

University of Victoria

Supplement

To the 2011-2012 Graduate Calendar

This Supplement contains corrections to the 2011-2012 Graduate Calendar (obvious typographical errors excluded), as well as amendments and new programs approved by Senate and the Board of Governors since publishing. Specific revisions are underlined.

Page 3 – 2011-2012 Important Dates

1st column - correction:

August 2011

~~12 Friday Term 1 examinations end~~

16 Tuesday Examinations end including Faculty of Law

Page 4 – 2011-2012 Important Dates Cont.

1st column - correction:

August 2012

16 Thursday Examinations end in Faculty of Law

Page 8 – University Publications

1st column - correction to listing

Student Awards and Financial Aid

Provides information for new students about funding sources, expected costs and strategies for balancing their budget. Available from Undergraduate Admissions.

Page 9 – Counselling Services

2nd column – delete the following two sections:

~~International Student Counselling & Advanced Educational Testing/Computer Based Testing Centre~~

Replace with the following two new sections:

Counselling for Indigenous Students

Individual, couples and group counseling is available for Indigenous students through a collaboration with UVic's Office of Indigenous Affairs. Support can address a wide variety of issues such as: strengthening of identity, processing of colonial trauma, navigating the university environment as an Indigenous learner, and regaining balance and harmony in all aspect of life.

Counselling for International Students

Individual, couples and group counseling is available for currently registered UVic international students on a wide variety of issues such as culture shock, communication, navigating the academic system, and returning home.

Page 15 – Faculty of Graduate Studies

1st column – changes to Executive Committee

Gweneth A. Doane, BSN, MA, PhD (Victoria), Associate Dean

Margot Wilson, BA, MA (Tor), MA, PhD (Southern Methodist)

Representing Business

Chris Graham, Term expires June 30, 2012

2nd column

Representing the Social Sciences,

David Giles, Department of Economics. Term expires June 30, 2013

Representing the Graduate Students' Society

Julia Munk

Page 16 – Degrees and Programs Offered

1st column

The Faculty of Graduate Studies of the University of Victoria administers programs leading to the doctoral and master's degrees, as well as certificates and diplomas as shown at right in the following tables. Details of established programs leading to a doctoral or master's or post-graduate degree are provided within the Graduate Programs section. Degrees Graduate programs may also be taken with a co-operative education option, with an interdisciplinary focus, or by special arrangement.

Faculty Admissions

General Requirements and Procedures for All Graduate Students

The minimum general and academic requirements for admission to the Faculty of Graduate Studies include:

- ~~1. an academic standing acceptable to the Faculty of Graduate Studies and the academic unit concerned~~
1. a baccalaureate degree (or equivalent degree from another country) from an accredited and recognized institution
2. a grade point average of 5.0 (B) in the work of the last two years (30 units) leading to the bachelor's degree. (Please note that individual academic units often set higher entrance standards.)
3. satisfactory assessment reports
4. the availability of an appropriate supervisor within the academic unit concerned
5. the availability of adequate space and facilities within the academic unit concerned.

Application for Admission

There is an application fee of \$~~100~~ 102 if all postsecondary transcripts come from institutions within Canada and \$~~125~~ 127 if any post-secondary transcripts come from institutions outside of Canada. It is non-refundable and can not be credited towards tuition fees. Applications will only be processed after the application fee has been received. Application materials are kept on file for one year, and may be reactivated on request within that year and by

submission of a new application and application fee.
[Payment must be made online at time of application using either Visa or Mastercard. Payment must be made in Canadian funds drawn on a Canadian bank, or in US funds drawn on a US bank.](#)

Page 35 - Tuition and Other Fees

2nd column

UVic Students' Society Universal Bus Pass Plan (U-Pass)

The UVSS provides a mandatory bus pass plan for all graduate students. U-Pass was approved by student referendum in 1999. The U-Pass fee is \$~~78.50~~ ~~76.00~~ per term. U-Pass gives students unlimited access to all Greater Victoria BC Transit buses and HandyDart services at all times and on all **days**.

Fees for International Students

International students (those not holding Canadian citizenship or permanent residency at the beginning of the session) are required to pay international tuition fees for graduate programs and courses. Fees will be adjusted to regular rates for students who show a permanent residency card before the [last day of each term](#) ~~the deadline for dropping courses for each session (October 31, February 28 and June 30).~~

Under Domestic Tuition

Athletics/Recreation-per term (on-campus and local only)	\$ 76.00 71.50
Graduate Students' Society-per term	\$ 55.63 53.94
Graduate Students' Society-per co-op work term	\$ 27.82 26.97
GSS Extended Health Care Plan: per year (single coverage)	\$ 328.00 255.00
Family opt in - \$260.00	
8 month pro-rated fee .	\$ 219.00 170.00
Family opt in - \$190.00	
Dental Care Plan-per year (single coverage) .	\$ 214.00 185.00
8 month pro-rated fee .	\$ 143.00 125.00
U-Pass Bus Pass	\$ 78.50 82.50

International Tuition

Full fee installment	\$2002.72
Half fee installment .	\$1001.36
Non-degree, per unit	\$797.42
Graduate reregistration fees, per term until maximum completion limits .	\$797.42
Program extension fee	\$2002.72
Graduate co-op work term fee (this fee does not form part of the minimum program fee described under Program Fees, above)	\$726.24
Athletics/Recreation-per term (on-campus and local only) .	\$ 76.00 74.50
Graduate Students' Society-per term	\$ 55.63 53.94
Graduate Students' Society-per co-op work term .	\$ 27.82 26.97
GSS Extended Health Care Plan: per year (single coverage)	\$ 328.00 255.00
Family opt in - \$260.00	

8 month pro-rated fee .	\$ 219.00 170.00
Family opt in - \$190.00	
Dental Care Plan-per year (single coverage)	\$ 214.00 185.00
8 month pro-rated fee .	\$ 143.00 125.00
U-Pass Bus Pass	\$ 78.50 82.50

Page 40 – Biochemistry & Microbiology

3rd column – correction to staff listing

Graduate Secretary: Melinda Powell & [Sandra Boudewyn](#)

Page 45 – Business

2nd column – changes to faculty listing

[Wade Danis, PhD \(University of Indiana\)](#)

[International business strategy and management](#)

[Daniel Krause, PhD \(Arizona State University\)](#)

[Operations management, supply chain management](#)

Page 62 – Cultural Heritage Management

****New Program****

See attached Appendix A

Page 76 – Educational Psychology and Leadership Studies

1st column – Program Requirement correction

Master's in Counselling

The program requirement for the MEd degree is a minimum of ~~25.5~~ ~~24~~ units of study. The MA degree is a minimum of ~~28.5~~ ~~27~~ units of study. The following ED-D courses.....

MEd Program Requirements

A minimum of ~~25.5~~ ~~24~~ units of course work is required in the MEd program and a comprehensive exam.

Page 93 – Greek and Roman Studies

2nd column – correction to contact information

Graduate Adviser: [Ingrid E. Holmberg](#) [Gregory Rowe](#)

Email: Ingrid@uvic.ca gdrowe@uvic.ca

Phone.: 250-721-~~8528~~ ~~8521~~

Page 110 – Mechanical Engineering

3rd column – correction to staff listing

Graduate Adviser: [Peter Oshkai](#) [Andrew Rowe](#)

Email: poshkai@me.uvic.ca

Phone.: 250-721-8916

Graduate Secretary: [Christel Taylor](#) [Preet Grewal](#)

Page 111 – Mechanical Engineering Cont...

1st column – deletion to faculty listing

[David Sinton, PEng, PhD \(Toronto\), Associate Professor Microfluidics, Lab-on-chip technologies, Biomedical Microdevices, Biomedical Engineering, Fluid Flow and Heat Transfer in Microstructures](#)

Page 117 – Neuroscience

****New Program****

See attached Appendix B

Page 117 – Nursing

2nd column – correction to contact information

Associate Director, Graduate Education:

[Dr. Lynne Young](#) [Marjorie McIntyre](#)

Email: leyoung@uvic.ca mcintyre@uvic.ca

Phone: 250-472-5678 5283

Page 124 – Pacific and Asian Studies

1st column – correction of name

Chair: [M. Hiroko Noro](#)

Page 125 – Philosophy

2nd column – correction to contact information

Acting-Chair: [Dr. Jeff Foss](#) [Dr. James O. Young](#)

Email: jefffoss@uvic.ca joy@uvic.ca

Phone: 250-721-7513 7509

Graduate Adviser: [Cindy Holder](#) [Colin Macleod](#)

Email: clholder@uvic.ca cmacleod@uvic.ca

Phone: 250-721-7516 7521

Page 129 – Political Science

1st column – deletion of faculty listing

[Dennis Pilon, PhD \(York\)](#)

[Canadian and comparative democratic institutions, party systems \(Western, industrialized countries\), election administration, history of democratization, electoral reform, citizen engagement policies, working class politics, gay and lesbian politics](#)

Page 138 – Public Health & Social Policy

3rd column – remove the last sentence

Financial Support

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 its website at registrar.uvic.ca/safa. ~~In addition, the provincial, territorial and federal governments each offer student loans to fulltime candidates who meet the requirements.~~

Page 148– Sociology

1st column - change in exam designation

Dissertation

Students are required to complete and defend a dissertation proposal before their supervisory committee, normally within six months of passing the [candidacy comprehensive](#) exams. The proposal

Page 151 – Visual Arts

2nd column – correction to contact information

Graduate Adviser: [Lynda Gammon](#) [Robert Youds](#)

Email: lgammon@finearts.uvic.ca ryouds@uvic.ca

Phone: 250-721-8015 8012

Pages 153– 156 Research Centres

1st column - correction/addition:

Dr. Michael Miller, [Acting](#) Associate Vice-President, Research

[Dr. Rachael Scarth, MA, PhD \(Cambridge\)](#),

[Associate Vice President Research Operations](#)

1st column – change of name for the former IDC listing

[UVic Industry Partnership \(IP\)](#)

[Innovation and Development Corporation](#)

(IDC) <web.uvic.ca/industry>

IP is the University Industry Liaison Office....

Page 154 – Centre for Asia-Pacific Initiatives (CAPI)

2nd column – Remove the following staff listing:

[Heidi Tyedmers, MA \(UVic\), Program Manager](#)

Centre for Early Childhood Research & Policy

3rd column – new director and new phone number

[Ulrich Mueller, PhD \(Temple University,](#)

[Philadelphia\), Director](#)

Phone: 250 721-7548

Add the following two [NEW](#) research centres:

****NEW** [Centre for Advanced Security, Privacy, and Information Systems Research \(ASPIRe\)](#)**

[Stephen W. Neville, PhD \(Victoria\), PEng \(BC\), Faculty of Engineering, Director](#)

[The ASPIRe Centre was formally established in 2011 within the Faculty of Engineering with support from the Government of the Province of British Columbia. ASPIRe focuses on advancing research and understanding with the three core inter-related domains of cyber-security, information privacy, and the underlying information systems that have become intrinsic to modern societies.](#)

[ASPIRe has a strong focus on facilitating and being a catalyst for research collaborations within the university in these areas and with external industry, government, and academic partners regionally, nationally, and internationally. ASPIRe also serves as a focal point for the research already underway at the university in these areas. ASPIRe members are involved in numerous industry, government, and academic research projects including in: network engineering, cryptography and cryptanalysis, distributed/cloud systems, health information systems, wireless networks, the semantic web, malware analysis and classification, social networking, mobile devices and applications, etc. ASPIRe is associated](#)

with NSERC's national cyber-security focused strategic network - the Interconnected Systems Security Network (ISSNet) and UVic's recently established Entrepreneurial Engineering Masters Projects (EEMP) conducted in partnership with the Alacrity Foundation.

ASPIRe is open and welcoming of extending its collaborations across the wider university community as the ASPIRe membership fully realize that developing solutions in these pressing domains will require active collaborative efforts between technically and non-technically focused researchers, i.e., across engineering and science, business, law, psychology, political science, economics, etc., as well as active collaborations with its industry and government partners. ASPIRe members have research project support through NSERC, CFI, BC KDF, MITACS, etc.

email: aspire@uvic.ca
website: www.aspire.uvic.ca

****NEW**Victoria Subatomic Physics and Accelerator Research Centre (VISPA)**
Dean Karlen, BSc (U Alberta), PhD (Stanford), Director

The Victoria Subatomic Physics and Accelerator Research Centre (VISPA) brings together an internationally recognized group of particle and accelerator physicists who work to understand the fundamental nature of our Universe. Group members develop new theoretical approaches, participate in leading particle physics experiments around the world, and advance the technology required to pursue this science. The group shares computing and laboratory resources, supports and manages technical staff, and ensures a high-quality graduate and post-doctoral training environment.

The theoretical group has gained an excellent reputation across Canada and has close ties with the Perimeter Institute, a world leading institute in theoretical physics in Waterloo, Ontario. The experimental projects include ATLAS at CERN, at the energy frontier, T2K in Japan, a world leading neutrino experiment, and BABAR at SLAC, at the precision frontier. The University of Victoria is the lead institution on the new electron linear accelerator being built at TRIUMF, thanks to substantial funding from the Canadian Foundation for Innovation and the Province of British Columbia.

Victoria Subatomic Physics and Accelerator Research Centre
Elliott Building, Room 207
University of Victoria
PO Box 3055, STN CSC
Victoria, BC, V8W 3P6
Phone: (250) 721-7736
Website: vispa.phys.uvic.ca

Page 178 – ED-D 522

3rd column – correction of Corequisites:
Corequisites: 518 and 519N or 519C and 519L ~~518, 519C, 519L, 519N~~

Page 239 – Index “S”

3rd column – correct reference page
Student Awards and Financial Aid 33 ~~8~~

Page 240 University Map Directory

1st column – correction
Counselling Services University Centre C-2

Page 230

Senate Ex Officio Members

1st column
~~Acting~~ Dean of Science, Robert Lipson, BSc, MSc, PhD

Members Elected by the Individual Faculties

1st column
Social Sciences
Margot Wilson, BA, MA, MA, PhD

2nd column, - Members Elected by the Convocation
(Terms expire December 31, ~~2011~~ 2010)

Page 234– Key Contacts

Executive and Administrative Officers

1st column –replace ~~Acting V-P Research~~ contact with the following:

Associate Vice-President Research
Dr. Michael Miller.....250-472-5477.....250 721-7971
Associate Vice-President Research Operations
Dr. Rachael Scarth.....250-721-8960.....250-472-4362

University Services

2nd column – corrections/changes
Development:
Mr. Ibrahim Inayatali, Associate Vice-President 250 721-8961 250 721-~~7624~~

Innovation and Development Corporation
UVic Industry Partnerships

Page 235 – University Services Cont.....

1st column
Undergraduate Records:
Ms. Kathleen Boland, Associate Registrar Phone: 250-472-5975

Page 236- Directors of Research

*1st column – add **New** centre information*

[Centre for Social & Sustainable Innovation](#)

[Dr. Monika Winn250-721-6067.....250-721-6071](#)

[Victoria Subatomic Physics & Accelerator Research Centre](#)

[Dr. Dean Karlen.....250-721-7752.....250-721-6585](#)

[Centre in Advanced Security, Privacy & Information Systems](#)

[Dr. Stephen Neville....250-721-6052.....250-721-6017](#)

Change the director of the following centre:

Centre for Early Childhood Research and Policy:

[Dr. Ulrich Mueller.....250-721-7548](#)

Directors of Other Centres

2nd column – change of centre name:

[Innovation and Development Corporation \(IDC\)](#)

[UVic Industry Partnerships](#)

Page 237- Index (C)

2nd column - add:

[Chinese Studies Courses 214](#)

Page 238- Index (J)

3rd column - add:

[Japanese Studies Courses 214](#)

Page 423 - Index (S)

2nd column - add:

[Southeast Asian Studies Courses 214](#)

3rd column – Correct page reference

Student Awards and Financial Aid [33](#) ~~13~~

APPENDIX A

NEW

Cultural Heritage Management

General Information

Contact Information
Cultural Heritage Management Program
Department of History in Art in cooperation with the
Division of Continuing Studies
Location: Division of Continuing Studies Building, Room
343
Mailing Address:
PO Box 3030, Stn CSC
Victoria, BC V8W 3N6
Canada
Courier Address:
3800 Finnerty Road
Continuing Studies Building, Room 343
Victoria, BC V8W 3N6
Canada
Telephone Number: 250-721-8457
Fax Number: 250-721-8774
Email: crmcoord@uvic.ca
Website: <www.continuingstudies.ca> and
<finearts.uvic.ca/historyinart>
Program Director: Joy Davis
Email: joydavis@uvic.ca
Phone: 250-721-8462

Certificate and Diploma Offerings

The Cultural Heritage Management Program offers a Graduate Professional Certificate in Cultural Heritage Studies that can be completed on its own or laddered to a Graduate Professional Diploma in Cultural Heritage Management. Both programs address issues and practices involved in the fields of cultural heritage, and are designed for individuals working with cultural heritage in settings such as museums, cultural centres, galleries, historic sites, parks and landscapes, urban revitalization and public service. The Graduate Professional Certificate is also designed to enable students engaged in graduate degree studies in related fields at UVic to undertake concurrent degree/certificate programs in which selected certificate courses are transferrable to the degree with the approval of the academic unit. Concurrent degree/certificate students can receive both a graduate degree and a graduate professional certificate upon completion of program requirements.

Admission Requirements

Graduate Professional Certificate in Cultural Heritage Studies

To be eligible for admission, students must have an undergraduate degree with a minimum B (5.0) average in

their last two years (30) units leading to the undergraduate degree. Applicants with four or more years of relevant professional experience whose grade point average in their undergraduate degree is below B may be considered for admission as a mature student.

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 Program Admissions Committee for consideration. Admission is a competitive process, based on both grades from prior studies, and evidence of professional experience and achievements that enable the Admission Committee to assess an applicant's ability to successfully complete the program.

To apply for the Graduate Professional Certificate if you are not enrolled in a graduate degree program, please complete the following, and submit either online or by mail, to Graduate Admissions and Records:

- the Faculty of Graduate Studies Application for Admission, available online at <www.pas.bc.ca> or downloadable from the Faculty of Graduate Studies <www.uvic.ca/gradstudies>
- two Assessment Reports from academic referees and one Assessment Report from a workplace referee (e.g. current or former supervisor) in a cultural heritage workplace. To strengthen your application, we recommend that your workplace referee attach a letter of reference to the Assessment Report.
- relevant transcripts
- a professional resume
- the Graduate Professional Certificate in Cultural Heritage Studies Program Application, available on the Cultural Heritage Management website

Deadlines

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:

- the online Graduate Professional Certificate in Cultural Heritage Studies Program Application on the Cultural Heritage Management website or download from the website.

- an application to reregister in the Faculty of Graduate Studies
- two Assessment Reports. While both can be from academic referees, if you have worked in the cultural heritage sector we encourage you to seek an assessment report from a current or former supervisor that comments on your experience.
- a memorandum from your Graduate Advisor confirming the number of Certificate units that can be applied to your graduate degree.

Graduate Professional Diploma in Cultural Heritage Management

Admission to the Graduate Professional Diploma in Cultural Heritage Management is based on completion of the Graduate Professional Certificate in Cultural Heritage Studies, the Diploma in Cultural Resource Management, or the Professional Specialization Certificate in Heritage Conservation Planning within the previous six years, and with a 5.0 (B) average.

If you are completing, or have completed, the Graduate Professional Certificate in Cultural Heritage Studies, you can apply by completing and submitting the following by the posted deadline:

- an application to reregister in the Faculty of Graduate Studies
- the online Graduate Professional Diploma in Cultural Heritage Management Program Application on the CHMP website or download from the website.

If you have completed the Diploma in Cultural Resource Management or the Professional Specialization Certificate in Heritage Conservation Planning within the previous six years, please assemble the following and submit, either online or by mail, to Graduate Admissions and Records, by the posted deadline:

- the Faculty of Graduate Studies Application for Admission, available online at <www.pas.bc.ca> or downloadable from the Faculty of Graduate Studies <www.uvic.ca/gradstudies>
- two Assessment Reports from academic referees and one Assessment Report from a workplace referee (e.g. current or former supervisor) in a cultural heritage workplace. To strengthen your application, we recommend that your referee attach a letter of reference to the Assessment Report.
- relevant transcripts

- a professional resume

- the Graduate Professional Certificate in Cultural Heritage Studies Program Application, available as an online or downloadable form on the Cultural Heritage Management website

Note: CH 560 Cultural Heritage Stewardship and Sustainability is a prerequisite to Graduate Professional Diploma coursework for those students entering on the basis of a Diploma in Cultural Resource Management or a Professional Specialization Certificate in Heritage Conservation Planning

Program Requirements

Graduate Professional Certificate in Cultural Heritage Studies

This program is designed to be completed on a part-time basis, one course per term, to enable students to balance work or graduate study commitments. You are expected to participate as part of a cohort, beginning with CH 560 Cultural Heritage Stewardship and Sustainability and then taking the following online courses sequentially over a period of four to five terms depending upon your selection of a final course.

Students can focus on either a museum studies or heritage planning option by completing the following courses:

Core Courses

Cultural Heritage Stewardship and Sustainability (CH 560)	1.5
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Museum Option

Social Engagement (CH 561)	1.5
Curatorial Principles 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
Planning for Heritage Places (CH 572)	1.5

Elective

The final 1.5 units are selected from the HA 488A-U or HA 489A-L series of courses, or from CH 591 Internship (1.5) or CH 582 Special Topics in Cultural Heritage Management (1.5). When 400-level courses are identified as electives, they will be offered as either CH 588 Special

Studies in Museum Principles and Practices or CH 589 Special Studies in Heritage Conservation.

Students currently enrolled in the Diploma in Cultural Resource Management or the Professional Specialization Certificate in Heritage Conservation Planning may transfer 1.5 units of HA 488 or HA 489 credit to the Graduate Professional Certificate with the approval of the Graduate Advisor.

Graduate Professional Diploma in Cultural Heritage Management

This program is designed to be completed on a part-time basis, one course per term, to enable students to balance work commitments. You are expected to take the two core courses sequentially over two terms. You are able to complete diploma requirements in two to three terms, depending upon your selection of a final course. Note: CH 560 Cultural Heritage Stewardship and Sustainability is a prerequisite to Graduate Professional Diploma coursework for those students entering on the basis of a Diploma in Cultural Resource Management or a Professional Specialization Certificate in Heritage Conservation Planning.

Core Courses

Leadership in Cultural Heritage Management (CH 580)	1.5
Planning for Cultural Heritage Management (CH 581)	1.5

Elective

The final 1.5 units are selected from HA 488A, HA 488M, HA 488P, HA 488Q, or other HA 488 or HA 489 courses, or CH 582 Special Topics in Cultural Heritage Management (1.5), with the approval of the Graduate Advisor. When 400-level courses are identified as electives, they will be offered as either CH 588 Special Studies in Museum Principles and Practices or CH 589 Special Studies in Heritage Conservation.

Program Courses

CH Cultural Heritage Management

**Department of History in Art and Division of
Continuing Studies
Faculty of Fine Arts**

All Cultural Heritage Management courses are subject to differential fees.

CH 560 Units: 1.5

Cultural Heritage Stewardship and Sustainability

This course explores cultural heritage in all its diverse forms, along with the critical roles it plays in defining, reinforcing and contributing to a sustainable world. It discusses the scope and meaning of cultural heritage resources in contemporary

society, and analyzes how diverse approaches to the conservation, access to and management of cultural heritage are continuing to evolve in response to philosophical changes and social, economic, cultural and environmental needs.

CH 561 Units: 1.5

Social Engagement

This course explores the profound social changes that are reshaping the nature and purposes of museums and other cultural heritage organizations in a pluralistic society and considers the implications for all aspects of their specialized functions. It takes a particular focus on how such organizations serve as dynamic social spaces for community engagement and action.

CH 562 Units: 1.5

Curatorial Principles and Practices

The course considers how traditional concepts of curatorship have shifted significantly in the face of more democratic relations with community, more subjective perspectives of knowledge, and increasing emphasis on the museum's social and educative roles. It explores the nature and scope of contemporary curatorial practice and focuses on the ways in which curators engage with cultural heritage resources, develop collections, and generate and share associated knowledge to meet the needs of diverse communities.

CH 563 Units: 1.5

Visitor Experiences

This course explores the evolving concept and implications of an holistic approach to visitor engagement in museums and other cultural heritage institutions, and focuses on museums' relationships with their publics, their capacity to serve as social spaces, strategies for audience research, the characteristics of visitors, communications, exhibitions, formal and informal learning activities, and evaluation strategies.

Note: A combined undergraduate/graduate course; credit will only be granted for one of 570, HA 489.

CH 570 Units: 1.5

Heritage Conservation In Context

This course addresses the complex range of principles and practices that influence heritage preservation and conservation planning and decision-making. The implications of international and national charters, principles, standards and guidelines, are discussed, along with legal, programmatic and financial incentives and constraints.

CH 571 Units: 1.5

Determining Significance of Heritage Resources

This course focuses on the definition of the heritage value or significance of a historic place or resource as a key step in the management of cultural heritage resources. It explores the range of historical aesthetic, social and scientific values that establish the character- defining elements of historic resources, including buildings, structures, historic districts and cultural landscapes. Various methods of inventory and evaluation are discussed along with their roles in guiding subsequent conservation planning and decision-making.

Note: *A combined undergraduate/graduate course; credit will only be granted for one of 571, HA 489C.*

CH 572 Units: 1.5

Planning for Heritage Places

This course focuses on approaches to planning and heritage conservation decision-making, and discusses the components of the heritage conservation planning process, including alignment with local and regional planning priorities, community involvement and consultation, the acquisition and integration of technical and regulatory information and professional expertise, and the integration of planning in the long term management of heritage resources.

Note: *A combined undergraduate/graduate course; credit will only be granted for one of 572, HA 489.*

CH 582 Units: 1.5

Leadership in Cultural Heritage Management

This course explores the nature and attributes of successful and visionary cultural sector leadership, and examines contemporary challenges and issues impacting leadership and management in the cultural heritage sector. Topics include leadership theory and models, the roles of leadership within organizational and community settings, building effective teams and partnerships, and resolving conflict.

CH 583 Units: 1.5

Planning for Cultural Heritage Management

This course addresses strategies for effective planning that provides both a framework and a guide for all aspects of the complex work of cultural heritage organizations. The central roles of planning in organizational and project management are explored, along with a range of planning principles and methods suited to the cultural heritage sector.

CH 584 Units: 1.5

Topics in Cultural Heritage Management

Note: *This course may be taken more than once for credit in different topic areas.*

Prerequisites: *Permission of the Program Adviser.*

CH 588 Units: 1.5

Special Studies in Museum Principles and Practices

May be taken in conjunction with a Cultural Resource Management course in the HA 488 series with permission of the Program Adviser.

Note: *This course may be taken more than once for credit in different topic areas.*

Prerequisites: *Permission of the Program Adviser.*

CH 589 Units: 1.5

Special Studies in Heritage Conservation

May be taken in conjunction with a Cultural Resource Management course in the HA 489 series with permission of the Program Adviser.

Note: *This course may be taken more than once for credit in different topic areas.*

Prerequisites: *Permission of the Program Adviser.*

CH 591 Units: 1.5

Cultural Heritage Internship

A placement in a cultural heritage management setting, designed to build knowledge and skills in a specialized area of practice.

Grading: *INP, COM, F, N.*

APPENDIX B

NEW

Neuroscience

General Information

The Graduate Program in Neuroscience is offered by faculty appointed in several units of the University 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 Adviser: Dr. Brian Christie

Email: brain64@uvic.ca

Phone: 250-472-4244

Graduate Secretary: Karen Myers

Email: dmscsec@uvic.ca

Phone: 250-853-3129

Faculty Members and Areas of Research

Craig Brown, PhD (Calgary)

Stroke neuroanatomy, fluorescence imaging

Robert Burke, PhD (Alberta)

Cellular signalling and neural specification, developmental biology

Daniel Bub, PhD (Rochester)

Cognitive neuropsychology, brain injury

Robert Chow, PhD (New York University)

Neuronal cell type diversity, retinal development

Brian Christie, PhD (Otago)

Learning and memory, synaptic plasticity, neurogenesis

Kerry Delaney, PhD (Princeton)

Synaptic transmission and plasticity, neurodevelopmental disease

Clay Holroyd, PhD (Illinois)

Neurobiological mechanisms of cognitive control

D. Stephen Lindsay, PhD (Princeton)

Memory and cognition, eyewitness memory, children's memory

Michael Masson, PhD (Colorado)

Memory and cognition, cognitive skill development, computational modeling

Patrick Nahirney, PhD (UBC)

Neuroanatomy, synaptic ultrastructure electron microscopy, live cell imaging

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

Ronald Skelton, PhD (UBC)

Cognitive neuroscience, spatial navigation, brain injury

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

Jim Tanaka, PhD (Oregon)

Visual object and face recognition

John Taylor, PhD (Simon Fraser Univ.)

Comparative genomics, gene and gene duplication

Stephanie Willerth, PhD (Washington)

Tissue engineered scaffolds for promoting stem cell differentiation, novel drug delivery systems, and analysis of stem cell differentiation using next generation sequencing

E. Paul Zehr, PhD (Alberta)

Neuromuscular plasticity and motor recovery after injury

Associated Faculty

C.A. Elizabeth Brimacombe PhD (Iowa State)

Eyewitness testimony, social cognition

Mauricio A. Garcia-Barrera PhD, (Univ. of Georgia)

Clinical neuropsychology

David F. Hultsch, PhD Syracuse)

Life-span development

Kimberly A. Kerns, PhD (Chicago Medical School)

Pediatric neuropsychology, clinical psychology, attention and memory disorders

Catherine A. Mateer, PhD (Univ. of Western Ontario)

Clinical neuropsychology, neuropsychological and cognitive rehabilitation, traumatic brain injury

Stuart MacDonald PhD (Univ. of Victoria)

Life-span development

Ulrich Mueller, PhD (Temple)

Development of self-regulation, executive function, social development in infancy and early childhood

J. Don Read PhD (Kansas State)

Memory and cognition

Nancy Sherwood PhD (California-Berkeley)

Neuropeptides in the control of reproduction and growth; evolution of neuropeptides, mainly in fish

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 are accepted into individual laboratories as well as by the Program. Students admitted to the program will have as a home department the department or school in which their thesis supervisor has their primary appointment. Students will be eligible for fellowships and Teaching Assistantships administered by their 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 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, Graduate Neuroscience Program. In addition to the documentation required by the Faculty of Graduate Studies (see page 16) students will need to supply a letter outlining the applicant's research interests and identifying prospective research supervisors.

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.

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 upon recommendation of the supervisory committee or directly with a BSc. 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 by the Neuroscience Admissions Committee, and
- Acceptance from a faculty member willing to act as the student's supervisor and guarantee minimum financial support requirement will be met,
- Two letters of reference.

Deadlines

To be eligible to be considered for a University of Victoria Fellowship applicants must 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

NRSC 500	1.5
NRSC 501A or 501B	4.0
Electives	3.0
NRSC 595	1.5
NRSC 599	9.0

All students must complete NRSC 500 Fundamentals of Neuroscience covering core concepts in cellular, systems and cognitive neuroscience. All students will be expected to enrol in a seminar and research presentation course in either Cellular (NRSC 501A) or Cognitive (NRSC 501B) Neuroscience for at least four terms while in the program. In consultation with their supervisory committee students will complete two electives 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 a minimum of 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 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 at least eight terms during the course of their degree.

Course Requirements

NRSC 500	1.5
NRSC 501A or 501B	8.0
NRSC 693	3.0
Electives	3.0
NRSC 699*	21.0-30.0

*21 units for candidates with an MSc, 30 for candidates with a BSc

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 a minimum of four years to complete.

NRSC

Neuroscience

Division of Medical Sciences

NRSC 500 Units: 1.5

Fundamentals of Neuroscience

This is a breadth course that is team-taught by Cellular and Cognitive Neuroscience faculty. The course covers the essential basics of current neuroscience and introduces students to specific faculty research interests.

Note: *This course is required for all students enrolled in the Neuroscience Graduate Program.*

NRSC 501A Units: 1.0

Advanced Topics in Cellular Neuroscience

Seminar on current topics in Cellular Neuroscience.

Note: *Course participation in NRSC 501(A or B) is mandatory every year the student is enrolled in the Neuroscience Graduate Program up to a maximum of four terms for MSc and eight terms for PhD students.*

NRSC 501B Units: 1.0

Advanced Topics in Cognitive Neuroscience

Seminar on current topics in Cognitive Neuroscience.

Note: *Course participation in NRSC 501(A or B) is mandatory every year the student is enrolled in the Neuroscience Graduate Program up to a maximum of four terms for MSc and eight terms for PhD students.*

NRSC 595 Units: 1.5

MSc Thesis Preparation

Students will be engaged in preparing a thesis proposal for presentation to their supervisory committee. This course will need to be completed by all MSc students enrolled in the Graduate Program in Neuroscience before having a thesis proposal evaluated by their supervisory committee.

Grading: *INP, COM, N, F.*

NRSC 599 Units: 9.0

MSc Thesis

A thesis comprising an original scientific study and/or scientific analysis of a problem germane to contemporary neuroscience.

Prerequisites: *NRSC 595 or equivalent*

Grading: *INP, COM, N, F.*

NRSC 693 Units: 3.0

Candidacy Examination

Required by all PhD students enrolled in the Graduate Program in Neuroscience until they pass their candidacy examination.

Grading: *INP, COM, N, F.*

NRSC 699 Units: 21-30

PhD Dissertation

A dissertation containing an original scientific study which adds new knowledge to the field of neuroscience.

Note: *MSc students require 21 units to fulfill the program requirements. BSc students will receive 30 units to fulfill the program requirements.*

Prerequisites: *NRSC 693 or equivalent*

Grading: *INP, COM, N, F.*