graduating Composition(s), taken in second year (MUS 598B) | 3.0 |
| Selected Problems in Theory and Analysis, taken each year (MUS 500) | 1.5 |
| Bibliography, taken in first year (MUS 503) | 1.5 |

1.5 units of the following:

- Topics in Musicology Before 1750 (MUS 530) .................................................. 1.5
- Topics in Musicology After 1750 (MUS 531) .................................................. 1.5
- Comparative Topics in Musicology (MUS 532) .............................................. 1.5
- Graduate Forum in Musicology (MUS 533) ....................................................... 1.5

and a minimum of 3.0 units of electives selected from the following: MUS 501, 502, 504, 506, 507, 530, 531, 532, 533, 562B, 580, 581, 590, or approved undergraduate credit .................................................. 3.0

**Total:** .......................................................................................................................... 18.0

*Note that one of the electives will normally be MUS 504 (Performance Practices)*

**Addition to program, on recommendation of the supervisor

### Final Project

All candidates will perform a final graduating recital (MUS 598A), followed by an oral examination.

### Other Requirements

All graduate performance majors are expected to participate in ensembles where appropriate to their instrument, as determined by the Head of Performance and the student’s academic supervisor, in each year of their residency. Placement in large and small ensembles will be made according to the student’s needs and the needs of the School. In cases where the student’s instrument may not be appropriate to a certain ensemble type, as determined and approved by the supervisor, one ensemble yearly may be waived and the missing unit replaced by approved elective credit.

In order to qualify for MUS 545 (Individual Tuition, 4 units), the performance major must be registered as a full-time student, taking a minimum of 9 units of course work within an eight-month period.
**Final Examination**

An oral examination approximately one hour in duration will be administered by the student’s supervisory committee approximately a week after the student’s graduating recital and will constitute part of the graduating requirements. The student is expected to demonstrate knowledge of solo and chamber music repertoire for his/her instrument or voice. Procedures and guidelines are available from the Graduate Adviser.

**Program Length**

All master’s programs require a minimum attendance of five terms, including two Winter Sessions, and at least 18 units of course credit. All requirements must be completed within five years (60 months) of the date of first registration.

**MMUS in Performance — Emphasis in String Quartet — Project-based option**

This program is designed to develop growth in members of a quartet both as individuals and as an ensemble, and to develop quartet repertoire in preparation for a career in chamber music. During the two-year program the quartet will also hone their skills through various outreach programs and ensembles in the community.

**Course Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 580</td>
<td>Ensembles, taken once, in first year</td>
<td>1.0</td>
</tr>
<tr>
<td>MUS 540</td>
<td>Individual Tuition, taken both years</td>
<td>1.0</td>
</tr>
<tr>
<td>MUS 545Q</td>
<td>Major Instrument Study – String Quartet Ensemble 4.0, taken both years</td>
<td>4.0</td>
</tr>
<tr>
<td>MUS 588*</td>
<td>MMus Practicum, completed before end of term 1 of second year</td>
<td>1.0</td>
</tr>
<tr>
<td>MUS 598Q**</td>
<td>Quartet Degree Recitals</td>
<td>1.5</td>
</tr>
<tr>
<td>MUS 503</td>
<td>Bibliography</td>
<td>1.5</td>
</tr>
<tr>
<td>One of MUS 531, 532, 504</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

and a minimum of 1.5 units selected from the following: MUS 500, 501, 502, 504, 506, 507, 530, 531, 532, 533, 536, 562A, 590, or approved undergraduate credit | 1.5 |

**Total** | 18.0 |

*Solo recital of the student’s principal instrument.

** Students in the MMus in Performance—Emphasis in String Quartet program must complete a total of 3 recitals in their two-year residency to fulfill this requirement.

**Final Project**

The first two recitals are completed in conjunction with MUS 545Q; these recitals will be graded internally by the members of the Lafayette String Quartet and one additional faculty member. The third is the Degree Recital MUS 598Q, which is followed by an oral examination.

**Final Examination**

The oral examination will be adjudicated by the student’s supervisory committee, which consists of members of the LSQ and a minimum of two non-string faculty members. The oral examination is approximately one hour in duration and takes place approximately one week after the final degree recital. Each member of the quartet will be expected to demonstrate knowledge of both the solo and chamber music literature for his/her instrument and to speak knowledgeably about the program choices over the course of study. The members of the quartet will be questioned individually and as a group. Procedures and guidelines are available from the graduate adviser.

**Program Length**

All master’s programs require a minimum attendance of five terms, including two Winter Sessions and at least 18 units of course credit. All requirements must be completed within five years (60 months) of the date of first registration.

**Program Withdrawal and Student Progression**

In the event that one or more member(s) of the quartet withdraws from the program, the first priority would be to assist the remaining quartet members in finding a replacement. Another option would be to transfer the remaining members of the quartet directly into the regular MMus in Performance program. In such cases, credit in MUS 545Q would substitute for MUS 545 and the Chamber Music requirement (MUS 581) would be waived for the period that the student was registered in MUS 545Q.

**MMus in Music Technology - Project-based Option**

The MMus in Music Technology program aims to give students integrative training in music technology. It is directed at students who come from diverse musical backgrounds, who will be at the forefront of the creation and creative use of music technology in the 21st century. Students’ research is supported by close mentorship by the program’s faculty, the School’s three digital music studios, and the Fine Arts Studio for Integrated Media (SIM). There is ample opportunity for collaboration with musicians, artists and researchers from other disciplines, in addition to performance opportunities at the School.

**Course Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 503</td>
<td>Bibliography</td>
<td>1.5</td>
</tr>
<tr>
<td>MUS 510</td>
<td>Computational Music and Audio Analysis</td>
<td>1.5</td>
</tr>
<tr>
<td>MUS 511</td>
<td>Music Perception and Cognition</td>
<td>1.5</td>
</tr>
<tr>
<td>MUS 512</td>
<td>Music Technology Colloquium</td>
<td>1.5</td>
</tr>
<tr>
<td>MUS 598C</td>
<td>Project</td>
<td>4.5</td>
</tr>
<tr>
<td>7.5 units to be selected from any of the following1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 506A, 506B, 507, 562A and 562B*, 531 or 532, 590, CSC 510, 511, 561, 565, 575, ELEC 4842, TS 300, TS 320, TS 400</td>
<td>7.5</td>
<td></td>
</tr>
</tbody>
</table>

**Total** | 18.0 |

1. Chosen in consultation with the academic supervisor, and, where appropriate, with permission from the instructor.
2. Required for students wishing to create an original electroacoustic composition or performance presentation with electronics as a final project.
3. ELEC484 only offered in the summer term.

**Final Project**

Student projects (MUS 598C) will be evaluated during a formal presentation to the student’s supervisory committee. Because of the anticipated range of project types, the project presentation will either be scheduled at the time of the student’s oral comprehensive examination or as a separate 60-minute presentation (30-minute presentation/demonstration, 30-minute discussion/question period). Students will also submit a detailed project report at the time of their presentation. The project presentation will be scheduled in consultation with the student’s academic supervisor.

**Oral Examination**

Full-time students will be required to pass a comprehensive oral examination in the context of MUS 598C (Project) during the fall or summer term of their second year. In consultation with their academic supervisor, candidates will develop a total of three topics of inquiry that address a range of approaches or applications of music technology. The selection of these research areas will take place in the student’s first year, in the context of MUS 512 (Music Technology Colloquium). The selected topics will be expected to represent directions and applications of music technology.
technology that will not have been addressed in his/her coursework and research experience. Procedures and guidelines are available from the Graduate Adviser.

**Program Length**

All master’s programs require a minimum attendance of five terms, including two Winter Sessions and at least 18 units of course credit. All requirements must be completed within five years (60 months) of the date of first registration.

**PhD in Musicology**

The PhD program in Musicology is small and selective, offering advanced students the opportunity for intensive directed research in the areas of expertise of its faculty. It emphasizes professional training in research and scholarship. Given the current character of the discipline, the program encourages interdisciplinary work linking scholarship in music with related humanistic fields relevant to the student’s area of research.

**Course Requirements**

The School normally requires a minimum of 12 units of course work, usually taken during the first three semesters of study, successful completion of the candidacy examinations and language requirement, approval of the dissertation proposal, and the writing and defense of the dissertation. Courses will be chosen in consultation with the student’s academic supervisor and the supervisory committee.

**Normally, the course work consists of 3.0 units of the following:**

- **Graduate Forum in Musicology** (MUS 533) ..................................................................................................................... 1.5
- **Advanced Research Forum in Musicology** (MUS 534) ..................................................................................................................... 1.5

**3.0 units drawn from the following:**

- **Topics in Musicology Before 1750** (MUS 530) ..................................................................................................................... 1.5
- **Topics in Musicology After 1750** (MUS 531) ..................................................................................................................... 1.5
- **Comparative Topics in Musicology** (MUS 532) ..................................................................................................................... 1.5

**and an additional 6.0 units of electives** in music and other areas relevant to the student’s research as determined in consultation with the student’s supervisory committee. These may include a maximum of 3.0 units of undergraduate courses at the 300 level or above in a department outside the School of Music, if relevant to the student’s area of specialization. With the exception of MUS 421 (Special Topics in Musicology), no credit will be given for undergraduate courses taken in the School of Music.

In addition, students will register for MUS 689 Dissertation Proposal (1.5) in the semester in which the dissertation prospectus is developed. The Dissertation is prepared in conjunction with MUS 699 (PhD Dissertation) on successful completion of the PhD Candidacy Examinations (MUS 693) described below.

**Candidacy Examinations**

Students will register for MUS 693 PhD Candidacy Examinations (3.0) for the duration of their preparation for their candidacy examinations. This begins at the time a student first enrolls in the PhD program and continues until candidacy requirements have been completed.

The candidacy examinations are normally taken before the end of the second year (but in exceptional cases no later than 36 months of first enrollment in the program), and before registration in MUS 699 (PhD Dissertation). They consist of written and oral components.

The examinations deal with ten topics selected in consultation with the academic supervisor and the supervisory committee according to the student’s specific needs. Up to five of the topics may be related to his/her research area, and should represent a diversity of disciplinary approaches. The purpose of these topics is to ensure that the student has the knowledge base necessary for completion of the dissertation. The remaining field topics in music should lie outside the area of research concentration, and should represent contrasting historical periods, genres, or approaches to the field. The purpose of these topics is to ensure that the student has the disciplinary breadth essential to careers in the field. The student will submit the ten proposed topics to the musicology faculty in the first-year review portfolio.

After approval of the topics, the student will:

1. prepare a select formal bibliography of the most important “classic” and recent scholarship on each topic; this bibliography represents the student’s reading list for each area
2. prepare a list of a representative sampling of musical repertoire related to each area
3. develop a mature grasp of the major musical issues, a critical perspective on the major research related to each topic, and an understanding of the cultural and intellectual context of each topic
4. formulate a question related to each topic
5. submit the bibliographies, repertoire lists, and proposed questions to the academic supervisor no less than four weeks before the scheduled oral examination

Members of the student’s supervisory committee will select three of the questions, emending them as deemed appropriate, and the candidate will have two weeks to write an essay of at least 2000 words in length on each of them.

The oral examination is taken in the presence of the student’s supervisory committee, and is open to all School of Music teaching faculty. The examination will consist of a discussion of the three essays and the musical repertoire related to them; additional questions related to the remaining field topics and repertoire will follow. The duration of the examination is approximately two hours.

In case of failure in one portion of the candidacy examinations, the candidate may retake that portion. The requirements must be fulfilled within the calendar year and no sooner than six weeks after the original examination.

**Candidacy**

The student progresses to candidacy on completion of the candidacy examinations and demonstration of competency in the required languages. Two foreign languages related to the student’s research are required, normally as part of the admissions process (see “Admission to the PhD Program”, page 176). Those who do not submit such evidence will be required to pass language examinations before work on the dissertation begins.

**Other Requirements**

By May 15 of the first year of study, students will submit a portfolio in order to demonstrate satisfactory progress toward the degree and in preparation for the comprehensive examinations. This portfolio should contain two samples of work completed in the course of the first-year graduate seminars, a listing of the proposed area of research concentration and the ten proposed field topics for the candidacy examinations.

The portfolio should also include a list of the proposed supervisory committee for the dissertation work and a statement regarding progress toward completion of the language requirement. Preparation of the first-year portfolio is completed in conjunction with the Graduate Forum in Musicology (MUS 533) in the spring semester of the first year. The musicology faculty will review the portfolio and provide comment on the candidate’s progress in the program, supervisory committee, and the proposed comprehensive topics by May 31.
Dissertation
The student must register for MUS 689 Dissertation Proposal (1.5) in the semester in which the dissertation prospectus is developed. The prospectus is to be at least 20 pages in length, and should include:
1. a detailed summary of the topic and thesis
2. a description of the state of research in the chosen field of study, including specific references to existing published studies, their scope and limitations
3. a statement of the research problem(s) upon which the dissertation is to focus, and a summary of the proposed plan of study
4. a description of the state of the primary source materials and their immediate availability
5. a select but comprehensive bibliography of directly relevant scholarship
The prospectus is submitted for approval to all members of the student's advisory committee. The PhD dissertation must be an original contribution to knowledge. Between 20 and 30 units of credit are awarded for the dissertation.

Oral Examination
The dissertation is subject to an oral defense conducted by the supervisory committee and additional examiners, and open to the School of Music community.

Program Length
The PhD requires a minimum of three years of study, a minimum of 30 units beyond the master's degree, and the successful completion of the Course Requirements. All requirements must be completed within seven years (84 months) from the time of first registration in the doctoral program.

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master's and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op" on page 46.

Neuroscience

GENERAL INFORMATION
The Graduate Program in Neuroscience is an interdisciplinary program that features faculty from a number of departments including Biology, Biochemistry and Microbiology, Psychology, The School of Exercise Science, Physical and Health Education and the Division of Medical Sciences. It is hosted by the Division of Medical Sciences and offers specialized training in Neuroscience to students from a variety of backgrounds.

Contact information
Division of Medical Sciences

Location: Medical Sciences Building, Room 104
Mailing Address:
Division of Medical Sciences
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2

Courier Address:
Division of Medical Sciences
University of Victoria
3800 Finnerty Rd
Victoria BC V8P 5C2

Telephone Number: .......................................................... 250-472-5500
Fax Number: ................................................................. 250-472-5505
Website: <www.medsci.uvic.ca>

Neuroscience Program Director and Adviser: Dr. Brian Christie
Email: brain64@uvic.ca
Phone: .......................................................... 250-472-4244

Graduate Secretary: Erin Gogal
Email: dmscsec@uvic.ca
Phone: .......................................................... 250-853-3129

Faculty Members and Areas of Research

DIVISION OF MEDICAL SCIENCES
Craig Brown, PhD (Calgary)  Stroke neuroanatomy, fluorescence imaging
Brian Christie, PhD (Otago)  Learning and memory, synaptic plasticity, neurogenesis, traumatic brain injury, Fragile X Syndrome, Fetal Alcohol spectrum Disorders, animal behavior, concussions, athletic performance
Patrick Nahmey, PhD (UBC)  Neuroanatomy, synaptic ultrastructure electron microscopy, live cell imaging
Leigh Anne Swayne, PhD (Calgary)  Neurogenesis and the bioelectric control of new neurons in healthy and injured/diseased brain, ion channels as therapeutic targets for brain repair
Stephanie Wilerth, PhD (Washington)  Tissue engineered scaffolds for promoting stem cell differentiation, novel drug delivery systems, and analysis of stem cell differentiation using next generation sequencing

DEPARTMENT OF BIOLOGY
Gautam Awatramani, PhD (State University New York)  Synaptic physiology, multi-photon imaging, retina, optogenetics
Robert Burke, PhD (Alberta)  Cellular signaling and neural specification, developmental biology
Robert Chow, PhD (New York University)  Neuronal cell type diversity, retinal development
Kerry Delaney, PhD (Princeton)  Synaptic transmission and plasticity, neurodevelopmental disease
Raad Nashmi, PhD (Toronto)  Neurotransmission molecular mechanism of addiction
Louise Page, PhD (Univ. of Victoria)  Evolutionary developmental biology of gastropod molluscs, functional morphology of marine invertebrates
Nancy Sherwood PhD (California-Berkeley)  Neuropeptides in the control of reproduction and growth; evolution of neuropeptides, mainly in fish
**DEPARTMENT OF PSYCHOLOGY**

C.A. Elizabeth Brimacombe PhD (Iowa State)  
Eyewitness testimony, social cognition

Daniel Bub, PhD (Rochester)  
Cognitive neuropsychology, brain injury

Mauricio A. Garcia-Barrera PhD, (Univ. of Georgia)  
Clinical neuropsychology

Jodie R. Gawryluk, PhD (Dalhousie University)  
Clinical neuropsychology, neuroimaging, functional magnetic resonance imaging, changes in brain structure/function in disorder and recovery

Clay Halloy, PhD (Illinois)  
Neurobiological mechanisms of cognitive control

Kimberly A. Kerns, PhD (Chicago Medical School)  
Pediatric neuropsychology, clinical psychology, attention and memory disorders

Adam Krawitz, PhD (Michigan)  
Computational cognitive neuroscience of working memory, executive controls, decision making

D. Stephen Lindsay, PhD (Princeton)  
Memory and cognition, eyewitness memory, children's memory

Stuart MacDonald PhD (Univ. of Victoria)  
Life-span development

Michael Masson, PhD (Colorado)  
Memory and cognition, cognitive skill development, computational modeling

Catherine A. Mateer, PhD (Univ. of Western Ontario)  
Clinical neuropsychology, neuropsychological and cognitive rehabilitation, traumatic brain injury

Ulrich Mueller, PhD (Temple)  
Development of self-regulation, executive function, social development in infancy and early childhood

Jim Tanaka, PhD (Oregon)  
Visual object and face recognition

**SCHOOL OF EXERCISE SCIENCE, PHYSICAL HEALTH & EDUCATION**

Olav Krigolson, PhD (University of Victoria)  
Neural basis of decision making and reinforcement learning In humans using EEG, fMRI, and computational modeling.

E. Paul Zehr, PhD (Alberta)  
Neuromuscular plasticity and motor recovery after injury

**Degrees and Specializations Offered**

MSc and PhD in Neuroscience

**Financial Support**

All students accepted into the program are guaranteed a minimum stipend which can be comprised of a combination of scholarship, fellowship, Teaching Assistantship and support payments from individual research grants. For this reason students must be accepted into individual laboratories as well as by the Program. Students admitted to the program will have the department or school in which their thesis supervisor has their primary appointment listed as their home department. Students will be eligible for fellowships and Teaching Assistantships administered by their supervisor’s home department.

All graduate students are financially supported to undertake full-time graduate studies. MSc students deemed to be making satisfactory progress towards their degree requirements are guaranteed a minimum of $20,000 per annum for two years and PhD students $20,000 per annum for four years from the sources listed above. Funding may still be available in additional years of the program but the minimum is no longer guaranteed.

**ADMISSION REQUIREMENTS**

**General Application Process**

1. Initial inquiries should be made directly to a prospective research supervisor to see if a position is available, or by using the Prospective Graduate Student Form:  
   www.uvic.ca/medsci/students/apply/form/index.php

2. If a Neuroscience faculty member agrees to supervise you, formally apply to the Neuroscience Graduate Program using the UVic Faculty of Graduate Studies website.  
   www.uvic.ca/graduatestudies/admissions/admissions/apply/index.php

   Please note: acceptance by a research supervisor is a requirement for entry into the program.

3. Ensure all of your application materials have been received by Graduate Admissions, particularly your formal letters of reference.

4. In addition to the documentation required by the Faculty of Graduate Studies (see "General and Academic Requirements and Procedures for All Graduate Students", page 25) students will need to supply:  
   - two letters of reference  
   - letter outlining your research interests and identifying your confirmed research supervisor(s).

5. Applicants whose native language is not English must write the TOEFL (Test of English as a Foreign Language) and submit scores to the Graduate Admissions and Records Office. A score of at least 630 on the paper based version of the test or 267 on the computer based test or an overall score of 90 on the internet based TOEFL is required.

**Admission to the MSc Program**

Admission requires a bachelor's degree with course-work appropriate to the proposed thesis research concentration. Students who have achieved the minimum grade point average (GPA) of the home department during the last two years of study will be considered for direct admission to the Program. Students meeting the Faculty of Graduate Studies minimum will be conditionally considered for admission on a case-by-case basis.

Students must have a Neuroscience faculty member agree to supervise them and agree to provide financial support in advance of applying to the program.

**Admission to the PhD Program**

Students can enter the PhD program having previously achieved a MSc degree, by transferring from the MSc program at the end of their first year, and upon recommendation of the supervisory committee or, in rare cases, directly with a BSc Honours Degree Students with a bachelor's degree with course-work appropriate to the proposed thesis research concentration and a first class GPA (over 7.0 on the UVic 9.0 scale or around 80%) in their last two years of study will be considered for direct entry to the PhD program. Evidence of research experience including summer research, honours thesis work or peer reviewed publications will support application to the PhD program in the absence of a MSc degree. Admission based on a MSc qualification will normally require a graduate GPA of over 7.0 on the UVic scale. Applicants to this program will require the following to complete their application package:

- Official Transcript
• Acceptance from a faculty member willing to act as the student’s supervisor and guarantee minimum financial support requirement will be met
• Acceptance by the Neuroscience Admissions Committee
• Two letters of reference
• CV

Deadlines
To be eligible to be considered for a University of Victoria Fellowship applicants should normally submit their application package by February 15 for admission in September of the same calendar year. Admission is possible for September 1 or January 1 with a recommendation that applications be received a minimum of 3 months prior to the proposed entry date for Canadian applicants. Because of visa requirements international students should complete the application process at least six months in advance.

PROGRAM REQUIREMENTS

MSc – Thesis Option
The MSc is a full-time research degree with the requirement for a thesis and some additional coursework

Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSC 500</td>
<td>3.0</td>
</tr>
<tr>
<td>NRSC 501A or 501B (first year)</td>
<td>1.5</td>
</tr>
<tr>
<td>NRSC 502A or 502B (subsequent years)</td>
<td>1.5</td>
</tr>
<tr>
<td>NRSC 595</td>
<td>1.5</td>
</tr>
<tr>
<td>NRSC 599</td>
<td>9.0–15.0</td>
</tr>
<tr>
<td>Electives</td>
<td>1.5</td>
</tr>
</tbody>
</table>

All students must complete NRSC 500 Fundamentals of Neuroscience covering core concepts in cellular, systems and cognitive neuroscience. All students will be expected to enroll in a seminar and research presentation course in either Cellular (NRSC 501A) or Cognitive (NRSC 501B) Neuroscience for the duration of their enrolment in the program. In consultation with their supervisory committee students will complete an elective from courses offered by the Program or cross-listed with other departments. The thesis is expected to comprise a body of original experimental work which is of publishable quality defended in an oral examination in front of the supervisory committee and an external examiner from outside the candidate’s home department.

Program Length
The MSc is primarily a program of full-time independent research. Students can expect to take approximately two years to complete the program.

PhD Program
The PhD program is a full-time program of independent and original research leading to a dissertation which is defended in an oral examination. Normally, students must complete a candidacy examination within 21 months of entering the NRSC program, this includes students that initially entered in the MSc program. In addition to the courses listed below students may be required to take supplemental courses to address specific gaps in their preparation for their dissertation work at the advice of their supervisory committee. Students must enroll in the seminar and presentation course appropriate to their area of study for the duration of their enrolment in the program.

Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSC 600</td>
<td>3.0</td>
</tr>
<tr>
<td>NRSC 601 A or 601B (first year)</td>
<td>1.5</td>
</tr>
<tr>
<td>NRSC 602A or 602B (subsequent years)</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Dissertation
The topic and scope of the dissertation research is determined by the supervisory committee and the candidate. The written dissertation must comprise an original work of research of a quality suitable for publication as at least one peer reviewed journal article.

Oral Examination
The dissertation must be defended in an oral examination in front of the supervisory committee and an external examiner from outside the university to ensure that the research and dissertation meet the required standard.

Program Length
The PhD is a full-time research degree that normally takes approximately four years to complete.

Nursing

MISSION AND VISION
The UVic School of Nursing is dedicated to excellence in accessible and innovative undergraduate and graduate nursing education, research initiatives, and professional practice and service to the community in British Columbia, in Canada, and beyond. The School is committed to generating knowledge, advancing the nursing profession and discipline, and enhancing nursing practice to improve health for individuals, families, communities, and society. Through collaborative partnerships among educators, students, health practitioners, researchers, and policy developers, we strive to support health and social change serving communities in British Columbia, Canada, and around the world.

The School of Nursing faculty and staff accomplish our vision by reflecting our values in all activities. We are committed to value and honour all members of our community. We strive to manifest an inclusive environment in which diversity in beliefs and practices, intellectual, pedagogical and philosophical approaches and individual uniqueness are lived, celebrated and respected.

The School of Nursing Graduate Education Programs are based in a philosophical model that attends to coherence among and between ontological, epistemological, ethical, and practice dimensions. This model is fostered by values of openness, diversity, scholarship, and service related to human health.

Our School’s faculty are widely recognized for their contributions to the advancement of nursing as a scientific discipline and practice profession through research, leadership, practice, teaching, publications and presentations. A comprehensive listing of nursing faculty is located at <www.nursing.uvic.ca>.

All teaching faculty, as well as students, have the benefit of working with a skilled group of professional and support staff.

Contact Information
School of Nursing
Location: HSD Building, Room A402
Mailing Address:
School of Nursing
PO Box 1700
Victoria, BCV8W 2Y2
Canada
Faculty Members and Areas of Research

Elizabeth Banister, PhD (Victoria)
- Adolescence sexual health education; adolescent relational aggression; mentoring; knowledge translation; ethnography

Anne Bruce, PhD (British Columbia)
- Palliative care nursing; contemplative practices in teaching and learning; mindfulness meditation; death and dying; living with fatal chronic conditions; narrative and interpretive inquiry

Laurie Barnhardt, BScN, MSN, NP(F) (Ontario)
- Simulation in nursing education, advanced nursing practice, primary health care, specialized nurse practitioner implementation

Katherine Berton, BScN, MN, NP(F) (Alberta)
- Primary health care, diabetes management

Gweneth A. Doane, PhD (Victoria)
- Family and women’s health; ethics, learning and teaching; interdisciplinary education and practice

Susan Duncan, PhD (Alberta)
- Nursing education leadership, policy analysis and advocacy, participatory research, public health nursing, primary health care

Noreen Frisch, PhD (Southern Illinois)
- Holistic nursing practice; nursing language and classification; and student development

Marcia Hills, PhD (Victoria)
- Health promotion; curriculum development; family health; participatory action research; international health

Marjorie MacDonald, PhD (British Columbia)
- Health promotion; community/public health; public health systems/services; health equity; implementation science; adolescent health; social and health policy; health program evaluation; advanced nursing practice; primary health care; qualitative research; mixed methods research; emerging approaches to systematic review

Karen Mackinnon, PhD (Calgary)
- Rural maternity care and perinatal nursing; interprofessional practice and education; the social organization of women’s childbearing experiences and Institutional Ethnography

Anastasia Malidou, PhD (Alberta)
- Health services research; organizational context and its impact on patient/resident, healthcare provider, and system outcomes; quantitative research methods; knowledge translation in healthcare; leadership and health policy; healthcare systems; long-term care facilities

Lenora Marcellus, PhD (Alberta)
- Neonatal nursing; transition of the high risk newborn to the community; creating supportive environments for neonatal development; perinatal substance use; women’s health; leadership; quality improvement

Carol McDonald, PhD (Calgary)
- Nursing practice as the enactment of social justice. The socio-political context of health experiences of underserved people including people who are racialized, gender variant and queer

Marjorie McIntyre, PhD (Colorado)
- Philosophical/historical issues in nursing; feminist critique of women’s healthcare practices; hermeneutics

Bernie Pauly, PhD (Victoria)
- Nursing ethics; health policy ethics; harm reduction; health inequities; access to health care; homelessness; addiction; HIV/AIDS

Mary Ellen Purkis, PhD (Edinburgh)
- Social accomplishment of nursing practice; effects of contemporary health care discourses (health promotion and self-care) on nurses’ practices; ethnography and discourse analysis

Esther Sangster-Gormley, PhD (Dalhousie University)
- Primary health care: the role and function of the nurse practitioner in the delivery of primary health care. The acceptance role of the nurse practitioner by patients, physicians and health care administrators, and integration of the role into the health system

Debra Sheets, PhD (South California)
- Community promotion; empowerment; community nursing practice; lifestyle changes; illness and events; connectedness; people’s experiences of health, illness and healing; narrative inquiry; feminist research; story as a metaphor of healing; spirituality

Keli Stajduhar, PhD (British Columbia)
- Palliative and end-of-life care; family caregiving; home care; HIV/AIDS; oncology; vulnerable and marginalized populations; gerontology; health services research; qualitative and quantitative research methods; mixed method study design; collaborative, participatory research

Rosalie Starzomski, PhD (British Columbia)
- Health care and nursing ethics; nephrology nursing; transplantation/organ donation; ethical issues related to biotechnology (e.g. genetic testing for polycystic kidney disease); health and social policy (e.g. consumer involvement in health care decision making); interdisciplinary collaboration; leadership and advanced nursing practice

Deborah Thou, PhD (Texas)
- Nursing theory based research; research methodologies congruent with human science perspective; exploration of lived experience such as time passing, suffering, facing the unknown

Lynne Young, PhD (British Columbia)
- Health Promotion; social determinants of cardiovascular health; aging; pain care; systematic reviews; student-centered teaching; eportfolios

Degrees and Specializations Offered

The School of Nursing offers a number of online/distributed learning graduate education opportunities. Students may enroll in one of four options through the School of Nursing directly and may apply for double master’s degrees in Nursing and Health Information Science:

- The PhD in Nursing by Distributed Learning (even-numbered years)
- The Master of Nursing, Advanced Practice Nursing: Advanced Practice Leadership (APL)
• The Master of Nursing, Advanced Practice Nursing: Nurse Practitioner (NP)
• The Master of Nursing, Advanced Practice Nursing: Nurse Educator (NUED)
• The Master of Nursing and the Master of Science in Health Informatics

Applicants to interdisciplinary graduate programs identifying nursing as one of their disciplinary areas are welcomed and encouraged to contact the Associate Director of Graduate Programs in the School of Nursing as well as the Faculty of Graduate Studies.

Facilities
The University of Victoria School of Nursing is uniquely situated in the Faculty of Human and Social Development. This faculty consists of the Schools of Social Work, Child and Youth Care, Public Administration, Public Health and Social Policy and Health Information Sciences, as well as the Indigenous Governance Program and the Studies in Policy and Practice Graduate Program. Additionally, the School of Nursing provides the opportunity to pursue scholarly links with the University of Victoria Centre on Aging, the Centre for Youth and Society and the Centre for Studies in Religion and Society.

Off campus, we are linked with research centres at the University of British Columbia, including the Institute for Health Promotion Research, the Human Early Learning Partnership, the W. Maurice Young Centre for Applied Ethics, and the BC Centre of Excellence for Women’s Health. We also have strong research and practice linkages with the Vancouver Island Health Authority, the Vancouver Coastal Health Authority, the Fraser Health Authority, the Interior Health Authority, the Provincial Health Services Authority and the Ministries of Health Planning and Health Services.

Financial Support
The UVic School of Nursing administers a number of awards to students enrolled in nursing graduate programs at the University of Victoria. Detailed information on these awards and application procedures is available from the UVic School of Nursing website: <nursing.uvic.ca>. All eligible students are encouraged to apply for funding from provincial, federal and external sources.

Faculty support will be available to students in the preparation of applications to major funding agencies. Students are not required to have funding in place when they apply to graduate programs in nursing; however, financial support may facilitate program completion.

Eligibility for nomination for scholarships administered by the School of Nursing will be determined on the basis of individual scholarship criteria, full-time registered status and Grade Point Average (GPA). The nomination for scholarship process is competitive. Nominations are reviewed by professional staff and faculty in the School on an annual basis.

Research assistantships in the School of Nursing are limited and will be publicized to all registered students should they come available.

Nursing Practice Requirements
Nursing practice experiences are essential components of the nursing program. Students must be prepared to travel outside their home community for practica when necessary. If a student is completing hours outside the province/territory/state where they are currently registered, the student must acquire active practicing registration in the jurisdiction where these practicum hours take place. Arrangements and associated costs related to nursing practice experiences are the responsibility of the individual student.

Note: Nurse Practitioner students must have access to a vehicle to attend practicum experiences during the program. NP students must be willing and able to travel to any health authority in BC to work with a primary care preceptor. Students are responsible for finding accommodation with a high speed internet connection. This will allow individuals to participate easily in online synchronous and asynchronous learning sessions.

Code of Ethics and Standards of Practice
All students must adhere to the Canadian Nurses Association (CNA) Code of Ethics and to the Standards of Practice (or equivalent) of the registered nurses’ licensing organization in the jurisdiction in which they are undertaking their practice experience. Students who fail to adhere to these may be required to withdraw from the program. Please refer to “Professional Conduct and Student Progression”, below.

Criminal Record Reviews
While not a requirement for admissions, UVic students employed in cooperative work terms, placed in practica or enrolled as student members in professional organizations may be required to undergo criminal records reviews by legislation (e.g., BC Criminal Records Review Act), or because of the risk management policies of the organization with which the student will be associated. Students are responsible for providing authorization for the review to the employer, practice agency or professional organization upon request and/or cooperating in the conduct of the review as needed. Without this authorization or cooperation, an organization may revoke its offer of employment or placement. Usually, the student must pay for the review, although some employers will absorb the costs. Some units on campus, where students are frequently placed in situations requiring a review, may have standard information or practices regarding the procedure. However, the University has no responsibility to involve itself in this process. Students should check the administrative office in their own unit for any discipline-specific information.

Students undertaking practice experiences in a jurisdiction outside BC are responsible to ensure they have a Criminal Record Review or equivalent if required by their practice experience agency.

Applicants or students with criminal convictions are advised to contact the appropriate registered nurses’ association with regard to specific questions involving criminal convictions and ability to register as a nurse in the jurisdiction in which they are undertaking their practice experience.

Health Insurance Coverage
All students must maintain basic and extended health care coverage throughout the duration of the program.

Personal Respirator Fit Testing
Students must be fit-tested before initial use of their personal respirators and annually thereafter while in the MN program, and they must provide evidence of a personal respirator quantitative fit-test at least six weeks prior to attending any practice or Co-op placement or provide a waiver of this requirement signed by the agency contact.

Agency Orientation/IT Access and Photo Identification
If not already completed, or as mandated by the agency prior to the start of a practice experience, students must fulfill the online and/or classroom requirements for student orientation (see health authority website for requirements) and work with the graduate practicum coordinator to arrange for IT system access to health records, medication management, wound care, etc. Students must wear their UVic student ID or, where required, agency produced photo identification during practica.

Immunizations
Agencies require students to provide the School of Nursing with proof of current immunizations and TB status. An annual flu shot is required by health authorities, or students may be asked to wear a mask during contact with patients. All costs and responsibilities are the responsibility of the individual student and must be provided to the agency and the School of Nursing upon request.
Current Basic Life Support Certificate
All MN students must provide evidence of successful completion of basic life support level-C or higher six weeks prior to a practicum or Co-op experience or provide a waiver of this requirement signed by the agency contact. Current CPR level-C certification, or a waiver for each practicum site, must be on file in the School of Nursing to remain registered in the program.

Confidentiality Acknowledgement
Agencies require students to read a confidentiality policy and sign a confidentiality acknowledgement. Print the form from the student practice orientation webpage for the agency, sign the form and submit the acknowledgement to the agency (keeping a copy for your records).

Regulations Related to Active Practicing Registration
In addition to the above requirements, all students must have active practicing registration as a Registered Nurse or the equivalent registration for the jurisdiction in which they are undertaking their practice experience. Students’ active registration status will be checked prior to practice experience. Please note that students studying outside of BC are required to submit verification of active practising registration to the School of Nursing annually. Students studying in the US must also provide proof of current malpractice insurance, annually, for the duration of the program.

Non-Degree Student Practica Fee (CRNBC Nurse Practitioner Registration Applicants)
Non-degree students completing course work to meet eligibility requirements for NP Registration examinations with CRNBC must also pay a $750 practica fee in addition to tuition for the course(s) and any other fees associated with non-degree student status as assessed by the Faculty of Graduate Studies.

Electronic Log Fee – Nurse Practitioner Program
Nurse Practitioner students may be required to use an electronic log system and are responsible for paying fees associated with the purchase and maintenance of this log.

Professional Conduct and Student Progression
Within the University of Victoria School of Nursing, we are committed to open, transparent processes of evaluation. This means that we encourage students to be proactive in approaching their instructors about past progress and challenges as each new course starts. Faculty and staff at the School of Nursing work as a team to maximize learning opportunities and enhance the quality of instruction. Evaluative feedback about current and past student progress is shared by course instructors with other faculty or staff in the School of Nursing as needed in order to promote student success.

Professional Conduct
All students in the School of Nursing must follow the Faculty of Human and Social Development’s (HSD) Guidelines for Professional Conduct. The faculty supports models for professional conduct based on the following guidelines:
• submission of oneself to a professional code of ethics
• exercise of personal discipline, accountability and judgement
• acceptance of personal responsibility for continued competency and learning
• willingness to serve the public, client or patient and place them before oneself
• ability to recognize the dignity and worth of all persons in any level of society
• willingness to assist others in learning
• ability to recognize one’s own limitations
• maintenance of confidentiality of information (including all electronic communication) appropriate to the purposes and trust given when that information was acquired
• acceptance that one’s professional abilities, personal integrity and the attitudes one demonstrates in relationships with other persons are the measure of professional conduct

Unprofessional Conduct
Students in the Faculty of Human and Social Development are subject to the provisions of the code of ethics of their respective professions, and may be required to withdraw from their School for violating these provisions. Students may also be required to withdraw from their School, when ethical, medical or other reasons interfere with satisfactory practice in their respective disciplines.

All students in the School of Nursing are subject to the provisions of the Canadian Nurses Association Code of Ethics for Registered Nurses, and the College of Registered Nurses of British Columbia (CRNBC) Professional and Practice Standards (or the equivalent in the province/territory/state in which the student practises). In addition to the above, the following School of Nursing practice regulations apply:

i. Where a student is enrolled in a nursing practice or Co-op course and there are reasonable grounds to believe that the conduct or lack of competence of a student enrolled in a nursing practice course has adversely affected, or may adversely affect, those associated with the practice placement including:
- clients and/or their families
- student peers, or
- health care professionals or others in health related fields liaising with the UVic School of Nursing

OR the student has breached the Regulations Concerning Practica, the Canadian Nurses Association (CNA) Code of Ethics for Registered Nurses or the CRNBC Professional or Practice Standards (or the provincial/territorial or state equivalent where the student’s practicum is located), the course instructor may then:

a) restrict activities of the student in the course in such manner as the instructor deems appropriate and/or
b) suspend the student’s continued participation in the course prior to the course end date, and/or
c) assign a failing grade (grade F or N) to the student’s performance in the course and report the failure to the Associate Director, Graduate Education and the Coordinator, Student Affairs.

ii. The School of Nursing Graduate Education Academic Review Committee will review a student’s enrolment in a nursing practice and/or theory course (including review of practice appraisals) and/or the nursing degree program where:

a) a failing grade (grade of F or N) has been assigned to the student’s performance in a course,
b) a report has been received that a student has breached the HSD Faculty Guidelines for Professional Conduct or Regulations Concerning Practica, the Canadian Nurses Association Code of Ethics for Registered Nurses or the CRNBC Professional or Practice Standards (or the provincial/territorial or state equivalent where the student’s practicum is located).

After receiving a written request from the student, and giving the student an opportunity to be heard by telephone conference call, or in person, the Graduate Education Academic Review Committee (includes Supervisor/Faculty Advisor, Program Coordinator and the Associate Director, Graduate Education) may recommend to the Faculty of Graduate Studies that a student be permitted to retake a course in which a student has been assigned a failing grade (with or without additional requirements/conditions), OR require the student to withdraw from the graduate program in which the student is enrolled.
Fitness to Practice

Students enrolled in the School of Nursing graduate programs at the University of Victoria are required to meet the standards for fitness to practice as defined by the College of Registered Nurses of British Columbia (or the provincial/territorial or state equivalent where the student’s practicum is located) document, “Fitness to Practice: The Challenge to Maintain Physical, Mental and Emotional Health”.

Students must notify their instructor(s) and practice preceptor of any absence from a scheduled practice experience and complete the missed practice hours within the official scheduled course dates.

Admission Requirements

General

Initial enquiries regarding graduate programs should be addressed to the Graduate Adviser, School of Nursing. Application materials may be obtained from the Graduate Admissions and Records Office website <uvic.ca/garo> and the School of Nursing website: <nursing.uvic.ca>.

Applicants for the degree of MN or PhD in Nursing must meet all general requirements of the Faculty of Graduate Studies, as well as the specific requirements of the School of Nursing. The equivalent of a minimum of two years’ full-time recent nursing practice as a registered nurse, preferably in the chosen area of concentration, is strongly recommended.

Applicants to the double degree option in Nursing and Health Informatics must meet admission criteria for both programs. Application guidelines are available online at <nursing.uvic.ca>.

Completed applications and supporting documents must be available for consideration by the School and faculty on, or prior to, the published deadline dates.

Admission is highly competitive. Not all students who meet the minimum requirements will be admitted. These programs are offered as resources permit.

Admission to the PhD Program

All interested applicants are required to contact the PhD Program Coordinator in the School of Nursing before beginning the application process and to notify the Graduate Adviser in the School of Nursing of their intention to apply to the program.

Applicants will usually hold a baccalaureate and master’s degree in Nursing. Master’s degrees in other disciplines will be considered but students may be required to take additional courses to acquire the necessary grounding in nursing knowledge development.

An advanced level (500 or higher) university statistics course is required prior to beginning the PhD program in September.

Applicants will be expected to have achieved a minimum Grade Point Average (GPA) of 7.0 (A-) (or equivalent) on the UVic scale of 9.0 in their master’s program although students who have achieved a GPA of less than 7.0 and have appropriate work experience and additional credentials may be considered. In keeping with the current regulations of the Faculty of Graduate Studies, there will be no residency requirement per se. Nonetheless, students will be expected to maintain continuous registration throughout the program, which is structured to support them in moving through the requirements within specified time limits.

Applicants are strongly encouraged to apply for external funding and should indicate on their applications where they have applied for such funding.

All short-listed candidates will be interviewed by a faculty admissions committee.

Direct Admission from Master of Nursing to PhD by Distributed Learning

The goal of admitting students from the MN to PhD program is to facilitate completion of doctoral education for those exceptional students in the Master of Nursing program who have the potential to advance the discipline of nursing.

Please visit the website at <www.nursing.uvic.ca> or contact the PhD Program Coordinator for complete criteria and guidelines for applying for admission.

Admission To Master’s Programs

Applicants for admission must have completed a Baccalaureate in Nursing (equivalent to the degree offered by the University of Victoria) with at least a B+ (77%) average for the last two years of university work. Please note that practica, non-graded (pass/fail) courses, credit granted on the basis of life or work experience, or credit earned at institutions not recognized by the University will not be used in determining an applicant’s admission grade point average or units completed. Any courses used in the calculation of the entering average cannot be used toward a graduate degree program. The Faculty of Graduate Studies may, therefore, be required to take nursing diploma or post-secondary grades outside of the Bachelor of Science in Nursing degree into account when calculating application grade point averages in order to calculate on 30 units.

The Master of Nursing program admits students on an annual basis for September entry, with limited enrolment.

All applicants to the School of Nursing Masters of Nursing Graduate Programs must have completed an upper level (300 or 400) undergraduate statistics course at a recognized post-secondary educational institute with a final grade of B or above prior to admission. This course must have been completed within five years of application.

Applicants for admission to the Nurse Practitioner program must reside in British Columbia and maintain active practising registration with the College of Registered Nurses of British Columbia (CRNBC) for the duration of the MN-NP program.

All students admitted to MN distance programs are required to attend an onsite orientation to their program in August, prior to program commencement in September. For Nurse Practitioner students, this onsite orientation is in addition to the required onsite components that occur in term two to six in the NP program.

Students must provide official verification of active practising registration as a Registered Nurse (or the equivalent in the jurisdiction[s] in which the student is taking the program). Active practising registration must be maintained for the duration of the program.

The UVic School of Nursing holds the view that nursing is an academic discipline and a practice profession. The Canadian Association of Schools of Nursing (CASN) sets the standard for programs of nursing education in Canada. In order to ensure that applicants have the preparation to be successful at the graduate level prior to consideration for full admission, graduates from programs not accredited by the Canadian Association of Schools of Nursing (CASN) may be required to take a limited number of graduate level nursing courses as unclassified non-degree students, achieving a grade of B or above in each. These courses may be accepted for transfer credit in the MN program if the student is subsequently accepted.

Applicants must meet all of the admission requirements of the Faculty of Graduate Studies. In addition, applicants must submit a professional curriculum vitae with complete work, education, and training; academic and employer references; and, a letter of intent related to the program. Students whose first language is not English require an acceptable score on an approved English language competency test (see “English Language Proficiency”, page 26). Nurse Practitioner applicants will be shortlisted and contacted for a face-to-face or telephone interview.

Applicants admitted to the MN program must provide evidence of successful completion of a basic life support level C course completed no more than 12 months prior to admission. A valid CPR level C certificate must be maintained for the duration of the program.
Applications admitted to all MN programs must complete an HSPNet form for use and disclosure of student information for practicum purposes.

All students entering a graduate program in Nursing must have access to the Internet, email and Microsoft Office (i.e. Word and PowerPoint) as well as Adobe Reader or Adobe Acrobat for the duration of the program.

Synchronous learning sessions (booked online classes in real time) may be required for all MN program options. Students enrolled in the MN Nurse Practitioner option are required to be available for weekly online synchronous learning opportunities.

**UVic Email Address**

All program information will be provided by email. All School of Nursing students are required to use their UVic email address as their primary email contact in the student records system while enrolled in programs. This is to ensure continuity and consistency of information received. The School of Nursing is not responsible for providing missed information if students do not use the UVic email address.

**Deadlines**

The application deadline is December 1 of each year. Completed applications and supporting documents must be available for consideration by the School of Nursing on, or prior to, this date.

Please note that the School accepts students for a September entry only. Completed applications submitted by these deadlines are automatically considered for University of Victoria funding opportunities. The School accepts MN students annually and will accept PhD students every other year. Please refer to the website for the next available intake.

**Non-Degree**

Applicants approved by the Faculty of Graduate Studies to take courses as non-degree graduate student may seek permission to register in graduate level courses in the Faculty of Human and Social Development, including the School of Nursing. The School of Nursing limits enrolment to two courses prior to application to a graduate program. The course(s) must be specified on the application for non-degree graduate studies, which must be submitted to the Graduate Admissions and Records Office. Permission to register is not guaranteed and is considered on a case-by-case basis as resources permit, pending instructor approval.

**Program Requirements**

All students in the School of Nursing must adhere to the Faculty of Human and Social Development's Guidelines for Professional Conduct, and will be expected to function within the terms of the code of conduct of an appropriate professional association. All travel, accommodation, meals, textbook, course reading and other expenses related to attending course sessions are in addition to the program tuition costs, and are the responsibility of the student.

Please check the website for current technical specifications required to easily participate in this online/distributed program.

Students must achieve a GPA of at least 5.0 (B) for every session in which they are registered. Students with a sessional or cumulative average below 5.0 will not be allowed to register in the next session until their academic performance has been reviewed by the Graduate Education Academic Review Committee in Nursing and continuation in the Faculty is approved by the Dean of Graduate Studies. In the case of the Double Degree, the academic review will involve representatives from both Nursing and Health Information Science.

Usually, all students registered in any nursing practice course must pass each course before proceeding further through the program. Students may, with permission of the Graduate Education Academic Review committee, repeat a failed nursing practice course and will be placed on academic probation for the remainder of the program. The privilege to repeat a failed nursing practice course is allowed only once in the program. (See also "Professional Conduct and Student Progression", page 186).

All students admitted to the MN online/distributed program are required to attend an onsite orientation in August, prior to program commencement in September. Failure to attend orientation could compromise admission to the MN program. Students unable to commit to the required onsite should consider applying at a later time. For Nurse Practitioner students, this onsite orientation is in addition to the required onsite components that occur in terms two to six in the NP program.

The full-time Nurse Practitioner option offers courses in a set sequence. A leave of absence up to one year is permitted. Before re-enrolment is authorized, students must demonstrate competencies at a level commensurate with their competency level prior to their leave of absence from the program. NP students withdrawn for more than one year must re-apply in competition with other applicants.

Program core course enrolment is guaranteed for students who follow the program course sequence as identified online at <nursing.uvic.ca>. Students who fail "out of sequence" for any reason should contact the Graduate Adviser to discuss course planning in further detail. Please be advised that MN core and option specific required courses are only offered once a year. Enrollment for out of sequence students is based upon course space, instructor, and practice placement availability.

**Master of Nursing, Advanced Practice Nursing:**

**Advanced Practice Leadership (APL)**

**Course-based**

The Master of Nursing, Advanced Practice Nursing, Advanced Practice Leadership (APL), offered in an online/distributed learning format by the University of Victoria School of Nursing, is a practice oriented and theory-based degree intended to prepare nurses for a wide variety of advanced practice roles.

Graduates of the program will be leaders in five spheres of influence: the patient/client sphere, the nurses/nursing sphere, the interprofessional/intersectoral health spheres, the organization sphere, and the health policy and systems sphere. They will practice as Advanced Practice Nurses in a wide range of settings, including acute care, community, long-term care and primary health care.

**Course Requirements**

This program requires completion of a total of 16.5 units of study. The 16.5 units are made up of 7.5 units of core Advanced Practice Nursing (APN) courses, 4.5 units of required APL courses, and 4.5 units of electives.

**Required Core APN courses (7.5 units):**

- NURS 520 (1.5): Nursing Disciplinary Knowledge
- NURS 521 (1.5): Advanced Practice Nursing and Professional Identity
- NURS 522 (1.5): Nursing Ethics for Health System Transformation
- NURS 523 (1.5): Disciplinary Research for Advanced Practice Nursing
- NURS 524 (1.5): Professional Inquiry for Advanced Practice Nursing

**Required APL courses (4.5 units):**

- NURA 596 (1.5): Nursing Scholarship: Integration and Dissemination
- NURA 516 (1.5): Professional Inquiry for Advanced Practice Nursing
- NURA 517 (1.5): APL Praxis I
- NURA 518 (1.5): APL Praxis II
- NURA 519 (1.5): APL Praxis III
- NURA 520 (1.5): APL Praxis IV
**Elective APL Courses (4.5 units)**

Students must take at least 4.5 units of elective courses (one of which may be a practice course). MN-APL students may take one 400 level course as an elective with the permission of the course instructor and the Graduate Adviser.

**Master of Nursing, Advanced Practice Nursing: Advanced Practice Leadership (APL)**

**Thesis Option**

This program requires a minimum of 22.5 units. The 22.5 units are made up of 7.5 units of APN core courses, 4.5 units of required APL courses, 6.0 units of electives, and a 6.0-unit thesis. Students must demonstrate an advanced ability to integrate theory related to advanced practice and nursing.

**Criteria for MN Thesis Option:**

- Confirmation of Thesis Supervisor
- Student-MN Supervisor consultation
- Recommendation of MN Supervisor
- Completion of and/or registration in all required courses prior to enrollment in NURS 599 (6.0 units)
- Completion of and/or enrollment in a minimum of one additional approved research course
- Normally, an A (85%) average in all required courses

Students achieving less than this identified percentage would not be considered eligible to pursue a thesis option.

**Master of Nursing, Advanced Practice Nursing: Nurse Educator (NUED)**

**Course-based**

The Master of Nursing degree in the Advanced Practice Nursing, Nurse Educator (course-based), offered in an online/distributed learning format by the University of Victoria, School of Nursing, is a practice oriented; theory-based degree intended to prepare nurses for advanced nurse educator roles in multi-sectoral settings.

Graduates of the program will have enriched capacity to work across the health care delivery sector and academic settings with the skills to influence nursing practice at the health facility level and the nursing education level.

**Course Requirements**

This program requires completion of a total of 16.5 units of study. The 16.5 units are made up of 7.5 units of core courses, 4.5 units of required NUED courses, and 4.5 units of electives.

**Required Core APN courses (7.5 units)**

- NURS 520 (1.5) Nursing Disciplinary Knowledge
- NURS 521 (1.5) Advanced Practice Nursing and Professional Identity
- NURS 522 (1.5) Nursing Ethics for Health System Transformation
- NURS 523 (1.5) Disciplinary Research for Advanced Practice Nursing
- NURS 524 (1.5) Professional Inquiry for Advanced Practice Nursing

**Required NUED courses (4.5 units)**

- NUED 570 (1.5) Engaging with Pedagogy: Teaching and Learning in Nursing Education
- NUED 573 (1.5) Nurse Educator Practice I
- NURS 596 (1.5) Nursing Scholarship: Integration and Dissemination

**Elective NUED Courses (4.5 units)**

Students must take at least 4.5 units of elective courses (one of which may be a practice course). MN-NUED students may take one 400 level course as an elective with the permission of the course instructor and the Graduate Adviser.

**Master of Nursing, Advanced Practice Nursing: Nurse Educator (NUED)**

**Thesis Option**

This program requires a minimum of 22.5 units. The 22.5 units are made up of 7.5 units of core courses, 4.5 units of required NUED courses, 6.0 units of electives, and a 6.0-unit thesis. Students must demonstrate an advanced ability to integrate theory related to advanced practice and nursing.

**Criteria for MN Thesis Option:**

- Confirmation of Thesis Supervisor
- Student-MN Supervisor consultation
- Recommendation of MN Supervisor
- Completion of and/or registration in all required courses prior to enrollment in NURS 599 (6.0 units)
- Completion of and/or enrollment in a minimum of one additional approved research course
- Normally, an A (85%) average in all required courses

Students achieving less than this identified percentage would not be considered eligible to pursue a thesis option.

**Master of Nursing, Advanced Practice Nursing: Nurse Practitioner (NP)**

**Course-based**

The Master of Nursing degree in Advanced Practice Nursing, Nurse Practitioner (NP) option, offered in an online/distributed learning format by the University of Victoria School of Nursing, is a practice oriented and theory-based professional degree that prepares nurses to qualify as family Nurse Practitioners in British Columbia. All practice experiences are completed within BC.

**Course Requirements**

This program requires completion of a total of 24 units of study, including an onsite program orientation prior to program commencement in September (usually two to three days in length) and additional condensed on-site components as scheduled in every subsequent term. The 24 units are made up of 7.5 units of core Advanced Practice Nursing (APN) courses and 16.5 units of required NP courses.

**Nurse Practitioner Course-Based Option (24.0 units):**

**Required Core APN courses (7.5 units)**

- NURS 520 (1.5) Nursing Disciplinary Knowledge
- NURS 521 (1.5) Advanced Practice Nursing and Professional Identity
- NURS 522 (1.5) Nursing Ethics for Health System Transformation
- NURS 523 (1.5) Disciplinary Research for Advanced Practice Nursing
- NURS 524 (1.5) Professional Inquiry for Advanced Practice Nursing
- NURES 525 (1.5) Advanced Assessment and Diagnostic Reasoning Theory

**Required NP courses (16.5 units)**

- NUNS 531 (1.5) Applied Pathophysiology
- NUNS 532 (1.5) Pharmacological Interventions in Health and Illness
- NUNS 540 (1.5) Advanced Assessment and Diagnostic Reasoning Theory
NUNP 541 (1.5) Advanced Assessment and Diagnostic Reasoning Practice
NUNP 543 (1.5) Integrated Primary Health Care and Advanced Practice Nursing I (Theory) (Adult 1)
NUNP 544 (1.5) Integrated Primary Health Care and Advanced Practice Nursing I (Practice) (Adult 1)
NUNP 545 (1.5) Integrated Primary Health Care and Advanced Practice Nursing II (Theory) (Childbearing/rearing Families and Children)
NUNP 546 (1.5) Integrated Primary Health Care and Advanced Practice Nursing II (Practice) (Childbearing/rearing Families and Children)
NUNP 547 (1.5) Integrated Primary Health Care and Advanced Practice Nursing III (Theory) (Adult II)
NUNP 548 (1.5) Integrated Primary Health Care and Advanced Practice Nursing III (Practice) (Adult II)
NUNP 537 (1.5) Family Nurse Practitioner Integration Internship

Master of Nursing and Master of Science in Health Informatics (Double Degree)

Thesis
The Double Degree option permits nurses who are interested in health information technology to develop graduate level competencies in both Nursing and Health Informatics. The option is intended to prepare nursing leaders with a background essential for working in the rapidly expanding field of nursing and health informatics. Graduates will be prepared to take leadership roles in informatics, telehealth, implementation of electronic health care records and other areas of emerging health technology.

Course Requirements
This program requires a completion of a total of 31.5 units of study. The 31.5 units are made up of 7.5 units of Advanced Practice Nursing (APN) core courses, 6.0 units of required HINF courses, 6.0 units of co-operative learning experiences, 6.0 units of electives and a 6.0-unit thesis. Cooperative learning experiences must usually be undertaken outside of a student’s current employment setting.

An oral examination of the thesis proposal as well as the completed thesis will be required.

**Double Degree Thesis (31.5 units):**

**Required core APN courses (7.5 units)**
NURS 520 (1.5) Nursing Disciplinary Knowledge
NURS 521 (1.5) Advanced Practice Nursing and Professional Identity
NURS 522 (1.5) Nursing Ethics for Health System Transformation
NURS 523 (1.5) Disciplinary Research for Advanced Practice Nursing
NURS 524 (1.5) Professional Inquiry for Advanced Practice Nursing

**Required core HINF courses (6.0 units)**
HINF 501 (1.5) Database Design
HINF 503 (1.5) Research Methods in Health Informatics
HINF 550 (1.5) Health Information Systems Design
HINF 572 (1.5) Health Informatics: An Overview

**Required Electives (6.0 units)**
NURS Electives (1.5)
HINF Electives (3.0)
NURS or HINF Elective (1.5)

Electives are chosen in consultation with the program supervisors. HINF electives are listed at the beginning of the Health Information Science section.

**Required Co-operative experience (6.0 units)**
COOP (NURS) (3.0) Co-operative Experience Requirement
COOP (HINF) (3.0) Co-operative Experience Requirement

**Required Thesis (6.0 units)**
NUHI 599 (6.0) Thesis

**PhD in Nursing by Distributed Learning**

The PhD in Nursing Program will be delivered in an online/distributed learning format offered through synchronous and asynchronous approaches. There are two on-campus intensives required during the first year of the program. Generally, students will need to travel to UVic approximately once per year thereafter; however, additional visits may be required as appropriate for the student’s progress and supervision. The program will require full-time enrolment.

Please contact the School of Nursing for further details.

The goal of the Doctoral Program in Nursing is to prepare nurse scholars to contribute to disciplinary knowledge, to demonstrate a critical understanding of works of scholars in the field, and to conduct original research. Programmatic study involves engagement with a variety of philosophical and theoretical perspectives and methodological modes of inquiry with a view to human health. Graduates will be prepared to launch a program of research that addresses professional nursing practice, policy, or education as a way of enacting their chosen career paths.

PhD in Nursing graduates will be prepared to contribute to nursing knowledge in the following domains:

1. Research: Generating or extending disciplinary knowledge that informs and guides professional practice.
2. Teaching: Exploring processes of coming to know in relation to nursing knowledge, its influence on professional practice, and its use in research inquiry.
3. Practice: Generating, expanding, and critiquing nursing knowledge for the enhancement of professional practice.

**Course Requirements**

Programs of study are planned in relation to specified foci of nursing scholarship in concert with program design, supervisor expertise, and anticipated contributions to knowledge.

The PhD program requires satisfactory completion of at least 13.5 units of coursework (including a mandatory NURS 693 Candidacy Examination preparation course and Dissertation Seminars), candidacy exams, a 30-unit Dissertation, and a final oral examination for a total program requirement of a minimum 43.5 units. Students who are not enrolled in the PhD in Nursing program may take only one course in the program with the permission of the instructor in the course.

The courses listed below reflect the minimum requirements for program completion, however it is generally expected that students take additional courses (including but not limited to a statistics course, NURS 620, NURS 690 and additional units of NURS 680) in order to strengthen their knowledge base for a successful dissertation.

**Required courses**

Nursing Science
Required courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 601 (1.5)</td>
<td>Philosophy in Nursing</td>
</tr>
<tr>
<td>NURS 602 (1.5)</td>
<td>Epistemological Discourses in the Study of Nursing</td>
</tr>
</tbody>
</table>

Research

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 604a (1.5)</td>
<td>Research Methodology for Nursing and Health Care: Qualitative</td>
</tr>
<tr>
<td>NURS 604b (1.5)</td>
<td>Research Methodology for Nursing and Health Care: Quantitative</td>
</tr>
<tr>
<td>NURS693 (3.0)</td>
<td>Candidacy Examination</td>
</tr>
</tbody>
</table>

Elective Courses, Topical Seminars and Internships

Students may seek or be required to enrol in additional, elective course work. The number and nature of courses beyond those identified as required will vary according to the student's academic background, research and practice experience, and career goals. Electives in the student's substantive area and research method can be taken from the existing graduate program in the School of Nursing, courses developed by the School, in other departments or Faculties (in acknowledgement of the interdisciplinary nature of much nursing related research), by directed studies, or offered at other institutions (perhaps under the Western Dean's Agreement). Opportunities to engage in research and teaching internships will be available. You will need to discuss the appropriateness of elective courses with a graduate academic adviser or your supervisor. The following courses may be of interest to students seeking to deepen their appreciation of research within the discipline (NURS 503, 504, NURS 620, 630, 680, 690).

Elective course options for all nursing graduate programs

The following courses may be applied by fourth year BSN (with permission), MN and PhD in Nursing students to respective BSN, MN or PhD program requirements. Students outside of the program option may choose from:

- Advanced Practice Leadership: NURS 503, 504, 514
- Health Information Science: HINF 572, and one of 550, or 450. HINF 450 requires permission from department.
- Nurse Educator: NUED 570
- Nurse Practitioner: NUP 531, 532, 540/541 (with permission from department); NURS 568

Co-operative Education

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is available only in the double degree option Nursing and Health Informatics, and is required. Master's students in the double degree option complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Students should contact the Health Information Science Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op", page 46. Please note that co-op terms are treated as separate courses and are assessed a separate tuition fee.

Pacific and Asian Studies

General Information

The Department of Pacific and Asian Studies offers graduate programs leading to a Master of Arts degree in one of two streams: Regional Studies or Literary and Textual Studies. The MA includes course work and the writing of a Long or Short Thesis. The department is multidisciplinary and covers China, Japan, Oceania and Southeast Asia. Particular research strengths include gender, national and ethnic identities; contemporary Asian fiction, cinema, popular culture; Chinese and Japanese linguistics; contemporary theatre (Indonesia, Japan); local societies, trade, globalization; Asian-Canadian studies; Oceania studies.

For further information, see the Pacific and Asian Studies departmental website: <web.uvic.ca/pacificasia>

Contact Information

Department of Pacific and Asian Studies
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Telephone Number: 250-721-7477
Fax Number: 250-721-7219
Email: paciasia@uvic.ca

Website: <web.uvic.ca/pacificasia>
Chair: R. Christopher Morgan
Email: rcmorgan@uvic.ca
Phone: 250-721-7474

Graduate Adviser: Michael Bodden
Email: mbodden@uvic.ca
Phone: 250-721-6272

Graduate Secretary: Rina Langford-Kimmett
Email: paciasia@uvic.ca
Faculty Members and Areas of Research

Martin Adam, PhD (McGill)
- Buddhism ethics; Early Indian Buddhism; Buddhist philosophy; Socially engaged Buddhism; Philosophy of religion

Michael H. Bodden, PhD (Wisconsin, Madison)
- Indonesian-Malay language; Southeast Asian culture & literature; Indonesian, theatre & literature; Southeast Asian cinema; Graphic narratives from and about Asia and Asians; Human rights & the arts in Asia

Katsuhiko Endo, PhD (New York)
- World history on the Pacific & Asia; Japanese history; Philosophy of the Kyoto School; Critical theory

Timothy Iles, PhD (Toronto)
- Cinema: Asian and Japanese, live-action and animated; Technology and its implications; Science fiction cinema; Horror as a response to social and urban change; Humanism and identity issues in Japan; Popular culture: traditional, modern, postmodern

Richard King, PhD (British Columbia)
- Modern and contemporary Chinese literature; Socialist literary and cultural theory; Propaganda posters and other Chinese visual arts; Asian popular culture; Twentieth-Century Chinese intellectual, social, and cultural history

Tsung-Cheng Lin, PhD (British Columbia)
- Premodern Chinese literature and culture; Narrative tradition of Classical Chinese poetry; Poetry of late Imperial China; Knight-errantry in Classical Chinese poetry; Poetic transition from 18th Century to early Republican China; Taiwanese literature & culture; Narrative theory

Andrew M. Marton, PhD (British Columbia)
- Urban and regional development in China; Asian cities and urban regions; Creative industries in China; Reform and internationalization of Chinese education

R. Christopher Morgan, PhD (Australian National)
- World systems analysis of Asia and the Pacific; Indigenous Peoples of Australasia; Pre-modern economies, exchange theory; Political systems of Oceania; Ethnography and world system history

Hiroko Noro, PhD (Toronto)
- Japanese language pedagogy; Japanese sociolinguistic issues; Intercultural education; Experiential learning; Arts-based language teaching

M. Cody Poulton, PhD (Toronto)
- Japanese theatre & fiction; Religious practice and pilgrimage in Japan; The limits of the Human in Asian cultures; Culture and technology in Japan

Jun Tian, PhD (Victoria)
- Chinese learning and teaching pedagogy; Classroom-based research; Second language writing; Chinese linguistics; Pre-modern and contemporary China; Translation studies Chinese-English

Adjunct Faculty Member and Areas of Research

Jordan Paper, PhD (Wisconsin, Madison)
- East Asian Studies, Chinese religious traditions

Degrees and Specializations Offered

MA

Students may define their program of study by choosing to concentrate on (1) the Regional Studies Stream (the social, cultural, historical, political and economic aspects of China, Japan, Oceania, or Southeast Asia); or (2) the Literary and Textual Studies Stream (the literary, artistic and cultural forms of China, Japan or Southeast Asia). Both streams emphasize the contemporary period and take an interdisciplinary approach to learning and research.

Facilities

The University of Victoria is building, within the University’s McPherson Library, a suitable collection of materials on the Asia-Pacific region. The department also makes every effort to provide students who require it modest funding for a research visit to the more extensive Asia-Pacific collections available in the University of British Columbia libraries in Vancouver. The University of Victoria is the home of the Centre for Asia-Pacific Initiatives and the Centre for the Study of Religion and Society, which offer fellowships and other programs and assistance to Pacific and Asian Studies graduate students with research plans corresponding to these Centres’ respective mandates.

The University’s Humanities Computing and Media Centre and its CALL (Computer Assisted Language Learning) Facility are also excellent resources for students delving into studies and research in Pacific and Asian languages, linguistics, and computer assisted learning.

Financial Support

Pacific and Asian Studies students are eligible for University of Victoria Fellowships and or Graduate Awards on a competitive basis. In addition, the department offers several top-up scholarships of varying amounts. Teaching and research assistantships are also available on a competitive basis. Eligibility for funding is based upon GPA in the last two years of undergraduate studies, suitability for teaching assignments, and continued good progress in the student’s graduate program. Students receive priority for funding during the first two years of the MA program. Prospective students are also encouraged to apply for external funding, such as SSHRC scholarships.

Admission Requirements

Admission to Master’s Programs

Candidates for admission to the MA program should have a minimum B+ (6.0) average in their last two years of undergraduate study and preferably have obtained their undergraduate degree in Asian Studies or a disciplinary field with significant Asia-Pacific-related course work. International students whose native language is not English must provide proof of English language proficiency. Results from a TOEFL, IELTS or MELAB test are acceptable. For details please refer to “English Language Proficiency”, page 26.

Deadlines

Applicants from outside Canada must submit their application and all necessary materials by December 15. The deadline for domestic applicants is January 15. Students wishing to be considered for a University of Victoria Fellowship must apply by these deadlines.

Program Requirements

The Department of Pacific and Asian Studies offers graduate programs leading to the degree of Master of Arts. The MA includes course work and the writing of a thesis or major research paper. Students may choose either a Long Thesis option or a Short Thesis option. Both options require 15 units of work.

Master’s – Long Thesis Option

This program requires 6 units of course work and a 9-unit thesis.

Program Requirements

Normally students must complete the following four 1.5 unit courses for the Regional Studies Stream:

PAAS 500 - Theories of the Pacific Region
PAAS 520 - Special Topics in Pacific Studies
PAAS 550 - Research Methodologies
PAAS 590 Directed Studies
PAAS 550 Research Methodologies

Program Requirements
Towards the end of the second year of the student's program.

There will be a final oral examination of the thesis, ideally occurring towards the end of the second year of the student's program.

Thesis
In this program, students write a thesis (PAAS 599) of 70-90 pages.

Oral Examination
There will be a final oral examination of the thesis, ideally occurring towards the end of the second year of the student's program.

Program Length
The MA degree generally takes two years to complete, including the thesis, and normally requires the first year of study on campus as a full-time student.

No later than January 31 of the first year of study, the student will have formed her/his supervisory committee in consultation with the student's supervisor.

The student may submit her/his thesis proposal to all members of the supervisory committee once the student has completed his/her mock proposal review no earlier than April 1st and no later than June 30th of the first year of study.

Master's – Short Thesis Option
This program requires 9 units of course work and a 6-unit thesis.

Course Requirements
Normally students must complete the following 4.5 unit courses for the Literary and Textual Studies Stream:
PAAS 501 Cultural, Literary and Linguistic Theories in Asia-Pacific Studies
PAAS 521 Special Topics in Asia-Pacific Literature, Linguistics and Culture
PAAS 550 Research Methodologies
PAAS 590 Directed Studies

Other Requirements
In the case of students whose research topic requires them to use original language materials, supervisors may require additional language courses or a period of study overseas either before admission or during the course of the program.

Thesis
In this program, students write a thesis (PAAS 599) of 90-120 pages.

Oral Examination
There will be a final oral examination of the thesis, ideally occurring towards the end of the second year of the student's program.

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master's students. Master's students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op", page 46.

Philosophy

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Victoria, BC V8P 5C2
Canada
Telephone Number: ................................................. 250-721-7512
Fax Number: .......................................................... 250-721-7511
Email: phil2@uvic.ca
Website: <web.uvic.ca/philosophy>
Chair: Dr. Colin Macleod
Email: philchr@uvic.ca
Phone: ................................................................. 250-721-7521
Graduate Adviser: Audrey Yap
Email: philgrad@uvic.ca
Phone: ................................................................. 250-721-7510
Graduate Secretary (Acting): Jennifer Pacheco
Email: uvicphil@uvic.ca
Phone: ................................................................. 250-853-3120

Faculty Members and Areas of Research
Margaret Cameron, PhD (Toronto)
- Medieval Latin philosophy, ancient philosophy, philosophy of language, logic
Cindy L. Holder, PhD (Arizona)
- Social and political philosophy, philosophy of law, feminist philosophy
GRADUATE PROGRAMS

Eike-Henner W. Kluge, PhD (Michigan)
  Medical ethics, medieval philosophy, information ethics

Colin MacLeod, PhD (Cornell)
  Contemporary political philosophy, ethics, and philosophy of law

Michael J. Raven, PhD (New York University)
  Metaphysics, philosophy of language, epistemology, philosophy of mind

Patrick Rysiew, PhD (Arizona)
  Epistemology, early modern philosophy, philosophy of language and philosophy of mind/cognitive science

David Scott, PhD (Reading)
  Early modern philosophy, history of philosophy

Scott Woodcock, PhD (Toronto)
  Ethics, philosophy of biology

Audrey Yap, PhD (Stanford)
  Logic, philosophy of mathematics, history of mathematics and logic, feminist epistemology

James O. Young, PhD (Boston)
  Philosophy of language, aesthetics and metaphysics

Degrees and Specializations Offered

The Department of Philosophy offers programs of study leading to the degrees of Master of Arts and Doctor of Philosophy.

This program has particular strengths in Aesthetics, Applied Ethics, Ethics, Epistemology, Feminist Philosophy, History of Philosophy, Logic, Metaphysics, Political Philosophy, and Philosophy of Language. Applications are particularly welcomed from students interested in these areas. Normally, applicants will have a strong undergraduate degree in Philosophy.

Facilities

The University library holds around 25,000 Philosophy volumes. Currently we have 79 active journal subscriptions, including print and online subscriptions.

Financial Support

Entering students receive competitive financial packages tenable for one year. Students must apply by February 1st to be considered for a University Graduate Fellowship. Financial assistance may also be available in the form of RAs, TAs and departmental scholarships. All eligible students should apply for funding from external sources including Social Sciences and Humanities Research Council (SSHRC).

ADMISSION REQUIREMENTS

Admission to the Master’s Program

The Department of Philosophy normally accepts students for September entry only.

Admission to MA study in philosophy is normally restricted to students with a strong undergraduate degree in philosophy. Students must have a minimum B+ (6.0) average of the final 30 units of credit (or equivalent) of their Bachelor’s degree. The Department requires a minimum score of 580 on the standard TOEFL test for applicants whose native language is not English. A short sample of written work (about 10 pages) must be submitted with the application. For further information, visit <web.uvic.ca/philosophy/grad>.

Admission to the PhD Program

Admission to the PhD program in philosophy is restricted to students who hold an MA in philosophy or an equivalent degree. University regulations permit unusually promising MA candidates to move directly into a doctoral program. For further information, visit <web.uvic.ca/philosophy/grad>.

Deadlines

To be given full consideration for admission and funding, all applicants are asked to apply by February 1.

PROGRAM REQUIREMENTS

Master’s Program

Course Requirements

Students must fulfill three requirements:

1. Take 9 units of course work. With the permission of the Graduate Adviser, up to 1.5 units of this course work may be taken in departments other than the Department of Philosophy. The Research Methods Seminar (PHIL 591) must be taken in partial satisfaction of this requirement.
2. Students must register for and complete the Professional Development Practicum (PHIL 592) for 1.5 units.
3. Write a major research project of 4.5 units (PHIL 598).

Oral Examination

Required.

Program Length

One year.

PhD Program

Course Requirements

Students must fulfill three requirements:

1. Take 9 units of courses numbered 500 and above (except PHIL 598). With the permission of the Graduate Adviser, up to 3 units of this course work may be taken in departments other than the Department of Philosophy.
2. Complete a candidacy examination (PHIL 693). In fulfillment of this requirement, all students must satisfy a logic requirement and be examined on an area of philosophical specialization and an area of philosophical competence. A dissertation proposal must be approved by a student supervisory committee.
3. Write a dissertation of 18 units (PHIL 699).

Oral Examination

Required.

Program Length

Approximately four years.

CO-OOPERATIVE EDUCATION

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s and PhD students. Master’s students complete two work terms, and PhD students complete three (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op”, page 46.
Physics and Astronomy

GENERAL INFORMATION

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Telephone Number: ............................................................ 250-721-7700
Fax Number: ............................................................................. 250-721-7715
Email: physgen@uvic.ca
Website: <www.phys.uvic.ca/>
Chair: Dr. Adam Ritz
Email: chair@phys.uvic.ca
Phone: ................................................................................... 250-721-7698
Graduate Adviser: Dr. Sara Ellison
Email: physgrad@uvic.ca
Phone: ................................................................................... 250-721-7737
Graduate Secretary: Megan Nell
Email: physgrad@uvic.ca
Phone: ................................................................................... 250-721-7700

Faculty Members and Areas of Research
Justin Albert, PhD (Princeton)
  Experimental particle physics
Arif Babul, PhD (Princeton)
  Astronomy and astrophysics
Magdalena Bazalova-Carter, PhD (McGill)
  Medical physics
Devika Chithrani, PhD (Toronto)
  Medical physics
Byoung-Choil Choi, PhD (Freie Universität Berlin)
  Experimental condensed matter physics
Rogério de Sousa, PhD (Maryland)
  Theoretical condensed matter physics
Sara L. Ellison, PhD (Cambridge)
  Astronomy and astrophysics
Falk H. Herwig, PhD (Potsdam and Kiel)
  Astronomy and astrophysics
Dean Karlen, PhD (Stanford)
  Experimental particle physics
Richard K. Keeler, PhD (British Columbia)
  Experimental particle physics
Jody M. Klymak, PhD (Washington)
  Physical oceanography
Pavel Kovtun, PhD (Washington)
  Theoretical particle physics
Robert V. Kowalewski, PhD (Cornell)
  Experimental particle physics
Michel Lefebvre, PhD (Cambridge)
  Experimental particle physics
Julio F. Navarro, PhD (Universidad Nacional de Córdoba)
  Astronomy and astrophysics
Maxim Pospelov, PhD (Budker)
  Theoretical particle physics and cosmology
Adam Ritz, PhD (Imperial College)
  Theoretical particle physics
J. Michael Roney, PhD (Carleton)
  Experimental particle physics
Geoffrey M. Steeves, PhD (Alberta)
  Experimental condensed matter physics
Kimberley A. Venn, PhD (Texas-Austin)
  Astronomy and astrophysics
Jon P. Willis, PhD (Cambridge)
  Astronomy and astrophysics

Adjunct and Emeritus Faculty
David Andersen, PhD (Pennsylvania State)
  Astronomy and astrophysics
William Ansbacher, PhD (Otago)
  Medical physics
Cynthia Araujo, PhD (British Columbia)
  Medical physics
Parminder Basran, PhD (Calgary)
  Medical Physics
Wayne A. Beckham, PhD (Adelaide)
  Medical physics
George A. Beer, PhD (Saskatchewan)
  Nuclear physics
John P. Blakeslee, PhD (Massachusetts Institute of Technology)
  Astronomy and astrophysics
Erika Chin, PhD (British Columbia)
  Medical physics
Fred. I. Cooperstock, PhD (Brown)
  General relativity and astrophysics
Patrick Côté, PhD (McMaster)
  Astronomy and astrophysics
David Crampton, PhD (Toronto)
  Astronomy and astrophysics
James Di Francesco, PhD (Texas)
  Astronomy and astrophysics
Isabelle Gagné, PhD (Alberta)
  Medical physics
Alexander Gottberg, PhD (Freie Universität Berlin)
  Accelerator physics
GRADUATE PROGRAMS

Experimental nuclear and particle physics
Arthur Olin, PhD (Harvard)
David Morrissey, PhD (Chicago)
Ante Mestrovic, PhD (British Columbia)
Nikolitsa (Lia) Merminga, PhD (Michigan)
Robert McPherson, PhD (Princeton)
Alan W. McConnachie, PhD (Cambridge)
Christian Marois, PhD (Montreal)
Bob Laxdal, MSc (Saskatchewan)
Shane M. Koscielniak, PhD (Oxford)
Akira Konaka, PhD (Kyoto)
J.J. Kavelaars, PhD (Queen's)
Doug Johnstone, PhD (University of California, Berkeley)
Andrew I. Jirasek, PhD (British Columbia)
Werner Israel, PhD (Trinity)
John Hutchings, PhD (Cantab)
Robert E. Horita, PhD (British Columbia)
Cornelia Hoehr, PhD (Ruprecht-Karls-Universität, Heidelberg)
Luc Simard, PhD (Victoria)
David Schade, PhD (Victoria)
Colin D. Scarfe, PhD (Cambridge)
David Schade, PhD (Victoria)
Luc Simard, PhD (Victoria)

Theoretical particle physics

Medical physics

Accelerator Physics

Experimental particle physics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Astronomy and astrophysics

Theoretical astrophysics

FAKIA K. FLEET, PhD (FLEET)
Astronomy and astrophysics

Don A. VandenBerg, PhD (Australian National University)
Astronomy and astrophysics

Jean-Pierre Véran, PhD (École Nationale Supérieure des Télécommunications - Paris)
Astronomy and astrophysics

Arthur Watton, PhD (McMaster)
Nuclear magnetic resonance in solids and liquids

Derek M. Wells, PhD (Clemson)
Medical physics

Stephenson Yang, PhD (British Columbia)
Astronomy and astrophysics

Sergei F. Zavgorodni, PhD (Tomsk, Russia)

Randall J. Sobie, PhD (Toronto)
Experimental particle physics

Peter Stetson, PhD (Yale)
Astronomy and astrophysics

Edward L. Tomusiak, PhD (McGill)
Theoretical nuclear and particle physics

Isabel Trigger, PhD (Montréal)
Experimental particle physics

Areas of Study and Facilities

Astronomy and Astrophysics: Faculty research interests include galaxy formation and evolution, clusters of galaxies, large-scale structure, computational astrophysics, galactic structure, stellar structure and evolution, gravitational lensing and stellar chemistry. The Astronomy Group benefits from close relations with the nearby Herzberg Institute of Astrophysics, its staff, telescopes (1.2m and 1.8m), and instrumentation. Faculty and students also have access to Canadian facilities such as the Canada-France-Hawaii 3.6m Telescope, the James Clerk Maxwell mm/submm Telescope, the Atacama Large Millimetre Array and the Gemini twin 8m telescopes.

Condensed Matter Physics: Condensed Matter Physics is the study of materials and their properties. The main focus at the University of Victoria is on nanoscale physics, in which the physical properties of magnetic, semiconductor and superconducting materials are studied on the nanometer range, that is, a bit larger than the size of individual atoms. Nanoscale physics is a new and rapidly developing field that encompasses both fundamental studies and applications. Current research activities include ultrafast magnetic imaging using modern femtosecond laser techniques, in-situ studies of magnetic properties of both thin film and nanostructured magnetic materials, computational magnetic microscopy, semiconductor spintronics and quantum information, dynamics of superconducting materials on nanometer length scales, and time-resolved and spin-polarized scanning tunneling microscopy.

Experimental Particle Physics: The particle physics group is engaged in research at facilities around the world and, as one of the designers and builders of the TRIUMF facility in Vancouver, it benefits from interactions with TRIUMF physicists and access to TRIUMF facilities. The current activities of the group include the operation of the BABAR detector at...
SLAC and analysis of the data collected with it; detector construction and physics studies for the ATLAS experiment at CERN; detector research and development projects associated with the T2K long-baseline neutrino experiment and future e+e- linear colliders; and development and deployment of grid computing.

**Medical Physics:** Application of radiation (photons and electrons) to the treatment and diagnosis of disease. Project areas include the development and application of Monte Carlo based dose calculations, 3D radiation dosimetry, intensity modulated radiation therapy, portal imaging, radionuclide therapy, and the application of spectrometric techniques for treatment monitoring. Work is carried out in conjunction with the Vancouver Island Cancer Centre of the BC Cancer Agency in Victoria and the life science program at TRIUMF in Vancouver.

**Ocean Physics and Geophysics:** Research is conducted in the department and also in association with the School of Earth and Ocean Sciences at UVic and at the nearby Institute of Ocean Sciences, the Pacific Geoscience Centre, and the Canadian Centre for Climate Modelling and Analysis. Current ocean physics activities include observational and theoretical studies of ocean mixing, air-sea interaction, estuarine circulation, breaking waves and bubble clouds, and the investigation of many topics related to the analysis and modelling of interannual variability of the earth's climate. The program includes applications to programs of societal concern as well as basic research.

**Theoretical Physics:** Current areas of research focus on questions in particle and astroparticle physics: the physics of the electroweak scale, the nature of dark matter, and the role of particle physics in the early universe. Further research areas include more formal study of strongly interacting regimes of quantum field theory and fluid dynamics, using various techniques e.g. from string theory. The group has links with TRIUMF, and the Perimeter Institute.

**Financial Support**
See <www.phys.uvic.ca>.

Students admitted to the MSc and PhD program in Physics and Astronomy have access to a funding package that may include: University of Victoria Awards, Research Assistantships (RAs), Teaching Assistantships (TAs) and various Donor Awards. Students eligible for external funding (e.g. from NSERC) are encouraged to apply. The Department operates under a set of financial support rules which provide guaranteed funding for all students, based on satisfactory performance and progress, for up to 2 years for an MSc and up to 5 years beyond the BSc level for those in the PhD program.

Please contact the graduate adviser of the department for additional details.

**ADMISSION REQUIREMENTS**
See <www.phys.uvic.ca>.

**Admission To MSc Programs**
The normal prerequisite for all programs is a (UVic equivalent) Honours degree in Physics, Astronomy or related subjects. Students admitted to the MSc program, but with backgrounds judged to be less than that of a UVic Honours degree (e.g. a Major degree), are normally required to take additional undergraduate courses in Physics, Astronomy and Mathematics to satisfy the stated prerequisite.

**Admission To PhD Programs**
The normal prerequisite for all programs is a (UVic equivalent) MSc degree in Physics, Astronomy or related subjects. Students already registered in the UVic MSc program may have the opportunity to enter the PhD program directly via the MSc-to-PhD transfer process. See <www.phys.uvic.ca> for further details and requirements.

**Admission to the GCMP Program**
The normal prerequisite is a PhD in Physics (or related areas) from a recognized post-secondary institution. The CAMPEP accredited Graduate Certificate in Medical Physics is a two-term program of study for students with a PhD in Physics wishing to transition to a clinical career in Medical Physics. Students completing this program will be qualified to enter CAMPEP-accredited residency programs.

**International applicants**
Applicants for MSc programs who completed their undergraduate degree at a non-Canadian university are normally expected to take the Graduate Record Examination (GRE), General and Subject exams, and submit the results to the Graduate Admissions and Records Office. Applicants for MSc, PhD or GCMP programs whose native language is not English must also satisfy the English Competency Requirement for the Faculty of Graduate Studies (see “Faculty Admissions”, page 25, for details). Students with this qualification may still be required to complete English language courses along with their program-related course work.

**PROGRAM REQUIREMENTS**
See <www.phys.uvic.ca>.

Students registered in the graduate program are expected to make satisfactory progress in the program of research and coursework agreed to with their supervisor and supervisory committee. Students may also apply for Teaching Assistantships (TAs) as part of their financial package.

**Grades**
Graduate students must maintain a cumulative GPA of at least 5.0 (B) for all required courses (namely those specified by the student’s supervisory committee as part of the program). Individual course grades of B- or below are considered unsatisfactory and trigger a notification of Faculty of Graduate Studies grade requirements, with a subsequent review and recommendation for action by the supervisory committee.

**Candidacy Exam**
The candidacy exam (PHYS 693) is required of all PhD students and is normally taken within the first 18 months of, and no later than two years after, a student’s first registration in (or transfer to) the PhD program.

**Thesis**
The thesis requirement for MSc and PhD degrees (PHYS 599 or PHYS 699) applies to all students, independent of program concentration. All registrations in PHYS 699 must be accompanied by registration in PHYS 693 until 693 has been passed.

**MSc in Physics**

**Program Requirements**
PHYS 500A and 502A plus an additional 3.0 units chosen from the PHYS graduate course list .................................................. 6.0
Additional courses as required .......................................................... 3.0
Colloquium PHYS 560 .................................................................. 0.0
Thesis (normally 6.0 units) PHYS 599 ............................................. 6.0
Final oral examination

**Total (minimum) ................................................................. 15.0**

**MSc in Physics — Concentration in Astronomy**

**Program Requirements**
ASTR 561 .................................................................................. 1.5
A minimum of 4.5 units chosen from Physics and/or Astronomy graduate courses ...................................... 4.5
Additional courses, as required .................................................. 1.5
Program Requirements
Colloquium ASTR 560 .......................................................... 0.0
Thesis PHYS 599 ................................................................. 7.5
Final oral examination

Total (minimum) ........................................................................ 15.0

MSc in Physics — Concentration in Ocean Physics
Program Requirements
Normally a minimum of 6 graduate course units including PHYS 500A and 502A ........................................... 6.0
Additional undergraduate or graduate courses as required (minimum) ................................................................. 3.0
(Students lacking the appropriate background in fluid dynamics or electromagnetic theory may be required to complete further undergraduate courses as part of or in addition to the above requirement.)

Colloquium PHYS 560 ......................................................... 0.0
Thesis (normally 6.0 units) PHYS 599 ........................................... 6.0
Final oral examination

Total (minimum) ........................................................................ 15.0

MSc in Physics — Concentration in Medical Physics
Program Requirements
PHYS 534, 539, 540, 544, 545, 546 ................................................... 7.0
Additional courses, normally at the graduate level ................................................................. 3.0
Colloquium PHYS 560 .......................................................... 0.0
Thesis (normally 6.0 units) PHYS 599 ........................................... 6.0
Final oral examination

Total (minimum) ........................................................................ 16.0

PhD in Physics
Program Requirements
1. Such other courses as required by the supervisory committee, with the total number of course units beyond the BSc level being normally at least 12.0 (of which at least 9.0 must be graduate) and including the core courses (PHYS 500A, 502A), or their equivalent.
2. Colloquium PHYS 560 (0.0 units).
3. Satisfactory completion of a candidacy examination, PHYS 693 (3.0 units).
5. Final oral examination.

PhD in Physics — Concentration in Astronomy
Program Requirements
1. ASTR 661 (1.5).
2. Other courses as required by the supervisory committee, with the total number of course units beyond the BSc level, excluding ASTR 561, 661 or equivalent, being normally at least 7.5 (of which at least 6.0 must be graduate).
3. Colloquium ASTR 560 (0.0 units).
4. Satisfactory completion of a candidacy examination, PHYS 693 (3.0 units).
5. Dissertation (normally 30 units) PHYS 699.
6. Final oral examination.

PhD in Physics — Concentration in Medical Physics
Program Requirements
1. Courses as required by the supervisory committee, with the total number of course units beyond the BSc level being normally at least 13, and including at least one PHYS 500-level course in addition to the MSc requirements.
2. Colloquium PHYS 560 (0.0 units).
3. Satisfactory completion of a candidacy examination, PHYS 693 (3.0 units).
5. Final oral examination.

PhD in Physics — Concentration in Ocean Physics
Program Requirements
1. Such other courses as required by the supervisory committee to bring the total of graduate course units beyond the BSc level to at least 12, of which at least 9 units must be graduate.
2. Colloquium PHYS 560 (0.0 units).
3. Satisfactory completion of the Candidacy examination, PHYS 693 (3.0 units).
5. Final oral examination.

Graduate Certificate in Medical Physics
Program Requirements
1. PHYS 534, 535, 539, 540, 544 and 545 (8.0 units).
2. Graduation requires completion of all required courses with a minimum grade of B.

CO-OPERATIVE EDUCATION
Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Physics and Astronomy Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Political Science

GENERAL INFORMATION
Contact Information
Department of Political Science
Location: David Turpin Building, Room A316
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PO Box 1700 STN CSC
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David Turpin Building A316
Victoria, BC V8P 5C2
Canada
Telephone Number: 250-721-7486
Fax Number: 250-721-7485
Faculty Members and Areas of Research

Colin J. Bennett, PhD (Illinois)
Comparative politics and public policy (advanced industrial countries); American government and politics; information and communications policy

Michelle Bonner, PhD (Toronto)
Comparative politics; Latin American politics; democratization; human rights; social movements; police violence and reform; gender and politics

Marlea Clarke, PhD (York)
African Politics (South and Southern Africa focus), political economy of development, labour and social movements, employment and labour market restructuring, globalisation and democratisation in Africa, gender and politics

A. Claire Cutler, PhD (UBC)
International relations theory; international law and organization; private international trade law; international political economy; dispute resolution

Rita Kaur Dhamoon, PhD (UBC)
Identity/difference politics and power, including multicultural policies and theories, culture and politics, nation-building, gender politics and feminism, intersectionality, critical race theory, post-colonial and anti-colonial politics, solidarity politics, citizenship and democratic politics, with specialized focus on Canada

Avigail Eisenberg, PhD (Queen’s)
Democratic theory including pluralism, feminism and minority rights; Canadian politics including constitutional law and politics, minority groups, human rights and civil liberties

Simon Glezos, PhD (John Hopkins)
Comparative politics: IR Theory; Speed and Technology; Theories of the State; Theories of Political Violence; Globalization; Contemporary Information Technologies; Capitalism and Resistance

Matt James, PhD (UBC)
Canadian constitutionalism and citizenship, Canadian politics, social movements, prestige, political theory

Arthur Kroker, PhD (McMaster)
Technology, culture and theory; contemporary French and German political theory; Canadian political and social thought; ethics and biotechnology

James (Jamie) Lawson, PhD (York)
Canadian Politics and Public Policy; natural resource policy and politics; environmental policy and politics; forest policy and politics; Canadian political economy; indigenous/ newcomer relations; historical and geographical approaches to politics; philosophy of history

Oliver Schmidtke, PhD (European Univ. Inst., Florence)
Citizenship and Immigration; identity politics; comparative politics; xenophobia and racism; European integration

Heidi Kiiwetinepinesiik Stark, PhD (Minnesota)
Comparative Indigenous Politics, Aboriginal and Treaty Rights, Federal Indian Policy, and Indigenous Law

Reeta Tremblay, PhD (Chicago)
Comparative Politics and Comparative Federalism, South Asian Political Economy, Nation-State and Secessionist Movements in India and Indian Popular Cinema

Amy C. Verdun, PhD (European University Institute, Florence)
European integration studies; monetary integration; European integration theory; European comparative politics; international political economy; international relations

R. B. J. (Rob) Walker, PhD (Queen’s)
Contemporary social and political thought; theories of discourse, ideology and culture; philosophy of social science; international political theory; concepts of space and time in political thought; modernity/postmodernity

Scott Watson PhD (UBC)
International relations theory; international security; migration and refugee policy; securitization theory

Michael C. Webb, PhD (Stanford)
International political economy; globalization and governance; Canadian foreign policy

Andrew Wender, PhD (UVic)
Middle East politics; interconnections among religion, politics, society, and culture within the Middle East and globally; political thought within historical contexts; comparative political thought; politics in relation to world history

Guoguang Wu, PhD (Princeton)
Comparative politics (developing, authoritarian, and communist countries), liberalization and democratization, East Asian politics, China, Hong Kong, Taiwan, Asia-Pacific international relations, Chinese political thought

Feng Xu, PhD (York)
Chinese politics, comparative politics (East Asia); gender politics (especially East Asia); migration and citizenship; national and diaspora identities; policy ideas, translation theory and global hegemony

Degrees and Specializations Offered

The Department of Political Science offers a program of study leading to the degrees of Master of Arts and Doctor of Philosophy in Political Science.

The MA program provides an opportunity for advanced research in most areas of Political Science. The PhD program is especially appropriate for students interested in any of the seven areas:

- Contemporary Political Theory
- International and Transnational Politics
- Democratic Constitutionalism
- Comparative Public Policy and Governance
- Cultural, Social and Political Thought
- Politics of the Global South
- Indigenous Nationhood

Full information on supervisory resources and Political Science courses can be found on the department’s website.

Facilities, Research Centres and Internships

In addition to the range of courses and faculty expertise within the department, the program has many interdisciplinary resources and opportunities. Students are encouraged to take at least one course outside of the department. There is an extensive expertise on political issues in other departments, including Indigenous Governance, Law, Philosophy, Gender Studies, History, Environmental Studies and Public
Administration. In addition, all seven areas of concentration in the PhD program are deeply embedded in interdisciplinary perspectives. For example, Democratic Constitutionalism involves collaboration among the Departments of Philosophy, Political Science and Law; Cultural, Social and Political Thought combines perspectives from Anthropology, English, History, Political Science and Sociology; Comparative Public Policy and Governance draws on resources from Political Science and Public Administration; Indigenous Nationhood draws on resources from Indigenous Governance, Law, and Political Science.

A full slate of seminars, colloquia, lectures and conferences provide many excellent opportunities for collegial interaction among graduate students and between graduate students and faculty. These include the Victoria Colloquium on Political, Social and Legal Theory which students may take for course credit. This colloquium involves the interaction of theorists with international reputations and students from a variety of disciplines.

The department also has strong ties with various research centres on campus, including the Centre for Pacific and Asian Initiatives, the Centre for Global Studies, the Centre for European Studies and the Centre for Studies in Religion and Society.

The department also collaborates in the administration of British Columbia’s Legislative Internship Program. Interns may receive a two-course (3 unit) credit for a research report related to their work (POLI 580) which they are required to submit to a two-member examination committee of the department. This program is open only to selected graduates of British Columbia universities, who must apply to the program and are chosen on a competitive basis. Further information is available at: <www.leg.bc.ca/content-peo/Pages/Legislative-Internship-Program.aspx>.

Financial Support

Political Science students are eligible for University of Victoria Fellowships. In addition, the department offers several scholarships of varying amounts. Students are automatically considered for internal scholarships and they are awarded on a competitive basis. The department also offers teaching and research assistantships, which are also awarded on a competitive basis, with priority given to incoming students. All candidates applying to our master’s program by the January 15th deadline are automatically considered for a teaching assistantship.

Admission to the Master’s Program

The normal minimum for admission to the MA program is a Bachelor of Arts (BA) preferably in Political Science, with an average of B+ (6.0 GPA) in the final two full years of study leading to this degree. Students without a strong background in Political Science may be considered for admission upon completing a non-degree undergraduate unclassified year of course work in upper-level political science courses and attaining first-class standing.

Admission to the PhD Program

The normal minimum for admission to the PhD program is an MA in Political Science with an average of A- in all Political Science graduate courses. The department will only consider applicants who are interested in one of the six areas of concentration: Contemporary Political Theory; International and Transnational Politics; Democratic Constitutionalism; Comparative Public Policy and Governance; Cultural, Social and Political Thought; Politics of the Global South.

Concentration in Cultural, Social and Political Thought (CSPT)

This interdisciplinary program is open to selected MA and PhD students in English, Environmental Studies, History, Political Science and Sociology. Students must apply online, choosing the Concentration in Cultural, Social and Political Thought option for Political Science. If approved by the department, the application will be reviewed by the CSPT Admissions Committee. Only students already accepted into an MA or PhD program in English, Environmental Studies, History, Political Science or Sociology may be admitted to CSPT. For full information about the program see <www.uvic.ca/socialsciences/politicalscience/graduate/cspt/index.php >.

Students must meet the core graduating requirements of the individual departments as well as specific requirements of the CSPT program.

See also the entry for Concentration in “Concentration in Cultural, Social and Political Thought (CSPT)”, page 3.

Graduate Certificate in Indigenous Nationhood

The Graduate Certificate in Indigenous Nationhood (IN) provides an opportunity for students to specialize and focus on the intersections of governance, politics and law for indigenous peoples from a multi-disciplinary perspective, with courses taken from Indigenous Governance, Political Science and Law. It may be taken as complementary to an existing graduate degree or as a free-standing certificate (see Graduate Certificate in Indigenous Nationhood). A central aim of the certificate is to train students at an advanced level in the theoretical, methodological and applied aspects of the emerging field of Indigenous Nationhood in ways that will enable them to be future researchers and engaged community members and scholars.

Students must consult the IN Program Director and normally do so at the time of their application for their MA or PhD programs (if applicable). Applicants to the Graduate Certificate in Indigenous Nationhood must submit an additional and separate application to the IN Certificate program.

Deadlines and Entry Points

To be given full consideration for admission and funding, all domestic applicants are asked to apply by January 15 for September admission. International applicants must apply by December 15. The admissions process closes on May 15. Both the MA and PhD programs have September entry points.

Program Requirements

All programs must be approved by the graduate adviser to ensure balance and focus in each student’s program.
Master’s Program

The Political Science department offers only a thesis option MA program, which includes 6 units of course work and a thesis worth 9 units. The Master’s program is designed to be completed in 12 months. Part-time study is permitted, but the degree must be completed within five years of the initial registration.

Course Requirements

All MA students are required to complete four 1.5 unit courses. At least two of these courses (3 units) must be taken from the following list of field seminars: POLI 507, 508, 516, 540. Students may take one course (1.5 units) that is either a senior undergraduate course (300 or 400 level), a directed readings course (POLI 590) or a graduate course offered by another department. Students may take the remaining course (1.5 units) from other graduate courses offered in the department.

Master’s Thesis

All MA students are required to write a Master’s thesis (POLI 599) worth 9 units which is no longer than 100 pages and which they defend through an oral examination conducted by their supervisory committee and an examiner chosen from outside the Political Science department. Full-time students are required to have a thesis proposal approved by their supervisory committee by May 15 of the academic year in which they entered the program.

Summary of Requirements

Field Seminars (POLI 507, 508, 516, 540) ........................................ 3.0
Elective courses ................................................................................. 1.5
Thesis proposal complete Thesis (POLI 599) ...................................... 9.0
Total .................................................................................................... 15.0

MA Program with CSPT

CSPT Master’s students must complete 7.5 units of course work. Students must complete POLI 509 (1.5 units), a field seminar drawn from the following list: POLI 507, 508, 516, 540 (1.5 units); one additional graduate seminar in Political Science (1.5 units); and two CSPT graduate seminars (3.0 units). Students must also complete a MA thesis worth 9 units. The topic must be within the field of CSPT. At least two members of the examining committee must be drawn from the faculty members affiliated with the CSPT program.

Summary of Requirements

POLI 509 ............................................................................................... 1.5
Field seminars (POLI 507, 508, 516, 540) ........................................... 1.5
POLI elective course ............................................................................ 1.5
CSPT graduate seminars ................................................................. 3.0
Thesis proposal .................................................................................. 9.0
Total .................................................................................................... 16.5

Master of Arts Program with Graduate Certificate in Indigenous Nationhood (IN)

MA students who wish to complete the IN Graduate Certificate must complete IN 601 (1.5 units); two field seminars drawn from the following: POLI 507, 508, 509, 516, 540 (1.5 units); three approved IN electives (1.5 units in each of IGOV, POLI, and LAW); and IN 697 (1.5 unit capstone course).

Students must complete an MA thesis worth 9.0 units. The topic must be within the field of Indigenous Nationhood. At least two members of the examining committee must be drawn from the faculty members affiliated with the IN Graduate Certificate.

Summary of Requirements

IN 601 ..................................................................................................... 1.5
Two of POLI 507, 508, 509, 516, 540 .............................................. 3.0
POLI approved elective ..................................................................... 1.5
IGOV approved elective ................................................................. 1.5
LAW approved elective .................................................................. 1.5
IN 697 ................................................................................................. 1.5
Thesis Proposal
POLI 599 ............................................................................................. 9.0
Total ..................................................................................................... 19.5

PhD Program

PhD candidates are required to complete 42.0 units in accordance with the following program:

Course Requirements

All PhD students are required to complete six 1.5 unit graduate courses beyond the MA degree, including POLI 600 (Professional Development Seminar). Students must choose two field seminars (3 units) (POLI 607, 608, 609, 616, 640, CSPT 601, IN 601), one in each of the areas in which they will be taking a candidacy examination. Students electing to take the candidacy examination in Comparative Policy and Governance (jointly administered with the School of Public Administration) must take POLI 607, Poli 610 and one other field seminar. Students must also complete POLI 693 (Candidacy Examination—3.0 units). Students may be required to complete an additional course in methodology at the request of their supervisory committee. The remaining elective courses may be taken from PhD seminars offered by the department. Students may also choose to take one graduate course (1.5 units) (and no more than two graduate courses) from outside the Political Science department. Students must pass all course work with at least a B+ average before proceeding to the field examinations.

Professional Development Seminar

POLI 600 is a compulsory seminar worth 1.5 units for PhD students in Political Science that runs from September until April. Students are introduced to the professional aspects of the discipline including: how to write grant applications, how to teach effectively, how to design a syllabus and a CV, how to contribute to the administrative and intellectual community in their department and in political science more broadly.

Candidacy Examinations

Field seminars will help prepare students for candidacy written and oral examinations. Readings for the candidacy exams will be broader than the course work and will be determined according to reading lists drawn up by the faculty in the field being examined and in consultation with the student. Students must successfully complete candidacy examinations in two of the following fields: Canadian Politics, Comparative Politics, International Relations, Political Theory. Students may substitute one of these examinations for an interdisciplinary examination in Comparative Policy and Governance; Cultural, Social and Political Thought; or Indigenous Nationhood.

Dissertation

Within three to six months after passing the candidacy examinations, students are required to write and orally defend a dissertation proposal before their supervisory committee. The proposal and oral defense must be considered satisfactory before the student may proceed to the dissertation. All students are required to submit and orally defend a dissertation worth 30 units of credit.
SUMMARY OF REQUIREMENTS

**PhD Program with CSPT**

CSPT doctoral students must meet the core requirements of their own department as well as the specific requirements of the CSPT program. A CSPT PhD student must complete 9.0 units of course work including POLI 600 (Professional Development Seminar). Students must complete POLI 609 (1.5 units), CSPT 601 (1.5 units); two other graduate courses in Political Science (3.0 units), and one other CSPT course or a related subject approved by the CSPT program director.

Students must write a dissertation that meets the requirements of both the Department of Political Science and the CSPT program. The topic must be within the field of CSPT. At least two members of the examining committee must be affiliated with the CSPT program.

Students enrolled in the CSPT program must successfully complete a candidacy examination in CSPT.

**Summary of Requirements**

- POLI 609 ................................................................. 1.5
- CSPT 601 ............................................................... 1.5
- Other POLI Graduate Seminars .......................... 3.0
- CSPT Graduate Seminar ..................................... 3.0
- Professional Development Seminar (POLI 600) ... 1.5
- POLI 693 ................................................................. 3.0
- Completion of two Candidacy Examinations
- Dissertation Proposal
- Dissertation (POLI 699) ......................................... 3.0

**Total** ........................................................................ 42.0

**PhD Program with Graduate Certificate in Indigenous Nationhood**

PhD students who wish to complete the IN Graduate Certificate must complete IN 601 (1.5 units), one other POLI field seminar (1.5 units), one other graduate course in POLI (1.5 units), and three preapproved IN electives (1.5 units in each of IG0V, LAW, and POLI).

Students must successfully complete Candidacy requirements, which consist of two examinations. One examination will be in one of the following fields: Canadian Politics, Comparative Politics, International Relations, or Political Theory, and one examination will be in Indigenous Nationhood. Students will be registered in POLI 693 (3.0 units) while completing these exams. They must also write a dissertation that meets the requirements of both the Department of Political Science and the IN Graduate Certificate. The topic must be within the field of Indigenous Nationhood. At least two members of the examining committee must be affiliated with the IN Graduate Certificate.

**Summary of Requirements**

- IN 601 ..................................................................... 1.5
- One of POLI 607, 608, 609, 610, 616, 640 ............. 1.5

**Co-operative Education**

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for full-time Master's and PhD students. Master's students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic advisor and graduate advisor, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Political Science Co-op office before the second week of their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

**PsyCHOLOGY**

**GENERAL INFORMATION**

The Department of Psychology offers programs leading to the degrees of Master of Science and Doctor of Philosophy. We offer training to the PhD degree in five areas of specialization: Clinical Psychology (with specialization in Neuropsychology or Lifespan Development), Cognition and Brain Science, Experimental Neuropsychology, Lifespan Development, and Social Psychology. In addition, individual areas of study leading to the MSc or PhD degree may be designed according to the interests of individual students and faculty members. The clinical psychology training program is fully accredited by the Canadian Psychological Association. (Prior to Dec. 31, 2014, the program had also been accredited by APA, which no longer accredits Canadian programs).

The programs are designed to provide students with:

- knowledge and training in their area of specialization
- the skills necessary to conduct and communicate the results of new research and to work co-operatively with others in a research environment; and
- opportunities to gain practical experiences in various aspects of professional psychology.

The PhD involves at least two years of study beyond the master’s degree, of which at least one entire Winter Session must be as a full-time student.

For more information, please see our website.

**Contact Information**

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Chair: Dr. Ulrich Mueller
Email: psycchair@uvic.ca
Phone:................................................................................... 250-721-7524
Acting Graduate Adviser: Dr. Daniel Bub
Email: psychgrad@uvic.ca
Phone:............................................................ 250-721-7527
Graduate Secretary: Karen Kienapple
Email: psychgrad@uvic.ca
Phone:................................................................................... 250-721-6109

Facility Members and Areas of Research

C. A. Elizabeth Brimacombe, PhD (Iowa State)
Eyewitness testimony, social psychology, social cognition

Daniel N. Bub, PhD (Rochester)
Normal object identification, category-specific agnosia, semantic memory, face recognition

Catherine L. Costigan, PhD (Michigan)
Clinical psychology, children and adolescents, families, immigration, culture/ethnicity, children with disabilities

Marion F. Ehrenberg, PhD (Simon Fraser)
Clinical psychology, parenting and adjustment in divorcing families, professional issues in child custody and access

Mauricio A. Garcia-Barrera, PhD (U of Georgia)
Executive functions, prefrontal cortex development, neuropsychological assessment, ADHD

Jody Gawryluk, PhD (Dalhousie)
Clinical neuropsychology, neuroimaging, functional magnetic resonance imaging, changes in brain structure/function in disorder and recovery

Robert Gifford, PhD (Simon Fraser)
Environmental, social-personality

Frederick M.E. Grouzet, PhD (UQAM)
Social psychology, positive psychology, human motivation and self-regulation, life goals and social values, self-determination theory, psychological well-being and happiness, pro-social and pro-environmental behaviours, cultural and life transition, posttraumatic growth.

Scott M. Hofer, PhD (U of Southern California)
Cognitive aging, developmental methodology, longitudinal studies, lifespan development

Clay B. Holroyd, PhD (U of Illinois at Urbana-Champaign)
Neurobiological mechanisms of cognitive control, error detection and correction

Adam Krawitz, PhD (Michigan, Ann Arbor)
Cognitive neuroscience, working memory, executive control, decision-making, functional magnetic resonance imaging, computational modelling

Christopher E. Lalonde, PhD (British Columbia)
Social-cognitive development in childhood, children’s theories of mind, identity development, cultural influences on development

Bonnie J. Leadbeater, PhD (Columbia)
Developmental psychopathology, depression, teen parenting, problem behaviours, victimization and injury prevention

D. Stephen Lindsay, PhD (Princeton)
Memory and cognition, subjective phenomenology of cognition, eyewitness memory

Stuart W.S. MacDonald, PhD (UVic)
Cognitive aging, life-span development, predictors of cognitive decline, analysis of change

Michael E. Masson, PhD (Colorado)
Cognitive psychology, memory, language comprehension, object identification, skill acquisition and computational models

Catherine A. Mateer, PhD (Western Ontario)
Clinical neuropsychology, cognitive rehabilitation, memory, attention and executive function, brain injury

Sarah Macoun, PhD (UVic)
Clinical neuropsychology, attention and executive function; intervention and rehabilitation of cognitive processes

Ulrich Mueller, PhD (Temple)
Development of executive function, social-communicative development, role of language in social-cognitive development, history of developmental psychology

Andrea M. Piccinin, PhD (USC)
Statistical methods for longitudinal data, cognitive development, aging

Marsha G. Runz, PhD (Manitoba)
Clinical psychology, child maltreatment, family violence, women’s health

John Sakaluk, PhD (University of Kansas)
Social Psychology, close relationships and sexuality, methodology and advanced statistics

Colette Smart, PhD (Loyola, Chicago)
Clinical neuropsychology, cognitive rehabilitation, mindfulness, attention and emotion regulation, older adults, acquired brain injury

Danu A. Stinson, PhD (Waterloo)
Self-esteem, relationships, health

Timothy Stockwell, PhD (London, UK)
Prevention of alcohol and other drug-related harm, alcohol and other drug policy, measurement of alcohol consumption and related harms

James W. Tanaka, PhD (Oregon, Eugene)
Face recognition, expert object recognition, human electrophysiology, autism

Holly Tuokko, PhD (UVic)
Clinical neuropsychology, clinical aging, cognitive decline, competence, mental health

Brianne Turner, PhD (Simon Fraser)
Clinical psychology, self-injury, suicide, self-destructive behaviours, dialectical behaviour therapy

Erica Woodin, PhD (Stony Brook)
Clinical psychology, domestic violence, substance abuse, prevention

Degrees and Specializations Offered
• Master of Science in Clinical Psychology
• Master of Science in Psychology
• Doctor of Philosophy in Clinical Psychology
• Doctor of Philosophy in Psychology
GRADUATE PROGRAMS

Facilities
Our department has the following facilities for training and research.
• Psychology Clinic
• The Brain and Cognition Laboratory
• The Human Interaction Lab

Financial Support
All applicants are considered for University fellowships, but there are many more qualified applicants than there are awards. A limited number of teaching assistantships are available from the department during the Winter and Summer sessions. Some faculty members employ students as research assistants. All eligible students are encouraged to apply for funding from other sources such as NSERC, SSHRC, or CIHR, Alzheimer’s Society of Canada.

The Psychology department strives hard to provide at least some financial assistance to all graduate students in the programs. These are typically in the form of teaching and research assistantships. University of Victoria fellowships and awards are available on a competitive basis. For a summary of various sources of support available to graduate students in Psychology, please see Appendix B in the Graduate Program Regulations document at: http://www.uvic.ca/socialsciences/psychology/assets/docs/current/gradRegs.pdf. Specific programs (e.g., Cognition and Brain Science) have financial “packages” for graduate students. For the most up-to-date information, please see our website. All eligible graduate students are expected to apply for funding from provincial, federal and other external sources during their tenure in the graduate program.

ADMISSION REQUIREMENTS

General
An undergraduate degree in psychology or its equivalent with at least a B+ (6.0 GPA) average in the last two years leading to the degree is recommended. Applicants should have taken at least one course in applied statistics and courses in major areas of psychology such as learning/cognition, physiological/neuropsychology, and social/personality/abnormal psychology. Students whose first language is not English must take the Test of English as a Foreign Language and receive a score of at least 600 on the paper-based test.

Graduate Record Examination
Under typical circumstances, applicants must provide scores from the General Test (verbal, quantitative, and analytical writing sections) of the Graduate Record Examination (GRE) unless an exemption is sought and approved by the department Graduate Executive committee. No specific cut-off scores are used to determine acceptability.

Personal Letter
Applicant must also provide a personal letter that:
• identifies the primary area of specialization desired
• describes areas of research interest
• names at least two faculty members with whom the applicant wishes to work
• gives details of current activity (e.g., courses in progress)
• indicates whether financial support will be required

Admission requires that a faculty supervisor is available.

Clinical Psychology Applicants
Applicants intending to pursue clinical training with specialization in neuropsychology or lifespan development must declare their intent at the time of application under Field of Study. Such applicants will then be reviewed by the admissions committee for the clinical program based on:
• background, interest and experience
2. competitiveness of transcripts with other applicants for clinical training
3. a personal interview focusing on interests and suitability for clinical training

The academic progress and clinical aptitude of students admitted to clinical training will be reviewed annually.

Students providing psychological services to children and other vulnerable individuals at the Psychology Clinic and at practicum settings in the community will be required to complete a Criminal Record Check.

Deadline
Applications are due at the Graduate Admissions and Records Office by December 1st. Students should keep in mind that substantial lead time is required to register for and take the GRE (and, if required, the TOEFL) in time for results to be received within the deadline. For students applying to the Clinical Psychology program, all documents, including GRE scores, must be received by the deadline. For students not applying to the Clinical Psychology program, application documents (e.g., GRE scores) received after the application deadline may be considered, but this is not guaranteed.

The Department of Psychology makes every effort to communicate offers of admission by April 1st.

PROGRAM REQUIREMENTS

All degrees require that students satisfy the Psychology department’s breadth requirement, called Undergraduate Competence Requirement (UCR). Students will be asked to demonstrate competence in the areas listed above (under “Admission Requirements” - “General”) by the end of the first year of graduate studies. Competence may be demonstrated in various ways such as by passing or successfully challenging undergraduate courses or by passing graduate courses.

Master of Science in Clinical Psychology

Course Requirements
PSYC 502: Research Apprenticeship (3.0 units)
Methods and Statistics Requirements (3.0 units):
Lifespan Development Emphasis:
Two of: PSYC 518, 532, 533, and 578 (or equivalent methods course with program approval)
Neuropsychology Emphasis - Either:
Two of PSYC 518, 532, 533; or
One of PSYC 518, 532, 533; and one of: PSYC 504 (topic must be statistics/methods related), 541, 574A, or 574B

Clinical Courses
PSYC 581, 582, 583, 584, 585, 589; 597 (in each of first two winter sessions in residence)

Required Courses for the Neuropsychology Emphasis
PSYC 540

Required Courses for the Lifespan Development Emphasis
PSYC 561

Thesis
A thesis (PSYC 599) is required for all master’s degree programs. The thesis should be based on original research in an established research area (typically in their supervisor’s field). Prior to conducting the research, students are expected to orally present a proposal of their thesis to their supervisory committee. The supervisory committee must approve this proposal before the student can begin the proposed thesis study.
Oral Examination
An oral exam of the completed thesis must be satisfactorily passed.

Program Length
Student should expect to complete all degree requirements in two, but not more than three, years of full-time study.

Manual for the Graduate Program in Clinical Psychology
Students will be issued a Manual for the Graduate Program in Clinical Psychology at the beginning of their MSc programs. This manual details program requirements, rules, and procedures, relevant to the clinical psychology graduate student.

Master of Science in Psychology
Course Requirements
PSYC 502: Research Apprenticeship (minimum 1.5 units)
Graduate-level statistics (3.0 units chosen from listing in departmental Graduate Program Regulations)

Required Courses for the Cognition and Brain Science Track
Two of* PSYC 576A, B, D or E
Minimum of 1.5 units of PSYC 504
PSYC 577 each winter session in residence

Required Courses for the Lifespan Development Track
PSYC 560*, PSYC 561*
One of PSYC 562, PSYC 563, PSYC 568
* If offered during the first or second year of student’s master’s training.

Required Courses for the Social Psychology Track
PSYC 520* (1.5 units); PSYC 527* (1.5 units); 1.5 units of electives (e.g., PSYC 507, 518, 521, 522, 523, 526, 531)
* If offered during the first or second year of student’s master’s training.

Thesis
A thesis (PSYC 599) is required for all master’s degree programs. The thesis should be based on original research in an established research area (typically in their supervisor’s field). Prior to conducting the research, students are expected to orally present a proposal of their thesis to their supervisory committee.

Oral Examination
An oral exam of the completed thesis must be satisfactorily passed.

Program Length
Students should expect to complete all degree requirements in two years of full-time study.

Doctor of Philosophy in Clinical Psychology
Course Requirements
Graduate-level statistics or methods (3.0 units chosen from listing in departmental Graduate Program Regulations): must be different from those taken to fulfill the MSc Methods and Statistics requirements.

Required Courses for the Cognition and Brain Science Track
At least one of PSYC 576A, B, D or E*
Minimum of 1.5 units of PSYC 602; a minimum of 1.5 units of PSYC 604 PSYC 577 each Winter session in residence.
Electives approved by the student’s supervisory committee.
*two courses required if only one taken for MSc

Required Courses for the Lifespan Development Track
PSYC 564 (1.5 units); two of PSYC 562 (1.5 units), PSYC 563 (1.5 units), PSYC 568 (1.5 units)
Electives approved by student’s supervisory committee.

**Required Courses for the Social Psychology Track**

PSYC 527* (1.5 units) and one of PSYC 519* (1.5 units), PSYC 520* (1.5 units) Electives approved by the student’s supervisory committee.

* If offered in first three years in program and not taken in Master’s.

**Candidacy Examinations**

**Major and Minor Exams**

Students have 36 months from the time of first registration in the doctoral program to complete the exams. Students registered in PSYC 699 must also be registered in 693 concurrently until 693 is complete.

**Dissertation**

A dissertation is required for all doctoral degree programs. A dissertation must be based on original research and should be of publishable quality. Prior to conducting the research, students are expected to orally present a proposal of their dissertation to their supervisory committee. The completed dissertation must be satisfactorily defended at an oral exam.

**Program Length**

Students should expect to complete all degree requirements in two to three years of full-time study beyond the MSc.

**Co-operative Education**

Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for full-time Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op co-ordinator, to participate in the Co-op program. Interested students should contact the Psychology Co-op office before the second week of their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

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**Public Administration**

**GENERAL INFORMATION**

Since 1974, the School of Public Administration has been offering innovative and diverse programs for current and prospective practitioners in the public and non-profit sectors. We aspire to be a leading community of students, practitioners, alumni, faculty and staff developing knowledge through teaching, research and professional development.

**Contact Information**

School of Public Administration
Location: Human and Social Development Building, Room A302
Mailing Address:
PO Box 1700, STN CSC
Victoria, BCV8W 2Y2
Canada
Courier Address:
3rd floor, HSD Building
3800 Finnerty Road
Victoria, BCV8P 5C2
Canada Telephone Number: ................................................250-721-8055
Fax Number:.................................................................250-721-8849
Email: padm@uvic.ca
Website: <publicadmin.uvic.ca>
Interim Director: Lindsay Tedds
   Email: padirect@uvic.ca
   Phone: .................................................................250-721-6448
Graduate Adviser: Lynne Siemens
   Email: siemensl@uvic.ca
   Phone: .................................................................250-721-8069
Graduate Administrative Assistant: Judy Selina
   Email: padm@uvic.ca
   Phone: .................................................................250-721-8084

**Faculty Members and Areas of Research**

Lindsay Tedds, PhD (McMaster), Interim Director of the School of Public Administration, Associate Professor
- Underground economy; tax non-compliance; economics of taxation; public economics; time use; timing of stock option awards; applied econometrics

Herman Bakvis, PhD (UBC), Professor
- Intergovernmental relations, government structure and organization, political parties and interest groups

Emmanuel Brunet-Jailly, PhD (U Western Ontario), Professor
- Local government and politics, cross-border regions, comparative urban politics.

J. Barton Cunningham, PhD (Southern California), Professor
- Quality of working life, organizational theory, decision making, stress and motivation, human research management.

Lynda Gagné, PhD (UBC), Assistant Professor
- Child care policy, children outcomes, social programs, applied econometrics and microeconomics

Budd Hall, PhD (UCLA), Professor
- International community development, community-university engagement, social movements

Evert A. Lindquist, PhD (California, Berkeley), Professor
- Machinery of government and policy-making, policy communities and networks, the role of think tanks

James N. MacGregor, PhD (Victoria), Professor
- Organizational behaviour, human information processing

Richard T. Marcy, PhD (Oklahoma), Assistant Professor
- Public sector leadership, leadership development, adaptation and cognition in organizations, management of meaning in organizations

James C. McDavid, PhD (Indiana), Professor
- Program evaluation, performance management, local government service delivery

Tara L. Ney, PhD (Southampton), Associate Professor
- Conflict-related impact of policy, discourse theory and conflict, war-affected children, family law policy, health care policy processes, restorative justice

Lynne Siemens, PhD (Hertfordshire), Associate Professor
- Community development; entrepreneurship and small business; rural economic development; government and business relations; organizational behaviour; academic team development

Kimberly Speers, PhD (Alberta), Assistant Teaching Professor
- Policy analysis and public policy; government relations and management consulting; performance measurement and planning

Thea Vakil, PhD (Victoria), Associate Director of the School of Public Administration and Associate Professor
- Design and maintenance of organizations; structure and functioning of government and the non-profit sector; principles and values in public administration
peaceful societies through their work with public sector and civil society organizations. The MADR program recommends participation in Co-operative Education. For details, see “Dispute Resolution”, page 1.

**Master of Arts in Community Development**

Focused on the Community Economic Development, Co-operative, and Non-profit sectors, the Master of Arts in Community Development program (MACD) is designed to provide students with the opportunity to develop their capacities in transformational change, governance, leadership, analysis, and management in order to better meet the challenges and opportunities that are facing communities at various levels. The program is offered through a combination of on-campus and online learning, allowing students from across Canada and internationally to participate. For details, see “Community Development” on page 1.

**Graduate Professional Certificates and Graduate Diploma**

The School offers specialized credential programs via distance methods intended to strengthen the skills of working professionals. The program requirements draw upon the Master of Public Administration curriculum.

**Graduate Professional Certificate in Library Sector Leadership**

This program is a 5-course, part-time program which includes an on-campus orientation course (ADMN 517A); students must also complete four specified 500-level ADMN online courses. Registering in one course per term, it is possible to complete the program in 16 months.

**Graduate Professional Certificate in Cultural Sector Leadership**

This program is intended to strengthen the capacity of cultural sector professionals to serve in management and leadership roles in museums, art galleries, the performing arts, heritage sites and heritage conservation. This program includes an on-campus orientation course (ADMN 517B); students must also complete AHVS 488T and four specified 500-level ADMN online courses. Students may complete the program over two years.

**Graduate Certificate in Evaluation and Graduate Diploma in Evaluation**

The Graduate Certificate and Graduate Diploma in Evaluation are designed for early- or mid-career professionals working in the evaluation field as government or non-profit employees or consultants. The Graduate Certificate in Evaluation consists of four specified 500-level ADMN courses. Upon completion of the four courses required for the Certificate, students may apply to receive their Certificate, or they may apply for admission to the Diploma program, which requires completion of a capstone project (4.5 units). Both programs are delivered entirely online and are completed on a part-time basis.

**PhD in Public Administration**

The School offers a PhD program that prepares students for scholarly and leadership roles in universities, government, non-profit organizations, research institutes and other settings where knowledge and research skills in public administration and policy are needed.

**Facilities**

The administrative office of the School of Public Administration is located in Room A302, Human and Social Development Building. Students of the School of Public Administration share a number of designated study spaces and meeting rooms.

**Financial Support**

A number of awards, scholarships and bursaries are available to full-time graduate students from the School of Public Administration and UVic. The Faculty of Graduate Studies provides a list of available awards and necessary applications online at <www.uvic.ca/graduatestudies/finances> or through their office in the University Centre. Information on
GRADUATE PROGRAMS

bursaries and scholarships is available at the UVic Student Awards & Financial Aid Office, located in the University Centre, or through their website at <www.uvic.ca/safa>. In addition, the provincial and federal governments each offer student loans to full-time candidates who meet the requirements. Students are advised to apply for student loans only during their academic terms (i.e., not during Co-op work terms).

The School of Public Administration also actively supports students seeking Social Sciences and Humanities Research Council of Canada fellowships (SSHRC) and Canada Graduate Scholarships.

MPA
In addition to being eligible to compete for UVic Graduate Awards and School of Public Administration awards for their first year, on-campus full-time students can use the income from up to three Co-operative Education work terms to help fund their studies.

Employers of many of our online students are willing to financially support their employee’s professional development by providing reimbursement for tuition and, in some cases, reimbursement for texts and instructional materials.

PhD
In addition to being eligible to compete for University of Victoria Fellowships for their first year as PhD students, the School provides opportunities for more senior PhD students to teach or assist faculty members or the School with teaching or research-related projects. These opportunities will vary from year to year and will be available on a competitive basis. School of Public Administration Awards may also be available to supplement the income from these jobs. Contact the Graduate Adviser for more information about funding opportunities.

Guidelines for Professional Conduct
The School of Public Administration expects graduate students to exhibit professional conduct according to the following guidelines:
• submission of oneself to the professional codes of conduct associated with one’s employment and/or professional membership(s);
• exercise of personal discipline, accountability, and judgement;
• acceptance of personal responsibility for continued competency and learning, including the capacity to be a reflective practitioner;
• willingness to serve the public;
• demonstrated ability to recognize the dignity and worth of all persons;
• willingness to assist others in their learning;
• ability to recognize and work with one’s own limitations;
• maintenance of the confidentiality of information, including all electronic communication, appropriate to the purposes and trust given when that information was acquired;
• acceptance that one’s professional abilities, personal integrity, and the attitudes one demonstrates in relationships with other persons are measures of professional conduct.

Unprofessional Conduct
Graduate student conduct in the School of Public Administration is subject to the professional standards of entities including, but not limited to, UVic Co-op and Co-op employers. A student exhibiting behaviour that does not meet the standards required by these relevant entities may be required to withdraw from the School.

ADMISSION REQUIREMENTS

General
Applications for admission are first received by the Graduate Admissions and Records Office which evaluates each applicant’s transcripts to determine admissibility to the program. After this determination, the application is forwarded to the School of Public Administration for consideration by the school’s Admissions Committee. The Admissions Committee is comprised of faculty members.

Admission to Master of Public Administration Programs
To be eligible for admission, applicants must:
• Have an undergraduate degree with a minimum B+ (6.0) average (75-79%) in the last two years (30 units) leading to the undergraduate degree.
• Applicants to the online program must have a minimum of three years of full-time public sector or non-profit work experience. Those applicants to the online program whose degree was awarded four or more years prior and whose grade point average is below B+ may be considered.
• Follow the instructions provided through the page <www.uvic.ca/grad/apply>.
• Provide Assessment Reports:
  MPA On Campus Applicants: Provide two Assessment Reports from academic referees. If it has been more than five years since you last attended a post-secondary institution, we recommend that you include three Assessment Reports from current or former supervisors in place of academic referees. To strengthen your application, we recommend that your referees attach a Letter of Reference in addition to the Assessment Report.
  MPA Online Applicants: Provide three Assessment Reports from academic referees, and at least one work-related Assessment Report from a supervisor. If it has been more than five years since you last attended a post-secondary institution, we recommend that you include three Assessment Reports from current or former supervisors in place of academic referees. To strengthen your application, we recommend that your referees attach a Letter of Reference in addition to the Assessment Report.
• Submit official copies of relevant transcripts.
• Submit a professional resumé.
• Submit a Letter of Intent describing why you are seeking an MPA and how the degree relates to your career plans, personal values and goals.

Applicants must assemble all of the required application elements, as well as other relevant evidence of suitability for admission (e.g., academic records from non-degree courses), and submit them to the Graduate Admissions Office as a complete package. Clearly indicate whether application is being made for the On Campus or the Online program.

The School’s Admissions Committee assesses an applicant’s ability to successfully complete the MPA program. Admission decisions are based on an evaluation of the Letter of Intent, the Academic Assessment forms or non-academic letters of reference, the applicant’s academic record, applicable test scores and experience (paid or voluntary). The admission process is competitive; therefore, ensure that all your documentation is complete.

Deadlines
• December 15 for international applicants.
• January 15 for domestic applicants. Applicants to the MPA On Campus Program who have a first class (A minus) average over the last two years of their undergraduate and/or graduate course work are automatically considered for graduate entrance awards. It is to the applicants’ benefit to do their best to ensure that their file is complete as soon as possible for the Admissions Committee’s consideration.

Admission to PhD Program
To be eligible for admission, applicants require:
• a master’s degree in a related discipline, with a minimum grade point average of A- (7.0) in the last two years of academic work; and
• demonstrated research potential.
Candidates are also strongly encouraged to apply for external funding and should indicate on their application where they have applied for such funding.

To apply for the program, applicants must:

• Follow the instructions provided through the page <www.uvic.ca/grad/apply>.
• Provide two Assessment Reports from academic referees. If it has been more than five years since you last attended a post-secondary institution, we recommend that you include three Assessment Reports from current or former employers in place of academic referees. To strengthen your application, we recommend that your referees attach a Letter of Reference in addition to the Assessment Report.
• Submit official copies of relevant transcripts.

Applicants must assemble all of the required application elements, as well as other relevant evidence of suitability for admission (e.g., academic records from non-degree courses), and submit them to the Graduate Admissions Office as a complete package.

In addition to the documentation required by the Faculty of Graduate Studies, the School of Public Administration requires that applicants submit a professional resume, as well as a letter of intent which provides an overview (up to a total of five single-spaced pages) of:

• the two fields in which the student plans to specialize;
• a proposed area for dissertation research illustrating the problem to be studied, possible literature and the general approach;
• the names of faculty identified as possible research supervisors; and
• a list of applications submitted for external funding.

The Admissions Committee assesses an applicant’s ability to successfully complete the PhD program. Admission decisions are based on an evaluation of the applicant’s academic record, the Academic Assessment forms (included within the application package), applicable test scores, the overview, and the availability of appropriate faculty expertise to match the applicant’s chosen research area.

All short-listed candidates will be interviewed (by teleconference or in person) by a faculty admissions committee.

Deadlines

• December 15 for International Students.
• February 15 for applicants who wish to be considered for University Graduate Awards. All applicants with a first class (A minus) average over the last two years of their undergraduate and graduate course work, as applicable, and whose applications are COMPLETE BY FEBRUARY 15 are automatically considered for these awards.
• March 15 for Domestic applicants.

Admissions to the PhD program will be undertaken on a biennial basis. For the next term of entry, please consult the School’s website at <www.uvic.ca/phd>.

Application Deadline for Cultural or Library Sector Leadership programs

Please view the information at <publicadmin.uvic.ca/gradcerts> for current information on application deadlines.

Admission to Graduate Certificate in Evaluation — Additional Requirements

To be eligible for admission to the Graduate Certificate in Evaluation, applicants must have:

• An undergraduate degree (or equivalent from another country) from an accredited and recognized institution.
• A grade point average of B (5.0) in the last two years (30 units) leading to the undergraduate degree.
• The equivalents of Research Design: Critical Appraisal of Information (ADMN 502A); Data Analysis & Interpretation (ADMN 502B); and Public Sector Economics (ADMN 310 or ADMN 509).

Application Deadline for the Evaluation program

March 1

International Applications

The Graduate Admissions and Records office provides a step-by-step application guide, including application forms for international students, available at: <www.uvic.ca/garo>.

Applicants who do not possess a Canadian undergraduate degree will be required to write and submit official results for the GMAT. International applicants whose first language is not English are required to provide test results for one of the following:

• The Test of English as a Foreign Language (TOEFL) with a minimum score of 610 on the paper-based test and 102 on the Internet-based test, or
• The International English Language Testing System (IELTS) with an overall score of at least Band 7.0 with no score of less than 6.5 on each academic component.

Program Requirements

Master’s Programs

Students are admitted into either the MPA On Campus or the MPA Online program.

Master of Public Administration On Campus

• Core Courses
  - ADMN 502B, 504, 509 or other specified course*, 512; PADR 501, 502, 503, 504, 505, 589
  - ADMN 502B, 504, 505, 589

• Elective Courses: two from
  - ADMN 523, 530, 531, 537, 544, 547, 548, 553, 577, 578, 579, 580, 581, 582
  - ADMN 509 or other specified course
  - ADMN 512, 523, 530, 531, 537, 544, 547, 548, 553, 577, 578, 579, 580, 581, 582

• Courses from other School of Public Administration offerings:
  - MADR (DR) or MACD (CD) courses: with permission of the instructor and Graduate Adviser
  - 400-level undergraduate courses (ADMN) offered by the School of Public Administration or other academic programs: with permission of the instructor and Graduate Adviser.

• Final Requirement
  - ADMN 598 or 599

* based on a review of students’ prior academic history, the student may be streamed into an alternate course

Students may not transfer between the On Campus and Online MPA programs, or take core courses from the other program that are not
specifically open to students from both programs, without the permission of the Graduate Adviser.

Students have the opportunity to focus their studies on specific areas of public policy and administration through their selection of electives, their Co-op work term placements and the topic of their final report or thesis.

At the end of their program, all MPA students choose between completing a Master’s Project (ADMN 598) or a Thesis (ADMN 599).

Because ADMN 599 is 6.0 units while ADMN 598 is 4.5 units, thesis students’ programs will total 22.5 units, while project students’ programs will total 21.0 units. More detailed information on the thesis option requirements is included on the School of Public Administration website.

Program Length
The full-time MPA On Campus program can be completed in two years, including two co-operative work terms.

**MPA On Campus Program Schedule**

The MPA On Campus program consists of a minimum of five compulsory terms: two full-time, residential academic terms, two co-operative work terms, and two further academic terms spent completing the Master’s Project or Thesis (which may be taken concurrently with the second work term). The terms spent completing the Project or Thesis may be completed on campus, online or through a combination of the two. Students must complete all program requirements, including a third Co-op term (if taken), by the same semester in which they defend their Project or Thesis.

**Term 1 (Fall Term, Sep–Dec)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PADR 501 (1.5)</td>
<td>Collaboration and Engagement</td>
</tr>
<tr>
<td>PADR 502 (1.5)</td>
<td>Analysis for the Public and Non-Profit Sectors</td>
</tr>
<tr>
<td>ADMN 504 (1.5)</td>
<td>Government and Governance</td>
</tr>
<tr>
<td>ADMN 509 (1.5)</td>
<td>Microeconomics for Policy Analysis</td>
</tr>
<tr>
<td>PADR 589 (0.0)</td>
<td>Co-op Seminar: Introduction to Professional Practice</td>
</tr>
</tbody>
</table>

**Co-op Work Term 1 (Spring Term, Jan–Apr)**

Students are strongly encouraged to register in one online course elective during their co-operative work term (1.5 units)

**Term 2 (Summer Term, May–Aug)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PADR 503 (1.5)</td>
<td>Professional Integrity in the Public and Non-Profit Sectors</td>
</tr>
<tr>
<td>PADR 504 (1.5)</td>
<td>Public Leadership and Management</td>
</tr>
<tr>
<td>PADR 505 (1.5)</td>
<td>Policy Making and Policy Communities</td>
</tr>
<tr>
<td>ADMN 502A (1.5)</td>
<td>Data Analysis and Interpretation</td>
</tr>
<tr>
<td>ADMN 512 (1.5)</td>
<td>Public Financial Management and Accountability</td>
</tr>
</tbody>
</table>

**Co-op Work Term 2 (Fall Term, Sep–Dec)**

Students are strongly encouraged to register in one online course elective during their co-operative work term (1.5 units)

**Term 3 (Spring Term, Jan–Apr)**

Students register in either:
- ADMN 598 (4.5) Master’s Project
- ADMN 599 (6.0) Master’s Thesis

Students selecting either option will be expected to attend the preparation seminar and/or review online resources during this term. If required to complete their program, students also have the option to register in an online course elective (1.5 units)

**Term 4 (Summer Term, May–Aug)**

Students register in either:
- ADMN 598 (4.5) Master’s Project
- ADMN 599 (6.0) Master’s Thesis

**Optional Co-op Work Term 3**

To be completed by the same term in which the Project or Thesis is defended. Please see “Co-operative Education”, page 212.

**MPA Online Program Schedule**

Courses in the MPA Online program are offered year-round. Students must follow the program as listed here. Students taking only one course per term should consult the School staff and/or the website for the recommended sequencing. MPA Online students may only take more than two courses per term with the permission of the Graduate Adviser.

**Program Term 1 (Sep–Dec)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ADMN 504 (1.5)</td>
<td>Government and Governance</td>
</tr>
<tr>
<td>ADMN 507 (1.5)</td>
<td>Leadership and Ethics in the Public Sector</td>
</tr>
</tbody>
</table>

**Program Term 2 (Jan–Apr)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ADMN 502A (1.5)</td>
<td>Surveying, Appraising and Commissioning Information</td>
</tr>
<tr>
<td>Approved elective (1.5)</td>
<td></td>
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</tbody>
</table>

**Program Term 3 (May–Aug)**

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ADMN 509 (1.5)</td>
<td>Microeconomics for Policy Analysis</td>
</tr>
<tr>
<td>ADMN 550 (1.5)</td>
<td>Strategic Communication and Engagement</td>
</tr>
</tbody>
</table>

**Program Term 4 (Sep–Dec)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ADMN 512 (1.5)</td>
<td>Public Financial Management and Accountability</td>
</tr>
<tr>
<td>ADMN 531 (1.5)</td>
<td>Performance and Strategic Human Resource Management</td>
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</tbody>
</table>

**Program Term 5 (Jan–Apr)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ADMN 556 (1.5)</td>
<td>Managing Public Policy</td>
</tr>
<tr>
<td>Approved elective (1.5)</td>
<td></td>
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</tbody>
</table>

**Program Terms 6 and 7 (May–Aug and Sep–Dec)**

Students register in either:
- ADMN 598 (4.5) Master’s Project
- ADMN 599 (6.0) Master’s Thesis

Students selecting either option will be expected to review the online ADMN 598/599 resources during this term. For MPA online students, completing a project will result in a program consisting of 19.5 units, while completing a thesis will result in a program of 21.0 units.

**Capstone Project or Thesis**

Students will complete a Master’s Project (ADMN 598) or a Master’s Thesis (ADMN 599) to complete their MPA requirements.
MPA – Master’s Project

ADMN 598: Master’s Project (4.5 units)

The Master’s Project is expected to be a substantial analysis of a management, policy or program problem for a client in the non-profit or public sector. Students have the choice of working individually or with a partner. Team-based Master’s projects must be designed and written so that each team member’s contributions are clearly indicated. The Master’s Project is prepared in consultation with the client and an academic supervisor in the School of Public Administration and must be both practical and academically rigorous. The academic supervisor is a member of the School faculty and is also a member of the Faculty of Graduate Studies. More detailed information about the Master’s Project option is included in the school’s website.

Final Examination

The Master’s Project is defended in an oral examination, and the minimum Committee consists of the academic supervisor, the client, a second reader from the School of Public Administration and a Chair representing the Faculty of Graduate Studies.

MPA – Master’s Thesis

ADMN 599: Master’s Thesis (6.0 units)

The Master’s Thesis is expected to be a substantial contribution to the knowledge in the field of Public Administration. An MPA thesis will demonstrate a student’s mastery of a substantive body of scholarly or practice literature, as well as using appropriate and academically defensible methodologies to analyze research questions, test hypotheses or contribute new theoretical knowledge. Individual students will work with an academic supervisor in the School of Public Administration.

Final Examination

The Master’s Thesis is defended in an oral examination, and the minimum Committee consists of the academic supervisor, a second member from within the School and an external member from the University of Victoria, together with a Chair and an external examiner appointed by the Faculty of Graduate Studies from outside the school. All members of the committee must be members of the Faculty of Graduate Studies.

For "Guidelines for Oral Examinations" please go to the following website: <www.uvic.ca/graduatestudies/resourcesfor/students/thesis.html>.

JD+MPA Double Degree Program

In partnership with the Faculty of Law, the School of Public Administration offers the JD+MPA program, for students wishing to pursue double degrees. Students who apply and are accepted into both the Faculty of Law JD and the School of Public Administration MPA programs may earn both degrees concurrently with modified requirements for each. Undertaken separately, the two degrees normally require five years of study, whereas the double degree may be completed in four years. The first year of the double degree program is devoted entirely to the first year law curriculum. The second year of the program requires the completion of the required core public administration courses offered in the fall and summer terms. In consultation with the Graduate Adviser, these courses can be completed in combination with law courses, if the student wishes. The remaining two years entail the completion of all other law and public administration course requirements. Students may reduce the time in the program by enrolling in some MPA courses during the third Summer Term. Alternatively, students may participate in the Co-operative Education program. For information about the Faculty of Graduate Studies’ rules governing the JD+MPA double degree program, see “Registration in Double Degree Programs”, page 43. Further information on the program may also be obtained from either the School of Public Administration or the Faculty of Law.

Students enrolled in the JD+MPA double degree program must submit two formal applications for graduation when registering in their final Summer or Winter session. Graduation application forms are available from Undergraduate Records and Graduation Services for the JD degree and from Graduate Records for the MPA degree. Application deadlines are July 1 for the November convocation and December 1 for the June convocation. Both degrees must be conferred at the same Senate meeting, and be awarded at the same convocation.

Students enrolled in the JD + MPA double degree program prior to starting first year law school will not be eligible to enrol in the Law Co-op Program. Students that are admitted to the Law Co-op Program during first year law and subsequently enrol in the JD + MPA double degree program shall withdraw from the Law Co-op Program. Students enrolled in the JD + MPA double degree program will be required to complete any mandatory work terms as specified by the School of Public Administration.

PhD Program

The PhD program offers learning and research opportunities in the fields of:
1. comparative policy and governance;
2. organizational studies; and
3. applied policy and program analysis.

The first year of the program is a full-time course of studies consisting of a minimum of 10.5 units of coursework, a non-credit doctoral seminar and language training (if required for the student’s dissertation research). Students must be in residence to complete this part of their program:

- four core courses in two of the three fields

ADMN 604 (1.5) Theories of Public Management
ADMN 605 (1.5) Comparative Policy and Governance
ADMN 607 (1.5) Organizational Behaviour and Analysis
ADMN 620 (1.5) Policy and Institutional Design and Analysis
ADMN 621 (1.5) Policy and Program Evaluation and Performance
ADMN 645 (1.5) Organizational Change and Development

- two methodology courses

ADMN 602 (1.5) Research Methods in Public Administration

and a further graduate-level quantitative or qualitative methods course with the approval of the Graduate Adviser (1.5)

- at least one elective course (1.5)

Students may take graduate-level courses offered by the School of Public Administration, the Department of Political Science, other UVic departments, or other universities with the approval of the Graduate Adviser. Elective courses must be related to their two core fields of study.

- ADMN 600 (0.0) Doctoral Seminar

Students will be required to register in this non-credit seminar course for the duration of their PhD program.

Students who choose comparative policy and governance as one of their fields will do coursework in both the School of Public Administration and the Department of Political Science.

The total number of courses each student is required to take will depend on the background of the student and will be decided by the student and the Graduate Adviser and approved by the Admissions and Program Standards Committee. The minimum units required for the PhD Degree is 10.5 units of coursework. PhD students are expected to have mastery of a second or third language if it is germane to their chosen fields of study. They will be expected to acquire needed language skills in addition to their PhD coursework. No PhD credit will be given for language training.
Candidacy
ADMN693 (3.0) Candidacy Examination
During the second year of the program of study, students will complete candidacy Examinations in the two fields of study they have chosen. The examinations will be set by School field committees. A student who passes the comprehensive examinations is admitted to candidacy for the PhD degree.

Dissertation
ADMN 699 (30.0) Dissertation
Upon completing the candidacy examinations, students will develop a dissertation proposal and defend the proposal in an oral presentation to their supervisory committee. Once the committee is satisfied that the dissertation proposal meets the standards of the program, students will begin their dissertation research.

Oral Examination
Students will defend the completed dissertation in an oral examination in accordance with the regulations of the Faculty of Graduate Studies.

Program Length
The entry date for the PhD program is September. The program operates year-round. Courses, faculty members and facilities are available during Fall, Spring and Summer sessions. PhD candidates are expected to complete the program in five years.

Graduate Professional Certificates
The courses are normally taken in the following sequence. Should a student miss a course due to personal circumstances, that student can enrol in the missed course in the next academic year (or the next offering). Note that for the Cultural and Library Sector Leadership programs, the orientation courses ADMN 517A and 517B and AHVS 488T (Cultural Sector students only) include required attendance at on-campus intensive sessions.

Graduate Professional Certificate in Library Sector Leadership
ADMN 507A (1.5) Public Sector Leadership: Teams, Self and Organization
ADMN 517A (0.5) Graduate Professional Certificate Orientation
ADMN 530A (1.5) Increasing Organizational Effectiveness
ADMN 531A (1.5) Strategic Human Resource Management
ADMN 577A (1.5) Strategic Planning and Implementation

Graduate Professional Certificate in Cultural Sector Leadership
ADMN 507B (1.5) Public Sector Leadership: Teams, Self and Organization
ADMN 517B (0.5) Graduate Professional Certificate Orientation
ADMN 530B (1.5) Increasing Organizational Effectiveness
ADMN 531B (1.5) Strategic Human Resource Management
ADMN 577B (1.5) Strategic Planning and Implementation
AHVS 488T (1.5) Leadership in Cultural Organizations

Graduate Certificate in Evaluation and Graduate Diploma in Evaluation
The part-time online Graduate Certificate in Evaluation consists of four specified ADMN 500-level courses. Upon successful completion of the four courses, students can opt to apply for and receive their Graduate Certificate, or they may apply for admission to the Graduate Diploma in Evaluation.

The Diploma requires completion of a final project, ADMN 596 (4.5 units). Students who undertake the project, which will be supervised by a faculty member, will have an evaluation client, an agreed-upon project design, and a timeline to complete the project. A written project report will be prepared and submitted to an examination committee. Completed reports will be assessed by a committee consisting of academic instructors and practitioners, including the client for the project.

Required Courses
Fall
ADMN 537 (1.5) Program Evaluation and Performance Measurement
Spring
ADMN 580 (1.5) Qualitative Evaluation Methods and Applications
Summer
ADMN 581 (1.5) Quantitative Methods for Public Policy Analysis and Program Evaluation
or
ADMN 582 (1.5) Topics in Program Evaluation, Performance Measurement, Performance Management and Knowledge Management

Fall
ADMN 544 (1.5) Economic Evaluation Methods and Applications
For students who opt to enrol in the Diploma in Evaluation, they will then complete:
Spring
ADMN 596 (4.5) Evaluation Project (course may take 2 terms to complete, but normally should not exceed 3 terms.)

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, workplace experience, and an opportunity to build a network of potential employers - is mandatory for MPA On Campus students. MPA On Campus students complete a minimum of two work terms (a work term normally consists of four months of full-time, paid employment) and students undertake study and work terms in alternating sessions. Completion of additional work terms is permitted, with the approval of the Co-op Coordinator and based on availability. Students in their first or second co-op terms may receive priority. Additional work terms must be completed in or before the same semester in which the project/thesis is defended.

MPA On Campus students are required to register in PADR 589 Co-op Seminar: Introduction to Professional Practice, in their first term in the program. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Participation in the Co-operative Education program is optional for full-time PhD students. PhD students complete three terms; a fourth work term is an option. Students require permission from their academic adviser, graduate adviser and Co-op coordinator to participate in the Co-op program. Interested students should contact the Co-op Office (located in HSD A302) early in the term in which they are applying.
Public Health and Social Policy

GENERAL INFORMATION

The School of Public Health and Social Policy is designed to encompass interdisciplinary and inter-professional fields of study. Within this context, health is understood as a resource for everyday living emphasizing social and personal resources as well as physical capacities. The School of Public Health and Social Policy at the University of Victoria recognizes and values:

- Collaborative action across all sectors (government organizations, non-government organizations, non-profit organizations, community coalitions, and interest groups)
- Inter-professional and multi-disciplinary approaches to practice and research
- Critical analysis drawing on principles of social justice and equity
- Political awareness and political engagement as a basis for social change
- Community-based approaches to research and knowledge development
- Partnerships with people and populations served
- Diversity and cultural safety
- Indigenous knowledge and the right to self-determination

Contact Information

School of Public Health and Social Policy
Location: Human and Social Development Building, Room B202
Mailing Address:
School of Public Health and Social Policy
University of Victoria
PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Room B202, HSD Building
University of Victoria
3800 Finnerty Road
Victoria BC V8P 5C2
Canada
Telephone Number: 250-721-8204
Fax Number: 250-721-8201
Website: <www.uvic.ca/publichealth>
For information about the programs contact Joan Gillie, Program Manager.
Email: jgillie@uvic.ca; jphsp@uvic.ca
Phone: 250-853-3845

Faculty Members and Areas of Research

Lyn Davis PhD (Florida)
Scholarship of teaching and learning; social justice; social policy; housing; community organizing and development; lesbian health; feminism; research methodologies; program evaluation.

Trevor Hancock MB BS (London)
Public health systems and services research; health promotion; healthy cities and communities; health and nature; healthy public policy; community development and health

Michael Hayes PhD (McMaster)
Health inequities; disability; public policy; obesity; health literacy; population health promotion

Nathan Lachowsky PhD (Guelph)
Sexual health; global health; lesbian, gay, bisexual, transgender, queer, and two-spirit (LGBTQ2S) people; HIV prevention and care; health equity; interdisciplinary approaches; indigenous health; mixed methods; community-based research; public health surveillance; infectious diseases; population health

Charlotte Loppie PhD (Dalhousie)
Sexual and reproductive health across the lifespan; sexual diversity; sex trade work; HIV/AIDS; the construction of female sexuality and the cultural determinants of health

Nigel Livingston PhD (British Columbia)
Disability, assistive technology, policy and practices with respect to individuals with disabilities and their families; disability supports and services

Laurene Shields, PhD (Oregon)
Community; health promotion; empowerment; community nursing practice; life threatening illness and events; connectedness; people’s experiences of health, illness and healing; narrative inquiry; feminist research; story as a metaphor of healing; spirituality

Karen Urbanoski, PhD (Toronto)
Development; substance use problems and addiction; role played by the treatment system in recovery

Ziba Vaghri, PhD (British Columbia)
Child development and child health, child rights, social determinants of health, indicators as accountability tools, international development, nutrition

Catherine Worthington PhD (Toronto)
Health services research; program evaluation; access to health care; recipient views of services; social-structural drivers of health; HIV/AIDS; homelessness; adolescent health; community-based participatory research; survey methods; qualitative methods; research ethics

Emeritus

Jeff Reading PhD (Toronto)
Aboriginal health; health promotion; health policy; cardiovascular physiology; research administration; population and public health; health services; chronic disease; surveys; global Indigenous health

Adjunct and Grant Tenure Appointments

Carol Araumatunga, BA, MSc, PhD (Toronto), Adjunct Professor (2012-2015)
Lillian Bayne, BA, MA, MSc (Toronto), Adjunct Professor (2012-2015)
Brenda Canitz, BScN, BA, MSc (Toronto), Adjunct Professor (2012-2015)
Perry Kendall, MBBS, FRCP, MSc (UBC), Adjunct Professor (2012-2015)
Marjorie MacDonald, RN, BN, MSc, PhD (British Columbia) (2017-2020)
Patrick McGowan, BA, MSW, PhD (UBC), Professor, Grant Tenure (Limited Term 2012-2015)
Debra Nanan, BSc, MPH (Johns Hopkins), Adjunct Assistant Professor (2013-2016)
Victor Neufeld, BA, MA, MD (Saskatchewan), Adjunct Professor (2013-2016)
Heather Picotte, BA, MA, PhD (British Columbia - Okanagan) (2017-2020)
Melanie Rusch, BSc, MSc, PhD (UBC), Adjunct Associate Professor (2013-2016)
Irving Rootman, MPhil, PhD (Yale), Adjunct Professor (2012-2015)
Laurene Shields, RN, BSN, PhD (Oregon) (2017-2020)
Richard Stanwick, BSc, MD, MSc (McGill), Adjunct Associate Professor (2014-2017)
Martin Wale, BMedSci, BM BS, MBA (Nottingham), Adjunct Associate Professor (2014-2017)
Franklin White, MD, CM, MSc, FRCP, FFPH (London), Adjunct Professor (2012-2015)
Public Health Advisory Board
Irving Rootman, PhD (Chair)
Perry Kendall, OBC, MBBS, MHSc, FRCP
Marjorie MacDonald, PhD
Cheryl Martin, BScN, MSc
Darlene Martin, RN, BSN
Catherine Mateer, PhD
Jeff Reading, PhD
Mary Ellen Strada, RN, MN
Shannon Turner, BA, BSc, MSc
Franklin White, MD, CM, MSc, FRCP, FFPH
Eric Young, MD, BSc, MHSc, CCPP, FRCP

Degrees and Specializations Offered
The School offers a Master’s of Public Health (MPH) degree for both full-time and part-time students and a Graduate Diploma in Public Health (GD) for part-time students. Both programs are offered via online/distance learning methods.

Students in either program have the opportunity to focus their studies by selecting one of four areas of focus during their program: Indigenous Peoples’ Health, Public Health Informatics, Public Health Nursing, Social Policy.

Facilities
The administrative office of the School of Public Health and Social Policy is located in Room B202, Human and Social Development Building. Master’s in Public Health and Graduate Diploma students have a designated computer lab in Room B241, HSD Building.

Financial Support
All new applicants are evaluated for the University Fellowship. The minimum standard required for consideration is a first-class standing (A-). Grade calculations and equivalencies are determined by the Graduate Admissions and Records Office. The process is competitive and meeting the minimum standard does not guarantee that students will be successful in the competition.

A number of awards, scholarships and bursaries are available to full-time students. The Faculty of Graduate Studies provides a list of available awards and necessary applications online at <web.uvic.ca/gradstudies/fund/funding.html> or through their office in the University Centre. Information on bursaries and scholarships can be found at the UVic Student Awards & Financial Aid Office, located in the University Centre, or through their website at <uvic.ca/safa>.

Limitation of Enrolment
Admission to UVic is not a guarantee of admission to particular Schools or programs within the Faculty. Applicants should be aware that admission to Schools and programs is competitive and subject to limited enrolment. Meeting minimum requirements is not a guarantee of admission. The Faculty of Human and Social Development recognizes that many factors contribute to a person’s chances of success in professional programs and therefore in addition to academic requirements (GPA), professional suitability for the selected program will be considered.

Professional Conduct
All students in the School of Public Health and Social Policy must follow the Faculty of Human and Social Development’s (HSD) Guidelines for Professional Conduct. The faculty supports models for professional conduct based on the following guidelines:

- submission of oneself to a professional code of ethics
- exercise of personal discipline, accountability and judgement
- acceptance of personal responsibility for continued competency and learning
- willingness to serve the public, client or patient and place them before oneself
- ability to recognize the dignity and worth of all persons in any level of society
- willingness to assist others in learning
- ability to recognize one’s own limitations
- maintenance of confidentiality of information (including all electronic communication) appropriate to the purposes and trust given when that information was acquired
- acceptance that one’s professional abilities, personal integrity and the attitudes one demonstrates in relationships with other persons are the measure of professional conduct

Unprofessional Conduct
Students in the Faculty of Human and Social Development are subject to the provisions of the code of ethics of their respective professions, and may be required to withdraw from their School for violating these provisions. Students may also be required to withdraw from their School, when ethical, medical or other reasons interfere with satisfactory practice in their respective disciplines.

UVic Email Address
All program information will be provided by email. All PHSP students are required to use their UVic email address as their primary email contact in the student records system while enrolled in programs. This is to ensure continuity and consistency of information received. PHSP is not responsible for providing missed information if students do not use the UVic email address.

General Practicum Guidelines
Criminal Record Reviews
A requirement for admission, PHSP students placed in practica must undergo a criminal record review. Students are responsible for providing authorization for the review prior to registration in their first course in the program and cooperating with the conduct of the review as needed. Usually, students must pay for the review, although some agencies will absorb the costs. Registered Nurses in BC have a Criminal Record Review completed with their CRNBC registration.

Practica Placements
Students must have completed all core courses in the MPH or Graduate Diploma program prior to commencing practicum and project/thesis (PHSP 507, PHSP 508A, PHSP 508B, PHSP 589, PHSP 599).

The Faculty reserves the right to approve any agency or institution that provides placements for student practica, and to change any placement assigned to a student. The student, however, has the right to be informed in writing of the reasons for any change in placement.

While the Faculty accepts a responsibility to provide a sufficient number of practicum opportunities to serve the needs of all registered students, a student may be required to withdraw from a practicum course if none of the available practicum agencies will accept the student.

It is the responsibility of the course instructor to inform students of the criteria by which unprofessional conduct will be judged in the practicum setting.

Practica Dates
The dates of practica will be established by each School or program, and will be announced to the students involved at the beginning of each term.
Attendance
Attendance at practicum activities is required. Students are expected to notify the placement agency whenever practicum appointments cannot be kept, and also to inform the course instructor. Failure to do so may result in a student being withdrawn from the practicum setting.

Denial and Withdrawal

Denial
Students will be denied the practicum experience if their preparatory work is considered unsatisfactory by the Director of the School or if all core courses in the MPH or Graduate Diploma program are not complete prior to commencing practicum and project/thesis (PHSP 507, PHSP 508A, PHSP 508B, PHSP 589, PHSP 599).

Temporary Withdrawal of Students Pending Report
The Director may require a student to withdraw temporarily from a practicum if, during the course of a term, there are reasonable grounds to believe that the conduct or lack of competence of a student enrolled in the practicum has adversely affected or may adversely affect:
- clients or pupils, or
- personnel, including students associated with the practicum

The student will be required to withdraw temporarily pending the receipt of a report on the conduct and lack of competence of the student. This written report from the course instructor will normally be provided to the student within 10 business days of the withdrawal.

Withdrawal
After giving the student an opportunity to be heard, the Director may require a student to withdraw from the practicum if the Director is satisfied that the student’s conduct or lack of competence may adversely affect members of any of the groups identified in the paragraph above.

Voluntary Withdrawal
Students seeking voluntary withdrawal from a practicum, whether permanent or temporary, must receive permission to do so from their faculty supervisor in Human and Social Development.

Termination of Practicum by Placement Agency
In situations where a practicum is terminated by the agency, the student will be informed in writing of the reasons for termination, by the School within 15 business days of the termination. After giving the student an opportunity to be heard, the Director or designate will determine appropriate action: 1) withdrawal from the School; 2) additional preparatory work; 3) placement in a different practicum setting.

Practicum Evaluation Documentation
If a student withdraws from practicum or is required to withdraw from practicum by their instructor of record, all practicum evaluation materials to date of withdrawal will remain on their student file and may be taken into account in determining whether their preparatory work is satisfactory to enter a subsequent practicum.

Notification of the Faculty of Graduate Studies
Students who withdraw temporarily from a practicum must notify the Faculty of Graduate Studies in writing. Students who are required to withdraw from a practicum will be withdrawn from any course involved by written notification from the Director to the Faculty of Graduate Studies.

Readmission
Students who have withdrawn from a practicum for whatever reason who later wish to reenter the practicum must apply for readmission to the course and should not assume that readmission is guaranteed.

Appeals
The normal avenues of final appeal are available to students who have been required to withdraw from a practicum. Students in the Faculty of Human and Social Development may follow regular appeal procedures within the faculty.

Additional Practice Requirements for Registered Nurses Registered in the Public Health Nursing Area of Focus
Active Practicing Registration and Malpractice Insurance
Registered Nurses enrolled in the Public Health Nursing area of focus must have active practicing registration as a Registered Nurse or the equivalent registration for the jurisdiction in which they are undertaking their practice experience. Periodically, information provided by students will be checked. Please note that students studying outside of BC are required to submit verification of active practicing registration to the School of Public Health and Social Policy annually. Students studying in the US must also provide proof of current malpractice insurance, annually, for the duration of the program.

Current Basic Life Support Certificate
All Registered Nurses enrolled in the Public Health Nursing area of focus must provide evidence of successful completion of a basic life support level-C course no more than 12 months prior to admission. Current CPR level-C certification must be on file in the School of Public Health and Social Policy to remain registered in the program.

ADMISSION REQUIREMENTS

General
Initial enquiries regarding graduate programs should be addressed to the Program Manager, School of Public Health and Social Policy. Application materials may be obtained from the Graduate Admissions and Records Office website <www.uvic.ca/garo> or the School of Public Health and Social Policy website: <www.uvic.ca/publichealth>.

Applications for admission are first received by the Graduate Admissions and Records Office. This office evaluates each applicant’s transcripts to determine admissibility to the program. After this determination, the application is forwarded to the School of Public Health and Social Policy for consideration by the department’s Admissions Committee.

Applicants are required to indicate whether they are intending to study as a full-time or part-time student and their anticipated area of focus. Students selecting the Public Health Nursing (PHN) area of focus will be required to show evidence of active practicing registration as a Registered Nurse or the equivalent registration for the jurisdiction in which they are undertaking their program. Courses in the PHN area of focus are offered subject to sufficient enrolment. The School will endeavor to select the strongest candidates in each of the four areas of focus. Once admitted to the program students may change their area of focus subject to individual academic advising.

Students enrolled in the Diploma program who want to transfer to the Masters program will be required to meet with the academic adviser and put their request in writing to the Director of the School. Students wanting to move from the Diploma to the Masters program must be in good standing and hold a minimum of a B+ (6.0 GPA) in the Diploma program.

Admission to the Diploma program does not guarantee admission to the MPH program. Students who have successfully completed the Diploma program are eligible to apply for admission to the MPH program. Applications will be competitively assessed within the MPH applicant pool.

Applicants will be required to have completed an undergraduate statistics course with a minimum grade of B. Students may be provisionally accepted into either the Diploma or Master’s in Public Health program with the condition that they complete an undergraduate
statistics course (with a minimum grade of B) prior to beginning the program.

Admission to the Graduate Diploma Program
To be eligible for admission, students must:

- Have an undergraduate degree with a minimum B+ (6.0) average (75-79%) in the last two years (30 units) leading to the undergraduate degree.
- Have completed an undergraduate statistics course at the second year level or above focusing on data analysis (not research methods) with a grade of B or above, within ten years of program entry date.
- Complete the online application. All required documents (including names and contact information for two references, relevant transcripts, resume/CV and Statement of Intent) should be ready to upload at the time of application.
- Provide references which should come from individuals who can provide a reliable assessment of the applicant's abilities; academic or professional references are acceptable.
- Provide a Statement of Intent that describes why the applicant is seeking a Graduate Diploma in Public Health and how the diploma relates to their experience, goals and career plans.

Applicants are encouraged to submit whatever other evidence of suitability for admission they feel is relevant (e.g., academic records from non-degree courses).

The Admission Committee assesses an applicant's ability to successfully complete the Diploma in Public Health program. Application to the Diploma program will be competitively assessed based on four criteria: 1) Grade Point Average; 2) Statement of Intent; 3) Professional Experience and Community Service; and 4) References.

Application Deadline
February 1

Admission to the Master of Public Health Program
To be eligible for admission, students must:

- Have an undergraduate degree with a minimum B+ (6.0) average (75-79%) in the last two years (30 units) leading to the undergraduate degree.
- Have completed an undergraduate statistics course at the second year level or above focusing on data analysis (not research methods) with a grade of B or above, within ten years of program entry date.
- Complete the online application. All required documents (including names and contact information for two references, relevant transcripts, resume/CV and Statement of Intent) should be ready to upload at the time of application.
- Provide references which should come from individuals who can provide a reliable assessment of the applicant's abilities; academic or professional references are acceptable.
- Provide a Statement of Intent that describes why the applicant is seeking a Master's in Public Health and how the degree relates to their experience, goals and career plans.

Applicants are encouraged to submit whatever other evidence of suitability for admission they feel is relevant (e.g., academic records from non-degree courses).

The Admissions Committee assesses an applicant's ability to successfully complete the MPH program. Application to the MPH degree program will be competitively assessed based on four criteria: 1) Grade Point Average; 2) Statement of Intent; 3) Professional Experience and Community Service; and 4) References.

Application Deadline
February 1

Graduate Courses Prior to Admission
Students not admitted to the MPH degree may be permitted to take up to 3.0 unit of graduate level Public Health and Social Policy courses. The prerequisites are admission to Graduate Studies and approval of the Graduate Adviser.

Program Requirements
Residency Requirements
All students admitted to both the MPH and GD programs are expected to attend three onsite intensives: (1) orientation (end of August) to their program prior to program commencement in September; (2) during the final area of focus course (beginning of May); (3) a culminating student conference at the end of their program (end of April) where students will demonstrate and share their project outcomes and learning.

Program Fee
Students admitted to either program may be assessed an additional program fee.

Diploma in Public Health (12.0 units)
The Graduate Diploma requires a minimum of 12.0 units. The 12.0 units are made up of 4.5 units of core courses, 3.0 units of courses from the chosen area of focus, practicum (1.5 units), culminating report (1.5 units) and 1.5 units of elective.

Graduate diploma students who complete the diploma and then wish to complete the Master of Public Health (MPH) will be required to apply to the MPH program, be accepted, and then complete remaining core and area of focus courses as well as PHSP 508B and 589 in the MPH program. See "Admission Requirements", "General" (page 215), for more information.

Core Course Requirements (4.5 units)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHSP 501</td>
<td>Public Health Epidemiology</td>
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<tr>
<td>PHSP 503</td>
<td>Public Health Practice I: Population Health and</td>
</tr>
<tr>
<td>PHSP 505</td>
<td>Health Promotion</td>
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</tbody>
</table>

Area of Focus
One of three Areas of Focus (3.0 units required in one area). These areas will be offered subject to adequate enrolment.

Indigenous Health Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>INGH 520</td>
<td>Community Engagement and Leadership</td>
</tr>
<tr>
<td>INGH 521</td>
<td>Indigenous Public Health and Social Policy</td>
</tr>
</tbody>
</table>

Public Health Nursing (Courses offered subject to sufficient enrolment)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PHSP 540</td>
<td>Knowledge Development in Public Health Nursing</td>
</tr>
<tr>
<td>PHSP 541</td>
<td>Social Justice and Public Health Nursing</td>
</tr>
</tbody>
</table>

Social Policy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHSP 550</td>
<td>Perspectives in Social Policy and Public Health</td>
</tr>
<tr>
<td>PSHP 551</td>
<td>Social Values, Ideologies, and Policy Analysis</td>
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</tbody>
</table>

Additional Program Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHSP 507</td>
<td>Practicum (225 hours)</td>
</tr>
<tr>
<td>PHSP 508A</td>
<td>Culminating Report</td>
</tr>
</tbody>
</table>
Master of Public Health (21.0 or 24.0 units)

The MPH degree requires a minimum of 21 units. The 21 units are made up of 9.0 units of core courses, 4.5 units of courses from the chosen area of focus, project (3.0 units), practicum (3.0 units) and 1.5 units of electives.

Program Length

The part-time Graduate Diploma program can be completed in just over 1.5 years (5 academic terms). All students, whether part-time or full-time, have four years to complete the program.

Core Course Requirements (9.0 units)

- PHSP 501 (1.5) Public Health Epidemiology
- PHSP 502 (1.5) Public Health Biostatistics
- PHSP 503 (1.5) Public Health Practice I: Population Health and Health Promotion
- PHSP 504 (1.5) Supportive Environments and Healthy Public Policy
- PHSP 505 (1.5) Public Health Practice II: Public Health Interventions
- PHSP 506 (1.5) Public Health Research

Area of Focus

One of three Areas of Focus (4.5 units required in one area). These areas will be offered subject to adequate enrolment.

Indigenous Health Studies

- INGH 520 (1.5) Community Engagement and Leadership
- INGH 521 (1.5) Indigenous Public Health and Social Policy
- INGH 522 (1.5) Indigenous Health Research Methodologies

Public Health Nursing (Courses offered subject to sufficient enrolment)

- PHSP 540 (1.5) Knowledge Development in Public Health Nursing
- PHSP 541 (1.5) Social Justice and Public Health Nursing
- PHSP 542 (1.5) Advanced Public Health Nursing Practice

Social Policy

- PHSP 550 (1.5) Perspectives in Social Policy and Public Health
- PSHP 551 (1.5) Social Values, Ideologies, and Policy Analysis
- PHSP 552 (1.5) Healthy Public Policy Strategies

Additional Program Requirements

- PHSP 589 (1.5–3.0) Practicum (450 hours; students must complete a total of 3.0 units of 589 in the MPH program)
- PHSP 508B (3.0) Culminating Report (21 unit option)
- OR
- PHSP 599 (6.0) Thesis (24 unit option)

Elective (1.5 units)

Oral Examination

The projects will be evaluated through a project report and an oral examination with an examining committee including the student’s academic supervisor and a second academic member from The School of Public Health and Social Policy who is also a member of the Faculty of Graduate Studies.
ADMISSION REQUIREMENTS

Admission to the Master’s Program

Students applying for master’s level degrees will be required to hold a bachelor’s degree in an appropriate discipline from a recognized university. Applicants must meet the general requirements set out by the Faculty of Graduate Studies in the Graduate Studies calendar. Ordinarily a B+ average (6.0 GPA) in the last two years of university work is a minimum requirement for admission to the program, however, students may request consideration on the basis of life or work experience equivalency.

Admission to the Doctoral Program

Students applying for doctoral degrees usually are required to hold a master’s degree in an appropriate discipline from a recognized university. Applicants must meet the general requirements set out by the Faculty of Graduate Studies in the Graduate Studies calendar. Ordinarily a B+ average (6.0 GPA) in the last two years of university work is a minimum requirement for admission to the program, however, students may request consideration on the basis of life or work experience equivalency.

Applications will be reviewed by the Faculty of Graduate Studies, the SDH Director and SDH Program Committee. In cases where students have insufficient background in health research, additional coursework may be required as part of the student’s program. This will be determined by the SDH Director in consultation with the SDH Program Committee and the co-supervisors, and communicated to the student in writing at the time of acceptance into the program.

Application Deadlines

Students will be admitted to the SDH program in September of each year.

• February 15 for September entry

PROGRAM REQUIREMENTS

The curriculum for the SDH program is predicated on the thematic areas of research strength outlined above. Intended as research intensive degrees, the master’s and doctoral programs outlined below centre around two 1.5 unit core courses in Fundamentals of Health, two 1.5 unit required methodology courses, mandatory participation in the program colloquium and two 1.5 unit elective courses.

MA, MSc and PhD students will attend the same colloquium and Fundamentals of Health core courses, although the pedagogic expectations will be different at the master's and doctoral levels.

The core courses and colloquium are intended to engender cohesiveness among the students and faculty within the program and to provide students with a basic complement of knowledge and core competencies from which to pursue their independent research. Choices of methodological approach and elective courses are intended to provide flexibility so faculty and students can tailor research programs to suit student interests and research requirements.

The importance placed on the independent research component of the program, especially in the case of the PhD program, is indicated by the number of unit credits allotted to the thesis/dissertation. The primary outcome is a thesis at the master’s level or dissertation at the doctoral level. In the case of doctoral students, candidacy requires that students also pass a comprehensive examination. Three questions related to their particular research area will be crafted by the student in consultation with their supervisory committee. The questions will be answered in a written format, drawing upon pertinent literature and will be evaluated on a pass/fail basis.

Supervisory Committee

The structure of the supervisory committee must meet the requirements set out by the Faculty of Graduate Studies for interdisciplinary students. For master’s students, two co-supervisors, who are members of the Faculty of Graduate Studies at least one of whom has successfully supervised candidates for graduate degrees in the past, must confirm their willingness to supervise before a student can be admitted. For doctoral students, at least one additional faculty member must be added to the supervisory committee following admission. At the time of the thesis/dissertation defense at least one additional member must be added to the examination committee.

MA and MSc Programs (18.0 units)

SDH 500A (1.5) Fundamentals of Health Research I
SDH 500B (1.5) Fundamentals of Health Research II
SDH 501A (1.5) Social Dimensions of Health Colloquium I
SDH 501B (1.5) Social Dimensions of Health Colloquium II
Methodology (3.0) Selected from the list of approved methodology courses
Electives (3.0) Selected from the list of approved elective courses
SDH 599 (6.0) Thesis

Program Length

The master’s program is designed for completion within 2 years.

PhD Program (30.0 units)

SDH 600A (1.5) Fundamentals of Health Research I
SDH 600B (1.5) Fundamentals of Health Research II
SDH 601A (1.5) Social Dimensions of Health Colloquium I
SDH 601B (1.5) Social Dimensions of Health Colloquium II
Methodology (3.0) Selected from the list of approved methodology courses
Electives (3.0) Selected from the list of approved elective courses
SDH 693 (3.0) Candidacy Examination
SDH 699 (15.0) Dissertation

Program Length

The doctoral program is designed for completion within 4 years.
Approved Electives Courses

Final decisions regarding the student's selection of elective courses will be made in consultation with the academic unit where the course is offered, the course instructor and the student's supervisory committee, and will require the approval of the SDH Director and/or Advisory Committee.

ECON 517  The Economics of Canadian Health Care
ED-D 505  Basic Concepts in Human Development
ED-D 506  Selected Topics in Human Development
ED-D 519  Advanced Seminars in Counseling Psychology
ED-D 520  Educational Research Apprenticeship
ED-D 568  Seminar in Special Education: Program, Practices and Policies
ED-D 569  Seminar in Special Education: Current Issues, Research and Applications
HINF 503  HI Research Methods
HINF 510  Information Management and Technology
HINF 570  Epidemiology in Health Services Management
HINF 571  Health Systems Data Analysis
HINF 573  Applied Biostatistics
HINF 591  Topics in HI
EPHE 351  Community and Population Health
EPHE 455  Nutrition for Exercise and Health
EPHE 580  Physiological Issues in Physical Activity and Health
EPHE 582  Neuroscience in Physical Activity and Health
EPHE 583  Issues in Health Promotion and Wellness
EPHE 584  Pedagogical Issues in Physical Activity and Health
EPHE 585  Qualitative Research Genres in Physical Activity and Health
PSYC 531  Environmental Psychology
PSYC 569  Special Topics in Lifespan Development
SOCI 545  Sociology of Health
SOCI 585  Seminar on Aging
SOCW 503  The Social Construction of Health, Illness, and Aging
SOCW 504  Community Development in Health and Social Services

Approved Methodology Courses

Final decisions regarding the student's selection of methodology courses will be made in consultation with the academic unit where the course is offered, the course instructor and the student's supervisory committee, and will require the approval of the SDH Director and/or Advisory Committee.

Quantitative Methods

ADMN 602  Research Methods in Public Administration
ECON 500  Microeconomic Analysis
ECON 501  Macroeconomic Analysis
ECON 545  Econometrics Analysis
ECON 549  Computational Methods in Economics and Econometrics
ED-D 560  Statistical Methods in Education
ED-D 562  Advanced Statistical Methods in Education
GEOG 524  Advanced Quantitative Methods
GEOG 538  Advanced Seminar in Geomatics
HINF 571  Health Systems Data Analysis
PSYC 518  Psychometric Methods
PSYC 532  Applied Multiple Regression
PSYC 533  Applied Multivariate Analysis
PSYC 541  Research Design and Methods in Neuropsychology
PSYC 564  Statistical Methods in Lifespan Development
SOCI 510  Categorical Data Analysis

Qualitative Methods

ED-D 519  Advanced Seminars in Counselling Psychology
ED-D 561A  Methods in Educational Research
ED-D 567  Case Study and Mixed Method Research
ES 501  Methods, Research Design and Communication
GEOG 523  Qualitative Methods in Human Geography
HINF 503  Research Methods in Health Informatics
PSYC 561  Theories and Methods in Lifespan Development
SOCI 511  Research Design
SOCW 515  Qualitative Research Methods
SOCW 516  Research Methodologies

Social Work

GENERAL INFORMATION

Mission Statement

The emerging vision of the School of Social Work in both its undergraduate and graduate programs commits us to socially just social work practices, and to promoting critical enquiry that respects the diversity of knowing and being.

Our educational mission within the Master of Social Work Program is to prepare social workers skilled in critical self-reflection and with an advanced analytic understanding of the social, cultural, political and practical implications of their work. In particular, we emphasize decolonization and feminist, Indigenous and post structural analysis linking policy and practice.

Contact Information

Department of Social Work
Location: Human and Social Development Building, Room B302
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School of Social Work
University of Victoria
PO Box 1700, STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
Human & Social Development Building, Room B302
University of Victoria
Ring Road
Victoria, BC V8W 2Y2
Canada
Telephone Number: .......................... 250-721-8036
Fax Number: .......................... 250-721-6228
The School of Social Work offers graduate programs leading to the degree of Master of Social Work that is fully accredited by the Canadian Association for Social Work Education.

The School offers three program options to complete an MSW:

- MSW Advanced
- MSW Indigenous Specialization
- MSW Foundation

**MSW Advanced**

This program provides BSW holders with the opportunity to reflect on their practice experience in the context of the School's Mission Statement and to apply critical analysis to policy, practice and research. Qualified non-BSW degree holders undertake foundational coursework that prepares them to move into the MSW Advanced program.

Students complete the MSW Advanced program by writing a thesis or completing a practicum and additional course work.

The MSW Advanced program is offered primarily through distance education and starts with a mandatory on campus institute, usually scheduled for late August.

**MSW Indigenous specialization:**

The Indigenous Specialization is designed to provide BSW holders working in Indigenous communities with the opportunity to develop their knowledge and skills within this context. Social workers working for and with Indigenous organizations work in a fundamentally different historical, cultural and administrative environment to those working in non-Indigenous settings.

Entry to the MSW Indigenous Specialization program is every other year.

Students complete the MSW Indigenous Specialization program by writing a thesis or completing a practicum and additional course work.

Qualified non-BSW degree holders undertake foundational coursework that prepares them to move into in the MSW Indigenous Specialization program.

The MSW Indigenous Specialization is offered primarily through distance education and starts with a mandatory on campus institute, usually scheduled for late August.

**MSW Foundation:**

Qualified non-BSW degree holders undertake foundational coursework that prepares them to move into the MSW Advanced program or the MSW Indigenous Specialization. The MSW Foundation program is a full time on campus program in the first year of study. Entry to the program is every other year.

The objectives of the MSW Advanced program are to build on students’ own knowledge as experienced practitioners in order to:

- Develop critical self-reflection and analysis of their role as social workers;
- Analyze, apply and critique social work theories and approaches to practice, using difference-centered theories;
- Cultivate skills in working across difference;
Financial Support

The School provides funding to a limited number of students in the form of fellowships and awards. University of Victoria Fellowships may be awarded annually to registered full-time students of high academic standing (7.0 on the UVic grading scale/A- or above, with applications completed before February 15).

Students in Social Work may be nominated for a limited number of additional scholarships. Detailed information on awards and application procedures and deadlines is available at the Faculty of Graduate Studies website: www.uvic.ca/graduatestudies. The provincial and federal governments each offer student loans to full-time candidates who meet the requirements. In addition, the University of Victoria Tuition Bursary Fund offers assistance to qualified students in serious financial difficulty. Students can also apply for external sources of funding through agencies such as Social Sciences and Humanities Research Council and the Canadian Institute for Health Research (<www.cihr-irsc.gc.ca/funding>), the Michael Smith Foundation (<www.msfrf.org>) and from other provincial and federal funding agencies.

Admission Requirements

General

All candidates for the MSW program must meet all general requirements of the Faculty of Graduate Studies, as well as the specific requirements of the School of Social Work. Human service experience is required for all program entries. Detailed application information is available on the School of Social Work website, at http://www.uvic.ca/hsd/socialwork/future/msw/index.php. All application materials, including the personal statement and resume, must be submitted to the Graduate Admissions and Records Office through the online application. Entry to the program is on a competitive basis, and enrolment may be restricted in any given year.

Admission to the Master’s Program

Entry into the MSW Advanced Program or MSW Indigenous Specialization requires a BSW degree with a minimum GPA of 6.0 (B+) or higher. Admission is highly competitive. Not all students who meet the minimum requirements will be admitted.

Specific to the MSW Advanced Program:

- At least two years of full time (or equivalent - approximately 3000 hours) post-BSW human services experience.

Specific to the MSW—Indigenous Specialization:

- At least two years of full time (or equivalent - approximately 3000 hours) post-BSW human services experience in an Indigenous setting.
  - This requirement reflects the distinctive features of this program.

Admission to the MSW Foundation Program

All applicants will be required to satisfy normal admissions requirements for the Faculty of Graduate Studies. Admission is highly competitive. Not all students who meet the minimum requirements will be admitted.

- Entry requires an undergraduate degree from a recognized degree-granting institution, and a graduating cumulative GPA of 6.0 or higher.
- At least two years of full time (or equivalent - approximately 3000 hours) human services experience.

Deadline

Program offering information is posted to the School of Social Work website in the fall of each year (http://www.uvic.ca/hsd/socialwork/future/msw/index.php). The application deadline is December 1 for both domestic and international applicants. Completed applications and supporting documents must be available for consideration by the School of Social Work on, or prior to, these dates.

Program Regulations

All students in the School of Social Work must follow the Guidelines for Professional Conduct (see below), the Regulations Concerning Practica (see below) and are subject to the provisions of the Canadian Association of Social Work (CASW) Code of Ethics (<www.casw-acts.ca/en/what-social-work/casw-code-ethics>).

Guidelines for Professional Conduct

The School of Social Work expects students to develop and adhere to a professional code of conduct. The School supports models for professional conduct based on the following guidelines:

- adherence to a professional code of ethics;
- exercise of personal discipline, accountability and judgement;
- acceptance of personal responsibility for continued competency and learning;
- willingness to serve the public, client or patient and place them before oneself;
- ability to recognize the dignity and worth of all persons;
- willingness to assist others in learning;
• ability to recognize one’s own limitations;
• maintenance of confidentiality of information (including all electronic communication) appropriate to the purposes and trust given when that information was acquired;
• acceptance that one’s professional abilities, personal integrity and the attitudes one demonstrates in relationships with other persons are the measure of professional conduct.

A student who has breached any of the above guidelines or fails to follow the CASW Code of Ethics in any Social Work course may be:

a) required to engage in a course of action to address concerns; and/or
b) suspended from continued participation in the course prior to the course end date; and/or
c) assigned a failing grade (grade of F or N) for the course; and/or
d) asked to withdraw from the Social Work Program.

Regulations Concerning Practica

General Practicum Policies
The School reserves the right to approve any agency or institution that provides placements for student practica, and to change any placement assigned to a student. The student has the right to be informed in writing of the reasons for any change in placement. While the faculty strives to provide a sufficient number of practicum opportunities to serve the needs of all registered students, a student may be required to withdraw from a practicum if none of the available practicum agencies will accept the student.

Immunizations, Agency Fees and Other Costs
Students may be required to complete their practica in an agency requiring proof of immunization and a criminal record check as part of its screening process. In addition, agencies may charge an administration fee and a fee to process identification badges. Cost related to these requirements and other agency costs associated with the practicum are the responsibility of the student.

All students completing a practicum in BC will be required to complete a criminal record check through the Ministry of Justice.

Application for Practicum
Students must submit an application for practicum approximately two terms in advance of the semester when they are planning to take the course. Applications are available on the School’s web site. The due dates for applications are posted on the school’s website.

Attendance
Attendance at practicum activities is required. Students are expected to notify the placement agency whenever practicum appointments or regular hours of attendance cannot be kept for any reason, and also to inform the course instructor. Failure to do so may result in a student being withdrawn from the practicum setting.

Denial and Withdrawal

Denial
Students will be denied the practicum experience if their preparatory work is considered unsatisfactory by the Director of the School of Social Work.

Temporary Withdrawal of Students Pending Report

The Director may require a student to withdraw temporarily from a practicum if, during the course of a term, there are reasonable grounds to believe that the conduct or lack of competence of a student enrolled in the practicum has adversely affected or may adversely affect:

• clients, or
• personnel, including students associated with the practicum

The student will be required to withdraw temporarily pending the receipt of a report on the conduct and lack of competence of the student. This written report from the course instructor will normally be provided to the student within 10 business days of the withdrawal.

Withdrawal
After giving the student an opportunity to be heard, the Director may require a student to withdraw from the practicum if the Director is satisfied that the student’s conduct or lack of competence may adversely affect members of any of the groups identified in the paragraph above.

Voluntary Withdrawal
Students seeking voluntary withdrawal from a practicum, whether permanent or temporary, must receive permission to do so from the Graduate Advisor.

Appeals
The normal avenue of final appeal is available for students.

Information Sharing
The University of Victoria School of Social Work is committed to supporting students to become capable, professional Social Workers. Evaluative feedback about student progress may be shared amongst instructors and staff in the School in order to promote student success or address concerns about professional conduct.

PROGRAM REQUIREMENTS

MSW Foundation Program
The MSW Foundation program is a full time on campus program in the first year of study. MSW Foundation students must take 16.5 units to complete the Foundation Program followed by 15 units in the MSW Advanced Program to complete their MSW degree. The Foundation courses are comprised of seven 1.5-unit courses for a total of 10.5 units, 1.5 units of an elective plus a 4.5 unit practicum.

Course Requirements (10.5 units)

SOCW 540 (1.5)  Foundation Practicum
SOCW 541 (1.5)  Introduction to Critical Social Work Practice
SOCW 544 (1.5)  Social Work, the State and Citizenship
SOCW 546 (1.5)  Collaborative Conversations
SOCW 547 (1.5)  Historicizing Social Work: Friendly Visits to Social Justice
SOCW 549 (1.5)  Research Foundations
SOCW 550 (1.5)  Social Justice, Social Work and the Law
SOCW 551 (1.5)  Indigenous Communities: Practice and Policy Electives (1.5)

Students must take at least 1.5 units of elective courses. MSW students may take one 400 level course as an elective in their entire MSW program with the permission of the course instructor and the Graduate Adviser. Undergraduate courses taken prior to admission to the MSW cannot be used for graduate elective credit.

Additional Program Requirements
To be eligible to progress to MSW Advanced or MSW Indigenous coursework, students must maintain a 5.0 (B) average, be in good standing with the Faculty of Graduate Studies and complete all the foundation core-courses and practicum requirements.

Program Length
The maximum time limit for the MSW Program is 5 years. Generally, full-time students complete their programs in less than 3 years.
MSW Advanced program
The MSW Advanced program is offered primarily through distance education and starts with a mandatory on campus institute, usually scheduled for late August.

Thesis option
The MSW Advanced program (thesis option) requires a minimum of 15 units. The 15 units are made up of 7.5 units of core courses, 1.5 units of electives, and a 6.0 units thesis.

SOCW 510 (1.5) Policy Context of Practice
SOCW 511 (1.5) Contemporary Debates and Ethical Dilemmas in Social Work
SOCW 512 (1.5) Knowledge and Inquiry: Re-Theorizing Social Work
SOCW 515 (1.5) Transnational Social Work
SOCW 516 (1.5) Research Methodologies
SOCW 599 (6.0) Thesis

Electives (1.5 units):
Students must take at least 1.5 units of elective courses. MSW students may take one 400 level course as an elective in their entire MSW program with the permission of the course instructor and the Graduate Adviser. Undergraduate courses taken prior to admission to the MSW cannot be used for graduate elective credit.

Program Length
The maximum time limit for the MSW Program is 5 years. Generally, full-time students will complete their programs in less than 3 years.

MSW Advanced program
Course-based option
The MSW Advanced program (course-based option) requires a minimum of 15 units. The 15 units are made up of 9.0 units of core courses, 1.5 units of electives, and a 4.5 unit advanced practicum.

SOCW 510 (1.5) Policy Context of Practice
SOCW 511 (1.5) Contemporary Debates and Ethical Dilemmas in Social Work
SOCW 512 (1.5) Knowledge and Inquiry: Re-Theorizing Social Work
SOCW 515 (1.5) Transnational Social Work
SOCW 516 (1.5) Research Methodologies
SOCW 571 (1.5) MSW Capstone
SOCW 506A (4.5) MSWI Practicum

Electives (1.5 units):
Students must take at least 1.5 units of elective courses. MSW students may take one 400 level course as an elective in their entire MSW program with the permission of the course instructor and the Graduate Adviser. Undergraduate courses taken prior to admission to the MSW cannot be used for graduate elective credit.

Program Length
The maximum time limit for the MSW Program is 5 years. Generally, full-time students will complete their programs in less than 3 years.

Master’s with Indigenous Specialization

Course-based option
The MSW-Indigenous Specialization degree (course-based option) requires a minimum of 15 units. The 15 units are made up of 7.5 units of core courses, 3.0 units of electives, and a 4.5 unit MSWI practicum.

SOCW 510 (1.5) Policy Context of Practice
SOCW 516 (1.5) Research Methodologies
SOCW 521 (1.5) Indigenous Perspectives on Knowledge and Research
SOCW 523 (1.5) Self-conscious Traditionalism in Indigenous Social Work Practice Seminar
SOCW 571 (1.5) MSW Capstone
SOCW 506A (4.5) MSWI Practicum

Elective (3.0)
Student must take at least 3.0 units of elective courses. MSWI students may take one 400 level course as an elective in their entire MSW program with the permission of the course instructor and the Graduate Adviser. Undergraduate courses taken prior to admission to the MSWI program cannot be used for graduate elective credit.

Program Length
The maximum time limit for the MSWI Program is 5 years. Generally, full-time students complete their programs in less than 2 years.

Sociology

General Information
At the level of graduate studies, the Department of Sociology includes among its research and teaching strengths the six core areas of concentration designated in its doctoral program: aging, gender, health, political sociology/social movements, social inequality, and cultural, social and political thought. Graduate studies in Sociology are designed to emphasize the connections between core areas and to encourage students to develop competencies in more than one area, particularly at
the doctoral level. Further information is available at the department’s website (see below).

**Contact Information**

Department of Sociology  
Location: Cornett, A333  
Mailing Address:  
PO Box 3050  
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Canada  
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Victoria, BCV8P 5C2  
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Telephone Number: ............................................................ 250-721-7572  
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Email: soci@uvic.ca  
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Chair: Dr. Sean Hier  
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Graduate Adviser: Dr. Steve Garlick  
Email: sgarlick@uvic.ca  
Phone:................................................................................... 250-721-8600  
Graduate Secretary: Zoe Lu  
Email: zoec@uvic.ca  
Phone:................................................................................... 250-721-7572

**Faculty Members and Areas of Research**

**Douglas E. Baer, PhD (Waterloo)**  
Social inequality; political sociology; quantitative methods; voluntary associations; immigration

**Cecilia M. Benoit, PhD (Toronto)**  
Marginalized populations; work and occupations; sex industry; stigma and discrimination; health; drug use; equity; social policy

**William K. Carroll, PhD (York)**  
Political economy; social movements; Marxism and post-Marxism; critical social theory and methods; fossil capital and climate crisis

**Neena L. Chappell, PhD (McMaster)**  
Aging; health; health care and social policy; Chinese families; dementia care

**Aaron H. Devor, PhD (Washington)**  
Transgender, LGBTQ+ gender and sexuality

**Steve Garlick, PhD (CUNY)**  
Masculinity; gender relations; critical social theory; sexuality; bodies; technology and science studies

**Garry Gray, PhD (Toronto)**  
Crime and deviance; institutional corruption; socio-legal studies; behavioral ethics; culture; health; organizational theory; sociology of science; qualitative methods

**Helga K. Hallgrimsdottir, PhD (Western Ontario)**  
Social movements; historical sociology; gender; culture and social action; citizenship studies

**Sean P. Hier, PhD (McMaster)**  
Social problems; moral panic; media; social theory; criminalization; human/nonhuman relations; urban lifestyles; modern postural yoga

**Karen M. Kobayashi, PhD (Simon Fraser)**  
Aging; family; health and health care; ethnicity and immigration; research methods

**Catherine Krull, PhD (Alberta)**  
Migration; diasporas; inequality; transnationalism; circuits of knowledge; gender politics and the state; body/reproductive politics; Cuba/Latin America; postcolonialism/indigenous issues

**Martha McMahon, PhD (McMaster)**  
Environment; local food and farming agrifood governance; ecological feminism; human dimensions of climate change

**Margaret J. Penning, PhD (Alberta)**  
Aging; health and health care; social networks and social support; research methods

**André P. Smith, PhD (McGill)**  
Health; aging; deviance; social control; mental health; blood donation; qualitative research methodologies

**Peyman Vahabzadeh, PhD (Simon Fraser)**  
Classical and contemporary social theory; social movements; phenomenology; Iranian studies; exile

**Zheng Wu, PhD (Western Ontario)**  
Demography; family; aging; health; immigration; quantitative methods

**Min Zhou, PhD (Harvard)**  
Global and transnational sociology; economic sociology; political sociology; social network analysis; quantitative methods; East Asian societies

**Emeritus Faculty**

**C. David Gartrell, PhD (Harvard)**  
Networks; social psychology; theory; methods and statistics; religion

**Robert B. Hagedorn, PhD (Texas-Austin)**  
Formal organization; social psychology; social change; theory

**R. Alan Hedley, PhD (Oregon)**  
Social change and development; sociology of work and technology; comparative cultures; research methodology

**Richard L. Ogmundson, PhD (Michigan)**  
Inequality; political sociology; elites

**T. Rennie Warburton, PhD (London School of Economics)**  
Religion; class relations and ideology; racism and ethnicity

**Adjunct Faculty**

**B. Singh Bolaria, PhD (Washington State)**  
Social inequality; labour migrations; immigration policy; health and illness

**Thomas K. Burch, PhD (Princeton)**  
Demography; family; theory and methodology; computer modelling

**Barry Edmonston, PhD (Michigan)**  
Demography; human ecology; quantitative methodology

**James C. Hackler, PhD (Washington)**  
Deviance; social control; criminology and delinquency

**Feng Hou, PhD (Western Ontario)**  
Demography; immigration; race and ethnicity; labour economics; social policy

**Mikael Jansson, PhD (Western Ontario)**  
Health; substance use; street youth; ethics; research methods

**Sharon M. Lee, PhD (Princeton)**  
Social demography; immigration; race and ethnicity; social inequality

**Dorothy E. Smith, PhD (UC, Berkeley)**  
Social organization of knowledge; institutional ethnography
Degrees and Specializations Offered
The Department of Sociology offers courses of study leading to the degrees of Master of Arts and Doctor of Philosophy.

Facilities
Facilities available exclusively for Sociology graduate students include the Roy Watson Computer Laboratory, where software is available for the analysis of both qualitative and quantitative data.

Through its affiliation with the B.C. Regional Data Centre, the University provides extensive access to Statistics Canada survey data at the university library. Graduate students have access to the B.C. Provincial Archives and to national and international data sets through the Inter-University Consortium for Political and Social Research (ICPSR).

The department participates in research centres that include the Centre on Aging (arguably the best unit of its kind in Canada), the Centre for Addiction Research of BC, and the Centre for Youth and Society, and in the highly innovative Interdisciplinary Program in Cultural, Social, and Political Thought (CSPT, see below).

Financial Support
Graduate students are supported by fellowships and scholarships, teaching and research assistantships, and (for master’s students) work placements in UVic’s Co-operative Education Program, the third largest in Canada. The Co-op option allows master’s students to gain valuable paid work experience while completing degree requirements.

Not all MA students can expect to be funded. As well, the department normally funds MA students only in the first two years of their program. To qualify for second-year funding, a student needs to make adequate progress in the first year. Generally, this means completing six courses with a GPA of 6 or better.

All doctoral students are funded at a minimum level of $12,000 for each of three years. The department strives to support its doctoral students with funds approaching $18,000 for each of these years. Sources for funds can include teaching and research assistantships, grants and fellowships from the Faculty of Graduate Studies, external grants and fellowships, and sessional teaching work for doctoral students after completion of all coursework and candidacy exams.

All eligible students are encouraged to apply for funding from provincial, federal and external sources.

Admission Requirements
The department welcomes applications from Canadian and international students with strong backgrounds in sociology or closely related fields. All applications should include a full set of official transcripts, at least two letters of reference, a writing sample, and a statement of intent.

With rare exceptions, master’s and doctoral students enter their programs in September. This is mainly because funding is normally available only for students beginning their programs at that time. Graduate seminar courses are offered only in the fall and spring terms; however, graduate students may arrange with individual faculty to take Directed Studies courses (SOCI 590 and 690) in the summer term (May-August).

Admission to the Master’s Programs
Admission to the master’s program requires a bachelor’s degree, with a minimum overall average of 8+ (6.0) in the final two full years of credit units or undergraduate work. All incoming master’s students must fulfill the requirements expected of undergraduate Honours students in this department. Students without the prerequisites for the graduate courses they need to take will be required to take the prerequisites as part of their degree program (see Sociology graduate course listings for details). The admissions selection process is competitive. Not all students who meet the minimum requirements will be admitted. Typically, between 8 and 10 master’s students are admitted to the program each year.

Admission to the PhD Program
Admission to the PhD program normally requires a master’s degree in Sociology or a related social science discipline with a minimum average of 7.0 to 7.5 (A- to A) in graduate courses. To be admitted to the program, an applicant must have excellent letters of reference, present a clear statement of research interests and submit an example of strong scholarly work. The University’s English language competency requirement applies. All eligible applications are reviewed by the departmental Graduate Committee (chaired by the Graduate Adviser).

Admission to the Concentration in Cultural, Social and Political Thought (CSPT) Program
This program is open to selected students in Sociology, English, Environmental Studies, History and Political Science. Students must meet the core graduating requirements of the individual departments.

Students must apply for admission online, choosing the Concentration in Cultural, Social and Political Thought option for Sociology. If approved by the department, the application will be reviewed by the CSPT Admissions Committee. Applicants must already have been accepted for graduate studies in Sociology. For full information about the program see <www.uvic.ca/interdisciplinary/cspt/>

The requirements for the program in the Departments of English, Environmental Studies, History and Political Science differ from those in Sociology.

See also the entry for “Concentration in Cultural, Social and Political Thought (CSPT)”, page 3.

Deadlines
- Domestic with financial support: January 15th (for Sept. entry)
- Domestic without financial support: January 31st (for Sept. entry)
- International: 15 December (for Sept. entry)

Program Requirements
Master’s
The department offers two programs leading to the MA degree. Normally, students will declare their intentions of pursuing one or the other option by the end of April of their first year in the graduate program.

The programs leading to the Master of Arts degree in Sociology, while containing a core of theory and method, are designed to provide flexibility for students as well as to reflect the diversity which characterizes the discipline. Individual programs beyond the core are designed to fit students’ interests and to supplement areas in which they may require additional work, insofar as faculty resources and specializations permit.

Normally, work as a research assistant or teaching assistant is an integral part of the master’s program in Sociology.

Students are urged to consult the most recent edition of A Guide to Graduate Studies in Sociology, which may be obtained at the departmental Office and on our website. The Guide provides further details of the program and specifies additional requirements for program completion.

Thesis-based Master’s
This program involves 9 units of course work and a 6-unit thesis, with at least 12 of the 15 units drawn from Sociology listings in the calendar. At least 15 units must be at the graduate level; 15 units may be selected from undergraduate Sociology courses numbered 300 and higher (subject to approval by the Graduate Adviser). In this program, students write a thesis (SOCI 599) for which they receive 6 units of credit. Students are required to demonstrate competence in both sociological theory (SOCI 503 or 504) and method (SOCI 507 and 515).
In addition, normally students must complete at least one of the following: SOCI 508, 511, 525, 535, 545, 556, 566, 585. CSPT 500 or CSPT 501 may be substituted for these courses if the CPST section is taught by a member of the Sociology department. These courses are designed to facilitate the range of interests displayed by traditional and contemporary sociological inquiry. The range of such interests is illustrated by the current areas of interest declared by the Sociology faculty.

Course Requirements:
Thesis (SOCI 599) ................................................................. 6.0
Statistical Analysis (SOCI 507) ................................................. 1.5
Qualitative Research Methods (SOCI 515) ................................ 1.5

One of the following:
Classical Sociological Theory (SOCI 503) ............................ 1.5
Contemporary Social Theory (SOCI 504) .............................. 1.5

At least one of the following:
Linear Models (SOCI 508) ...................................................... 1.5
Research Design (SOCI 511) ................................................. 1.5
Gender, Power and Social Justice (SOCI 525) .................... 1.5
Political Sociology (SOCI 535) .............................................. 1.5
Sociology of Health (SOCI 545) ............................................. 1.5
Social Inequality (SOCI 556) .................................................. 1.5
Social Movements (SOCI 566) .............................................. 1.5
Seminar on Aging (SOCI 565) ............................................... 1.5
Topics in Cultural, Social and Political Thought (CSPT 500)* .............................................................. 1.5
Contemporary Cultural, Social and Political Thought I (CSPT 501) ............................................................. 1.5

* May be taken more than once if course content differs.

Thesis Preparation
Before a student commences work on the thesis, a thesis proposal outlining the student’s problem (from a theoretical and methodological viewpoint) must be approved at a meeting of the student and her/his supervisory committee. A copy of the proposal and the recommendations of the supervisory committee will be placed in the student’s file. Typically, Sociology theses are between 80 and 120 pages long. Students should consult the Guide to Graduate Studies in Sociology, available at the department’s website, for details on thesis preparation.

MA Oral Examination
All students will undergo an oral examination upon completion of their thesis.

MA Supervisory Committee
Students in the thesis option will be supervised by a committee consisting of their academic supervisor and at least one other member from the home academic unit. Additional committee members may or may not be from the home academic unit.

Program Length
The department expects full-time students to spend two years completing the master’s degree. Students who take the Co-operative Education option can expect to take close to three years to complete the master’s degree. Students who complete the master’s degree on a part-time basis can expect to take three to four years, depending on how many terms involve full-time enrolment and how many involve part-time enrolment.

Thesis-based Master’s with CSPT
CSPT Master’s students must complete 9 units of course work and a 6-unit thesis (SOCI 599) whose topic must be within the field of CSPT. Within or in addition to the 9 units of course work, they must complete two CSPT graduate seminars (3.0 units). At least 12 of the 15 units must be drawn from Sociology listings in the calendar (CSPT 500 and CSPT 501 are considered Sociology courses if taught by a member of the Sociology department). At least 13.5 units must be at the graduate level; 1.5 units may be selected from undergraduate Sociology courses numbered 300 and higher (subject to approval by the Graduate Adviser). CSPT Master’s students are required to demonstrate competence in both sociological theory (SOCI 503 or 504) and method (SOCI 507 and SOCI 515).

Course Requirements:
Thesis (SOCI 599) ................................................................. 6.0
Statistical Analysis (SOCI 507) ................................................. 1.5
Qualitative Research Methods (SOCI 515) ................................ 1.5

One of the following:
Classical Sociological Theory (SOCI 503) ......................... 1.5
Contemporary Social Theory (SOCI 504) .......................... 1.5

At least one of the following:
Linear Models (SOCI 508) ...................................................... 1.5
Research Design (SOCI 511) ................................................. 1.5
Gender, Power and Social Justice (SOCI 525) .................... 1.5
Political Sociology (SOCI 535) .............................................. 1.5
Sociology of Health (SOCI 545) ............................................. 1.5
Social Inequality (SOCI 556) .................................................. 1.5
Social Movements (SOCI 566) .............................................. 1.5
Seminar on Aging (SOCI 565) ............................................... 1.5
Topics in Cultural, Social and Political Thought (CSPT 500)* .............................................................. 1.5
Contemporary Cultural, Social and Political Thought I (CSPT 501) ............................................................. 1.5

* May be taken more than once if course content differs.

Project-based Master’s
This program involves 12 units of course work and a 3-unit Major Research Paper, with at least 9 of the 15 units drawn from Sociology listings in the Calendar. At least 13.5 units must be at the graduate level; 1.5 units may be selected from undergraduate Sociology courses numbered 300 and higher (subject to approval by the Graduate Adviser). In this program, students write an Extended Essay (SOCI 598) for which they receive 3 units of credit. Students are required to demonstrate competence in both sociological theory (SOCI 503 or 504) and method (SOCI 507 and 515). In addition, students must complete at least two of the following: SOCI 508, 511, 525, 535, 545, 556, 566, 585, CSPT 500 or CSPT 501 may be substituted for these courses if the CPST section is taught by a member of the Sociology department.

Additional courses may be taken from other departments, up to a maximum of 4.5 units, selected in consultation with the Graduate Adviser and the student’s supervisor, and with permission of the other departments.

Course Requirements
Major Research Paper (SOCI 598) ........................................ 3.0
Statistical Analysis (SOCI 507) ............................................. 1.5
Qualitative Research Methods (SOCI 515) .......................... 1.5

One of the following:
Typically, the Major Research Paper is between 40 and 60 pages long. Defined area of sociology guided by one or more research questions.

At least two of the following:
- Linear Models (SOCI 508)
- Research Design (SOCI 511)
- Gender, Power and Social Justice (SOCI 525)
- Political Sociology (SOCI 535)
- Sociology of Health (SOCI 545)
- Social Inequality (SOCI 556)
- Social Movements (SOCI 566)
- Seminar on Aging (SOCI 585)
- Topics in Cultural, Social and Political Thought (CSPT 500)
- Contemporary Cultural, Social and Political Thought I (CSPT 501)

Final Project
In this program, students write an Major Research Paper (SOCI 598) for which they receive 3 units of credit. This is a piece of independent research work that involves substantial analytical engagement with a defined area of sociology guided by one or more research questions. Typically, the Major Research Paper is between 40 and 60 pages long.

Oral Examination
Students in the project-based program will be supervised by a committee consisting of their academic advisor and one other department member and will undergo an oral examination upon completion of their Major Research Paper.

PhD Program
The PhD program is open to students with research interests in one or more of the following core areas and their intersections:
- aging
- gender
- health
- political sociology/social movements
- social inequality
- cultural, social and political thought (CSPT)

The PhD degree requires 33 units in accordance with the following program.

Course Requirements
All students are required to complete six 1.5 unit graduate courses beyond the MA degree. Unless taken as part of a previous graduate program in Sociology, students will, by the end of their doctoral program, be required to complete two graduate-level social theory courses (SOCI 503 and 504) as well as graduate-level courses in qualitative (SOCI 515) and quantitative (SOCI 508) methods. These four courses have prerequisites at the upper-undergraduate level. To ensure mastery of theory and method, students with grades below B+ in any of the four designated courses must pass a written supplementary examination before the theory/method requirements will be deemed to have been met. Students deficient in basic social theory and methods will be asked to complete the prerequisite courses (additional to the 9.0 required graduate-level units) before taking SOCI 503, 504, 508 and 515. CSPT courses taught by a Sociology faculty member are considered Sociology courses. Sociology doctoral students are encouraged though not required to take graduate courses from other disciplines to enhance their studies. They may take 3.0 units from other departments, selected from a list of approved courses.

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<th>Unit Values</th>
<th>Courses</th>
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<tr>
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<td>CSPT 500</td>
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<td>CSPT 501/601</td>
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<td>Dissertation:</td>
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<td>21.0</td>
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<td>Total:</td>
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Candidacy Examinations
All students must pass a three-part candidacy examination. Students first write a broad-based exam paper that addresses a central topic in sociology, followed by a more narrowly-focused written exam paper that addresses the student’s proposed area of dissertation research (including theoretical and methodological approaches relevant to that area of study). Finally, all students complete an oral examination on both written components. Reading lists are compiled through a collaborative process between the student and the examining committee, and all three parts of the candidacy exam must be passed.

The only exception to this process is for students taking the CSPT option in the PhD program. CSPT students have one candidacy exam administered by the CSPT program, which substitutes for the first, broad-based exam in the candidacy examination process.

Dissertation
Students are required to complete and defend a dissertation proposal before their supervisory committee, normally within six months of passing the candidacy exams. The proposal and oral defense must be considered satisfactory before the student may proceed to the dissertation. All students are required to submit and defend a dissertation worth 21 units of credit.

PhD Supervisory Committee
A PhD student’s supervisory committee must have at least three members: the academic supervisor from the home academic unit, plus one other member also from the home academic unit. The third member must be from outside the home academic unit.

PhD Program - CSPT Option
CSPT doctoral students must meet the core requirements of their own department as well as the specific requirements of the CSPT program. A CSPT PhD student must complete 9.0 units of course work, subject to the same requirements that apply to other Sociology doctoral students (see ‘Course Requirements’ above). CSPT doctoral students are required to take one section of CSPT 500 plus one section of CSPT 600/601. In addition, such students write, as one of their comprehensive exams, a CA exam, set by the CSPT program. Students taking the CSPT doctoral option will have as their supervisor a CSPT faculty member who is also a member of the Sociology department. A Sociology (CSPT) student’s dissertation must meet the requirements of both the CSPT Program and the Department of Sociology. The topic must be within the broad field of cultural, social and political thought.

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Co-operative Education
Participation in the Co-operative Education program – which enables students to acquire knowledge, practical skills for employment, and workplace experience – is optional for Master’s and PhD students. Master’s students complete two work terms and PhD students complete three (a work term consists of four months of full-time, paid
employment). Students require permission from their academic adviser and graduate adviser, as well as the Co-op coordinator, to participate in the Co-op program. Interested students should contact the Sociology Co-op office early in their first term. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

**Theatre**

**GENERAL INFORMATION**

The Philosophy of the Theatre department is that the theatre should be studied in all its aspects and that it is best approached through a curriculum that leads to performance. Through all courses and productions, students are encouraged to focus on fundamental creative, interpretive, performative and technical skills as they study the historical, contemporary and educational theories and practices of the theatre arts. Since theatre is a public art, the majority of our work is presented to the public. Our production format includes a Mainstage season of shows, plus a spring festival of new and innovative work co-produced with the Department of Writing.

For more information please consult our website: <finearts.uvic.ca/theatre>.

**Contact Information**

Department of Theatre
Location: Phoenix Building
Mailing Address:
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PO Box 1700 STN CSC
Victoria, BC V8W 2Y2
Canada
Courier Address:
University of Victoria, Theatre Department
3800 Finnerty Road (Ring Road)
Victoria, BC V8P 5C2
Canada
Telephone Number: .......................... 250-721-7991
Fax Number: ........................................ 250-721-6596
Email: theatre@uvic.ca
Website: <finearts.uvic.ca/theatre>
Chair: Dr. Allana C. Lindgren
Email: theatrechair@uvic.ca
Phone: .................................................. 250-721-7991
Graduate Adviser: Dr. Jennifer Wise
Email: wisej@uvic.ca
Phone: .................................................. 250-721-8008
Acting Graduate Secretary: Liz Wellmann
Email: theatre@uvic.ca
Phone: .................................................. 250-721-7991

**Faculty Members and Areas of Research**

Allana Lindgren, PhD (Toronto), Chair
  - Dance history, theatre history, modernism, Canadian cultural history
Conrad Alexandrowicz, MFA (Alberta)
  - Acting, movement for actors, devised theatre
Warwick Dobson, PhD (Sussex)
  - Applied theatre, drama/theatre in education, reminiscence theatre
Patrick DuWors, MFA (Alberta)
  - Set and lighting design

Fran Gebhard, MFA (Vancouver)
  - Acting, directing
Linda Hardy, MA (Toronto)
  - Acting, voice and speech for the stage, 19th-century British theatre, directing
Mary Kerr, BFA (Manitoba), Doctor of Canon Law (honoris causa) (Manitoba)
  - Stage design (costume and set), Canadian theatre, dance, ballet, opera, musical theatre, film, television and special events design
Peter McGuire, MFA (Victoria)
  - Production, direction
Brian Richmond, MA (Toronto)
  - Directing, dramaturgy, acting
Kirsten Sadeghi-Yekta, PhD (Manchester)
  - Applied theatre, aesthetics of theatre, political theatre, community projects, devising for performance
Anthony Vickery, PhD (Victoria)
  - Theatre history, especially melodrama and British and North American theatre of the 19th and early 20th centuries
Jennifer Wise, PhD (Toronto)
  - Theatre history, especially Ancient Greece and the 18th century, theories of acting, opera
Jan Wood, BFA (Alberta)
  - Acting, voice

**Adjunct, Emeritus and Visiting Faculty**

Sarah Blackstone, PhD (Northwestern)
  - American theatre history, especially popular theatre forms
Michael Booth, PhD (London)
  - 19th-century theatre history, especially melodrama
Giles Hogya, PhD (Northwestern)
  - Lighting Design
Alan Hughes, PhD (Birmingham)
  - Theatre history, especially ancient Greek comedy
John Knich, MFA (Yale)
  - Acting and Directing
Juliana Saxton, BA (Toronto)
  - Applied theatre
Allan Stichbury, BFA (Alberta)
  - Stage design (scenic, costumes and lighting), Canadian theatre
Michael Whitfield, MA (Villanova)
  - Lighting design for theatre, opera, and ballet. History of stage lighting, theatre architecture

**Degrees and Specializations Offered**

The department offers the following graduate programs:

- MA in Theatre (Theatre History)
- MA in Theatre (Applied Theatre)
- MFA in Directing
- MFA in Design/Production

**Facilities**

The Phoenix Building is recognized as one of the most innovative and complete production/teaching facilities in Canada. In keeping with the academic philosophy of the teaching program, the Phoenix Building is designed and built around three distinct theatre architectural models, a thrust, a proscenium and a black box studio. Each space is provided with equipment designed to give students, actors, technicians and designers the opportunity to take part in many types of theatre: historic, modern, and experimental. Surrounding these performance spaces are fully equipped support areas: a design studio, scene, costume and properties
workshops. In addition, there are rehearsal areas, makeup and dressing rooms, a movement studio, storage areas for props, scenery and costumes and of course classrooms.

In addition, the Department of Theatre has a good working relationship with the professional community, and educational theatres on Vancouver Island, providing opportunities for graduate students to do various types of practical work off-campus when time permits.

Financial Support
A few graduate students receive University of Victoria Fellowships (currently valued at approximately $13,500 over 12 months), which are awarded annually by the Faculty of Graduate Studies. The primary requirement for a fellowship is a minimum GPA average of 7.0 (UVic scale = approximately an A-average of 80%) in each of the last two undergraduate years and every graduate year.

A limited number of assistantships (TA) are also available from the department for qualified students. The usual level of assistantships is $2,000 per term, which normally can be matched by the Faculty of Graduate Studies for a total of $4,000 per term or $8,000 per year.

Numerous other awards are administered through The Faculty of Graduate Studies. Details can be found on the Faculty of Graduate Studies website: <www.uvic.ca/grad>.

All eligible graduate students are encouraged to apply for funding from provincial, federal and external sources. The Theatre department cannot guarantee funding, although it is our intention that all graduate students receive some financial support in the initial years of their respective programs (for MA and MFA students, the first two years, and for PhD students, the first three years).

ADMISSION REQUIREMENTS

General
In addition to the documentation required by the Graduate Admissions and Records Office (see "Faculty Admissions", page 25), the Department of Theatre also requires applicants for admission to any of the graduate programs to send a letter to Graduate Admissions with a statement of purpose and a detailed resume of their educational background, theatre experience, and teaching experience, if applicable.

Applicants must have completed appropriate undergraduate theatre courses.

References should come from theatre professors and/or recognized theatre professionals.

In addition to satisfying the general requirements for admission to the Faculty of Graduate Studies (please see the UVic Graduate Calendar), applicants must be approved by the Department of Theatre; a minimum GPA of B+ (6.0) is required for admission.

All applicants are judged on a competitive basis and admission is limited. Not all students who meet the minimum requirements will be admitted.

Normally we accept applications only for September enrolment.

Admission to the MA in Theatre (Theatre History)

Applicants must possess either a general knowledge of Western theatre history, from the Greeks to the present, or a strong background in dramatic literature. Applicants must also be familiar with the practicalities of theatre production: design, direction, and performance.

Normally all admissions are conditional upon a diagnostic examination in theatre history.

Admission to the MA in Theatre (Applied Theatre)

Applicants must have already undertaken extensive study in the field of Applied Theatre, or an allied discipline. Applicants must also possess the intellectual, creative and practical skills necessary to succeed in a postgraduate degree level program.

All candidates will be required to provide a full curriculum vitae describing former studies and relevant work experience. Additionally, all candidates should provide a clear statement of intent in which they describe their interests and aspirations in the field, including any special areas of interest, as these relate to the specifics of the program.

Admission to the MFA in Directing

One student is admitted to the MFA program in Directing every two years. The competition is rigorous and a student should not apply unless he/she has an undergraduate degree with a major in theatre and a minimum GPA of B+. The applicant should also have a strong background in dramatic literature and dramatic theory as well as substantial practical experience in acting and directing. MFA in Directing applicants must have a knowledge at the BFA level of Directing, Acting, Theatre History, Lighting, Costume and Scene Design. A candidate’s knowledge may be assessed by a diagnostic examination.

Admission to the MFA in Design/Production

In addition to the above general requirements, MFA in Design/Production applicants will be required to submit a portfolio.

Applicants must have a basic knowledge and some experience in design of scenery, costume and lighting. They should also possess at least a survey knowledge of Western Theatre History and an acquaintance with the art of Directing. A candidate’s knowledge may be assessed by a diagnostic examination.

Deadlines

All applications must be submitted on forms available from the Graduate Admission and Records Office website <uvic.ca/garo> by February 1.

Applicants are automatically considered for a Graduate Fellowship or Award upon application.

PROGRAM REQUIREMENTS

Master of Arts

MA candidates will normally follow the project-based option as described below. For the project-based option, all candidates must complete 13.5 units of graduate course work (as described in the separate entries below) and an MA Essay of 4.5 units. In exceptional cases, a candidate may be granted permission by the graduate adviser to follow the thesis option, which requires completion of 12 units of graduate course work and an MA thesis of 6 units.

Each student will be assigned a faculty supervisor who will assist the student in the development of the final project.

MA in Theatre - Theatre History (Thesis Option)

Course Requirements
Theatre History (including THEA 500A and 500B) ....................... 6.0
Courses to be chosen from a related discipline, to be approved by the Graduate Adviser (3 units may be taken at the 300 or 400 level) .................................................. 6.0
MA Thesis (THEA 599) ................................................................. 6.0

Thesis
The candidate will submit the thesis and orally defend it as part of the requirements of the Faculty of Graduate Studies.

Program Length
The residency requirement is one year. The expected completion time is two years.

MA in Theatre - Theatre History (Project-based Option)

Course Requirements
Theatre History (including THEA 500A and 500B) ....................... 7.5
Courses chosen from a related discipline, to be approved by the Graduate Adviser
(3 units may be at the 300 or 400 level) ............................................. 6.0
MA Essay (THEA 598) ................................................................. 4.5

**Final Project (MA Essay)**

Under the direction of the faculty supervisor, the candidate will prepare, orally defend during examination and submit a paper suitable for presentation at a recognized scholarly conference or a refereed academic journal.

Under special circumstances, the faculty supervisor may approve a student’s request to pursue an MA thesis program. Information is available from the Graduate Adviser.

**Program Length**

The residency requirement is one year. The expected completion time is two years.

**MA in Theatre - Applied Theatre (Thesis Option)**

The faculty supervisor may approve a student’s request to pursue an MA thesis program. Information is available from the Graduate Adviser.

**Course Requirements**

Methods and Materials of 
Theatre Research (including THEA 500A and 500B) .......... 3.0
Research Methods in Applied Theatre 
(THEA 535) ............................................................... 1.5
Other courses, totalling 4.5 units, to be chosen either from Theatre Department courses, or from a related discipline, to be approved by the Graduate Adviser (Units may be taken at the 300 or 400 level, up to a maximum of 3.0 units).
MA Thesis (THEA 599) ............................................................... 6.0
Total ............................................................... 15.0

**Thesis**

The candidate will submit the thesis and orally defend it as part of the requirements of the Faculty of Graduate Studies.

**Program Length**

The residency requirement is one year. The expected completion time is two years.

**MA in Theatre - Applied Theatre (Project-based option)**

**Course requirements**

Methods and Materials of Theatre 
Research (including THEA 500A and 500B) ....................... 3.0
Research Methods in Applied Theatre (THEA 535) .............. 1.5
Other courses, totalling 4.5 units, to be chosen from Theatre Department courses, or from a related discipline, to be approved by the Graduate Adviser (Units may be taken at the 300 or 400 level, up to a maximum of 3.0 units).
Practical Project Associated with MA Essay (THEA 590) ....... 1.5
MA Essay (THEA 598) ............................................................... 4.5
Total ............................................................... 15.0

**Final Project (MA Essay)**

Under the direction of the faculty supervisor, the candidate will design and conduct a research project of workshops and/or performance activity that targets a specific client group. The candidate will prepare, orally defend during examination and submit a reflective paper.

**Program Length**

The residency requirement is one year. The expected completion time is two years.

**Master of Fine Arts**

Applicants must have practical theatre experience and may be required to take a diagnostic examination. Any deficiencies will represent additional requirements for the student and must be eliminated before the student may enrol in the graduate level courses in that area. All courses must be taken at the graduate level unless otherwise specified. Candidates may be required to write comprehensive examinations before proceeding to the practicum.

Each student will be assigned a faculty supervisor who will assist the student in the development of the thesis or practicum.

**MFA in Directing – Project-based Option**

MFA Directing students will direct a number of short projects and at least one full-length play before graduation.

A practicum production is required along with a practicum report.

Members of the performance faculty supervise all projects and productions.

**Course Requirements**

Methods and Materials of Theatre 
Research (including THEA 500A and 500B) ....................... 3.0
Directing and Advanced Directing (THEA 512, 515, 523) .................. 6.0
Design and Production (THEA 508, 509, 510, 520, 521, 522) .................. 3.0
MFA Practicum (THEA 524) ..................................................... 6.0

**Final Project THEA 524, MFA Practicum**

A production to be decided upon in consultation with the student’s supervisor and the department’s graduate faculty.

**Oral Examination**

An oral defence of the practicum production is part of the requirements of the Faculty of Graduate Studies. Normally this defence must occur within two months of the close of the production.

**Other requirements**

If a written comprehensive examination is required, it must be passed prior to commencing work on the practicum production. The comprehensive examination will emphasize the practical areas of the theatre but may include Theatre History.

**Program Length**

Normally two calendar years of residency.

**MFA in Design/Production – Project-based Option**

Candidates develop their knowledge and skills in three major fields of design for the theatre: scenery, costume and lighting. Practical application of theoretical knowledge and learned skills is particularly emphasized. Normally candidates provide designs for a number of departmental productions, specializing in one area of design, with a minor specialization in a second area.

**Course Requirements**

Methods and Materials of Theatre 
Research (including THEA 500A and 500B) ....................... 3.0
Design and Production (THEA 508, 509, 510, 511, 520, 521, 522) .................. 12.0
Final Project: THEA 524, MFA Practicum

A production to be decided upon in consultation with the student’s supervisor and the department’s graduate faculty.

Oral Examination

An oral defence of the practicum production is part of the requirements of the Faculty of Graduate Studies. Normally this defence must occur within two months of the close of the production.

Other requirements

A written comprehensive examination may be required. If required, it must be written no later than the spring term of the second year and prior to commencing work on the practicum production.

Program Length

Normally two calendar years of residency.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to "General Regulations: Graduate Co-op", page 46.

Visual Arts

General Information

Contact Information

Department of Visual Arts
Location: Visual Arts Building, room A244
Mailing Address:  
Graduate Adviser  
Department of Visual Arts  
University of Victoria  
PO Box 1700 STN CSC  
Victoria BC V8W 2Y2
Courier Address:  
Visual Arts Building, room A244  
Department of Visual Arts  
University of Victoria  
3800 Finnerty Road  
Victoria BC V8P 5C2
Telephone Number:  250-721-8011  
Fax Number:  250-721-6595
Email: visualarts@uvic.ca
Website: <www.finearts.uvic.ca/visualarts/>
Chair: Paul Walde  
Email: visualartschair@uvic.ca  
Phone:  250-721-8011
Graduate Adviser: Cedric Bomford  
Email: visualartgrad@uvic.ca  
Phone:  250-721-8015
Graduate Secretary: Laura Nuttall  
Email: visualarts@uvic.ca

Faculty Members and Areas of Research

Cedric Bomford, MFA (Malmö Art Academy)
Installation/Sculpture, Photography
Megan Dickie, MFA (Saskatchewan)
Foundations, Sculpture
Daniel Laskarin, MFA (UCLA)
Sculpture
Sandra Meigs, MA (Dalhousie)
Painting, Drawing
Jennifer Stillwell, MFA (The School of the Art Institute of Chicago)
Sculpture, Video
Paul Walde, MA (New York University) Chair
Painting, Extended Media Practices
Robert Youds, MFA (York)
Painting
Emeritus
Vikky Alexander, BFA (NSCAD)
Photography
Mowry M. Baden, MFA (Stanford University)
Sculpture, Public Art
Lynda Gammon, MFA (York)
Drawing, Sculpture

Degrees and Specializations Offered

MFA

Financial Support

Normally, work as a research assistant or teaching assistant is available to students in the graduate program.

Admission Requirements

General

The MFA program is centred around the major areas: Drawing, Painting, Sculpture, Photography and Digital Multimedia. In the tradition of contemporary practice, members of the department also recognize and encourage work that does not fit singularly into the above categories.

Admission To Master’s Program

Applicants to the MFA program must submit a portfolio of work (consult the Visual Arts website <finearts.uvic.ca/visualarts/prospective_students/masters> for details regarding portfolio submission.) Additionally, a Statement of Intent describing the applicant’s conceptual approach to art-making is required. Applicants should also state why they are applying to the University of Victoria MFA program.

As MFA positions are limited, applications will be reviewed in a competitive context. Students who have not previously completed the equivalent of 12 units of Art History, 6 of which must be at the 300 or 400 level, will be required to take the necessary additional courses at the University of Victoria before the granting of the MFA.

Students with a BFA from the University of Victoria will be encouraged to seek their master’s degree elsewhere.

Deadlines

Portfolio submissions and completed applications to the MFA program must be submitted to the Graduate Admissions and Records Office by January 15. See <finearts.uvic.ca/visualarts/prospective_students/masters> for more information.
GRADUATE PROGRAMS

PROGRAM REQUIREMENTS

Project-based Master’s

Course Requirements

Notwithstanding the Art History requirement, a student must complete the following courses:

- one two-year sequence: ART 500 and 501, or ART 511 and 512, or ART 521 and 522, or ART 541 and 542, or ART 551 and 552; in addition to ART 570, 580, 581 and 598.

Final Project

ART 501, 512, 522, 542 and 552 will culminate in a solo exhibition, normally at the end of the second year of study. This final exhibition (ART 598) will be the major source of evaluation for the student’s attainment of the MFA, and will therefore form the basis of the final oral examination.

Other Requirements

At the end of the first year students will present an exhibition of their own work which will be evaluated by faculty members in the department in order to determine the advisability of a student continuing to the second year. Students will be expected to meet on a regular basis with their faculty supervisor(s) for constructive critiques and seminars dealing with their work.

Program Length

The normal length of time for the completion of the MFA is two years of full-time study, with degree requirements being completed in the spring of the second year. A student may be advised, or permitted upon departmental recommendation, to delay the final exhibition for a period of not more than twelve months.

Co-operative Education

Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op”, page 46.

Writing

GENERAL INFORMATION

The Department of Writing offers a Master of Fine Arts in Writing with a focus in the following genres: poetry, fiction, creative nonfiction, playwriting and screenwriting. A key component in the MFA is courses and practice in the teaching of writing. Workshops are the key to the department’s teaching methods – small groups of students discuss and analyze their craft in intensive workshop and seminar sessions. In addition to its award-winning faculty, the Department hires guest instructors and visiting lecturers who are outstanding practitioners.

Contact Information

Department of Writing

Location: Fine Arts Building, Room 251
Mailing Address:
Graduate Adviser
Department of Writing
University of Victoria
PO Box 1700
Victoria, B.C. V8W 2Y2
Canada
Courier Address:
Fine Arts Building, Room 251
Department of Writing
University of Victoria
3800 Finnerty Road
Victoria, B.C. V8P 5C2
Canada
Telephone Number: ............................................................250-721-7306
Fax Number: .............................................................................250-721-6602
Website: <finearts.uvic.ca/writing/grad>
Chair: David Leach
Email: writingchair@uvic.ca
Phone: ............................................................250-721-7627
Graduate Adviser: Maureen Bradley
Email: gradwrit@uvic.ca
Phone: ............................................................250-721-7306
Graduate Secretary: Valerie Tenning
Email: writing@uvic.ca
Phone: ............................................................250-721-7306

Faculty Members and Areas of Research

Maureen Bradley, BA, MA (Concordia), MFA (Brit Col)
- Film production, experimental film, drama, documentary, feminist and queer media arts

Bill Gaston, BA, MA, MFA (Brit Col)
- Fiction, creative nonfiction, drama for stage and screen

Lee Henderson, BFA, MFA (Brit Col)
- Fiction, creative nonfiction, graphic novel, editing

Lorna Jackson, BA, MA (Vic)
- Fiction, especially the short story, literature of sport, personal essay forms, the writer as teacher, the agrarian landscape

Kevin Kerr, BA (Brit Col)
- Stage, screen, collaborative creation, site-specific theatre, multi-media performance

David Leach, BA (Vic), MA (Queen’s)
- Creative nonfiction, literary journalism, travel writing, magazine publishing

Tim Lilburn, BA (Regina), MA (Gonzaga), PhD (McMaster)
- Poetry, the philosophical essay, the ecological essay

Joan MacLeod, BA (Vic), MFA (Brit Col)
- Stage drama, dramatic monologue, television drama, and contemporary Canadian theatre

Financial Support

A Graduate Award will be awarded to each Master’s student in the first year of the program. There are a number of graduate scholarships available specifically for Writing students, along with others in the university. Students without a previous Master’s degree are eligible to apply for SSHRC funding.

Students are eligible to apply for a teaching assistantship in the second year of the program.
ADMISSION REQUIREMENTS

General
The MFA program focuses on five genres: fiction, creative nonfiction, poetry, playwriting and screenwriting.

Admission to Master’s Program
An undergraduate degree in any discipline and from any accredited college or university in BC as well as from accredited post-secondary institutions from outside the province. Applicants must have an undergraduate degree and a cumulative GPA of B.

There will be only one admission point: September of each year. We will accept only those prepared to make a commitment to full-time studies in the fall and spring semesters of their first year. Applicants will submit a portfolio consisting of samples of writing in the genre in which they wish to study. One of the following will be required: 10-15 pages of poetry; 20-30 pages of playwriting, screenwriting, fiction or creative nonfiction. Professional experience, screenings and publications will also be taken into account. These should be summarized in one to three pages.

Applicants must also submit a 400-word statement of purpose, which will include a description of the manuscript to be worked on and the specific area of expertise to be explored.

In addition to the letters of assessment required for admittance to Graduate Studies, the Department of Writing will require two letters of reference which will include the following: an assessment of the student’s academic standing, talent as a writer, critical ability, capacity for doing self-directed work, and teaching potential.

Deadlines
Applications with supporting material must be received by December 1.

PROGRAM REQUIREMENTS
Students will be required to complete 9 units of classes and a 9-unit major writing project in a two-year period. The Writing Portfolio will be a significant body of publishable material, the basis of a manuscript of poetry or short stories, a novel, a collection of essays or a memoir, biography, travel book. It may also be a stage play or a screenplay ready for production. The program of studies includes:

Required courses:
- WRIT 500 (1.5) Writing Workshop (taken twice)
- WRIT 509 (1.5) Instructional Skills Preparation
- WRIT 501 (1.5) Advanced Studies in Writing (taken twice)
- WRIT 598 (9.0) Major Writing Portfolio

Program Electives:
- WRIT 590 (1.5) Directed Studies in Instructional Skills Preparation
- WRIT 591 (1.5) Directed Studies in Writing

Electives may also be taken from several other sources. Students can request admission into undergraduate courses within the Department of Writing or outside the department with approval from the student’s supervisor. As well, there is a range of courses offered in other graduate programs across campus. There is, however, no guarantee that space will be available in courses in other departments.

Co-operative Education
Participation in the Co-operative Education program - which enables students to acquire knowledge, practical skills for employment, and workplace experience - is optional for Master’s students. Master’s students complete two work terms (a work term consists of four months of full-time, paid employment), and students undertake study and work terms in alternating sessions. Interested students should contact the Humanities, Fine Arts, and Professional Writing Co-op office early in the term in which they are applying. Students are also referred to “General Regulations: Graduate Co-op”, page 46.