



Okanagan Senate

THE FIFTH REGULAR MEETING OF THE OKANAGAN SENATE FOR THE 2012/2013 ACADEMIC YEAR

WEDNESDAY, 30 JANUARY, 2012

3:30 P.M. to 5:30 P.M.

ASC 130| OKANAGAN CAMPUS

1. Senate Membership – Mr James T. Ridge

Declaration of Vacancy (information)

Pursuant to Rule 12 of the *Rules and Procedures of Senate* the seat of Mr Kyle Nolan is declared vacant.

Nominating Committee (approval) (master page 2)

Nominating Committee Membership

2. Minutes of the Meeting of 19 December 2012 – Prof. Deborah Buszard (approval) (master pages 3-15)

3. Business Arising from the Minutes

4. Deputy Vice-Chancellor's Remarks – Prof. Deborah Buszard (information) (master pages 16-18)

Record of Deputy Vice-Chancellor's Activities for 2 July 2012 to 31 December 2012

5. Curriculum Committee – Dr Dwayne Tannant (approval) (master pages 19-64)

January Curriculum Report

6. Nominating Committee – Mr Curtis Tse (approval) (master page 65)

Appointment of Senator to the Senate Academic Buildings and Resources Committee

7. Report from the Deputy Vice-Chancellor – Prof. Deborah Buszard (information) (master pages 66-72)

Presentation to the External Community Advisory Council (ECAC) on 28 November 2012 regarding the Okanagan Campus Commitment to the Research Universities Council of British Columbia's (RUCBC) Opportunity Agenda for British Columbia.

8. Report from the Provost – Dr W. Wesley Pue (information) (master pages 73-86)

2012 Annual Report on Enrolment

9. Report from the Registrar – Mr James T. Ridge (information) (master pages 87-88)

2013/2014 Academic Year & Term Dates

10. Other Business

Regrets: Kristen Elder, telephone 604.822.5239 or e-mail: kristen.elder@ubc.ca

UBC Senates and Council of Senate website: <http://www.senate.ubc.ca>



2 January 2013

To: Okanagan Senate

From: James Ridge, Secretary

Re: Nominating Committee Membership

A call for nominations was issued at the 20 November 2012 meeting of the Senate for one (1) faculty representative or Dean to serve on the Nominating Committee until August 31, 2014 and thereafter until a successor is elected.

In response to the call for nominations, we received one (1) nomination from Dr. Deborah Roberts. Therefore, I would call for the following motion:

That Dr Deborah Roberts be elected to the Senate Nominating Committee until August 31, 2014 and thereafter until a successor is elected.



Okanagan Senate

Minutes of 19 December 2012

DRAFT

Attendance

Present: Dr Peter Arthur (Acting Chair), Dr Jan Cioe (Acting Chair), Mr R. Adl, Dr L. Allan, Dr P Balcaen, Dean G. Binsted, Dean L. Bosetti, Dr E. A. Broome, Mr S. Bullock, Mr I. Cull, Dr R. Dods, Dean M. Grant, Dr J. Johnson, Mr T. Krupa, Dr C. Labun, Dr Y. Lucet, Dean C. Dr B. Marcolin, Mathieson, Ms L. Patterson, Dr A. Phillion, Dr W. Pue, Dr C. Scarff, Mr R. Sharma, Dean W. Tettey, Dr P. van Donkelaar, Dr S. Yannacopoulos

Regrets: Prof. D. Buszard (Vice-Chair), Mr J. Ridge (Secretary), Mr K. Aziz, Ms S. Baez, Mr J. Baxter, Ms M. Burton, Ms M. Campos, Dr K. Carlaw, Dr F. de Scally, Mr C. Gorman, Dean E. Hall, Ms F. Helfrand, Dr K. Hewage, Dr S. Hilton, Ms J. Lawson, Mr C. Li, Dr A. Milani, Chancellor S. Morgan-Silvester, Dr B. Nilson, Mr K. Nolan, Mr J Ramahi, Mr M. Redekopp, Dr D. Roberts, Dr C. Robinson, Mr T. Smith, Dean R. Sugden, Dr D. Tannant, Mr C. Tse, Dr G. Wetterstrand

Guests: Ms K. Darling, Mr L. Muller, Dr K. Ragoonaden

Via Videoconference: Prof. S. Toope (President)

Recording Secretary: Mr C. Eaton.

Call to Order

The Acting Chair, Dr Peter Arthur, called the fourth regular meeting of the Senate for the 2012/2013 Academic Year to order.

Senate Membership

The Associate Secretary informed Senate of the election of Dr Barbara Marcolin, Faculty Representative for the Faculty of Management to replace Dr Gurupdesh Pander resigned.

Minutes of the Previous Meeting

Jan Cioe	}	That the Minutes of the Meeting of 20 November 2012 be adopted as corrected.
Gordon Binsted		

Approved.

President's Remarks

The President announced that an agreement was reached with the British Columbia Government and Services Employees' Union (BCGEU) for the Okanagan campus since the previous meeting of Senate.

Professor Toope noted that the University recently unveiled a new access and privacy website and encouraged senators to review the material therein.

The President informed Senate that a taskforce had been established to look at blended and online learning and to make recommendations thereon that will come forward to Senate. He suggested that UBC was well placed to take a leadership role in this area but had to ensure it did so in terms that were beneficial to the University. This principle has guided our involvement in the Stanford-led Coursera consortium to date.

Finally, the President informed Senate that Tom Patch is to retire as Associate Vice-President Equity. He suggested that his retirement had opened up an opportunity to consider organizational changes to support equity and diversity across UBC. He stated that a group led by Ombudsperson Shirley Nakata and an external consultant named Nitya Iyer would be leading a review of our operations in this area.

Admission & Awards Committee

The Committee Chair, Dr Spiro Yannacopoulos presented.

CHANGES TO ADMISSION FOR CANADIAN ABORIGINAL STUDENTS

<i>Spiro Yannacopoulos</i>	}	<i>That Senate approve the admissions proposals</i>
<i>Miriam Grant</i>		<i>for Canadian Aboriginal Applicants for</i>
		<i>admission to the 2013 Winter Session and</i>
		<i>thereafter.</i>

Dr Yannacopoulos explained that the change proposed would require aboriginal applicants to self identify to be considered for admission under the policy.

Approved.

POLICY O-52: ADMISSION FOR SECONDARY SCHOOL APPLICATIONS FOLLOWING THE BC / YUKON CURRICULUM AND DISCONTINUATION OF POLICY J-52

See Appendix A: Policy O-52

*Spiro Yannacopoulos
Jan Cioe*

}

*That Senate approve Senate policy O-52:
Admission for Secondary School Applicants
following the BC/Yukon Curriculum; and*

*That Senate discontinue Senate policy J-52:
Admission for Secondary School Applicants
following the BC/Yukon Curriculum, with such
discontinuance to be effective upon the date of
approval Senate policy O-52.*

Senator Yannacopoulos explained the rationale for Policy J-52 and how its provisions were now spent. He noted that the two admissions committees for the campuses have worked towards a new policy that implemented some of the same concepts as J-52 but did so in a better manner. Due to timing, a new joint policy was not possible at this time. When time permits, the Committees plan to propose a new joint policy in upcoming months.

A senator asked what the University's policy was with regards to grades from other provinces.

Dr Yannacopoulos replied that the methods used there were very similar to those set out in O-52 but were expressed elsewhere in the calendar.

Approved.

NEW AND REVISED AWARDS

See Appendix B: Awards Summary

*Spiro Yannacopoulos
E Alan Broome*

}

*That Senate accept the new and revised awards
as listed and forward them to the Board of
Governors for approval; and that a letter of
thanks be sent to the donors.*

Dr Yannacopoulos explained that the Findley Bursary and Yawney Awards were brought back to Senate after consultation with the families.

Approved.

MAJOR ENTRANCE SCHOLARSHIPS

Spiro Yannacopoulos }
Ian Cull } *That Senate accept the Major Entrance Scholarships (MES) award as described below and forward it to the Board of Governors for approval; and*

That Senate discontinue the Community Builders Scholarships award and forward notice of this discontinuance to the Board of Governors for approval, with such discontinuance to be effective upon the date of approval of the Major Entrance Scholarships award.

Senator Krupa asked about the shift from many smaller scholarships to a smaller number of larger awards. He noted that 49 fewer students would receive scholarships. He secondly asked about extra-curricular involvement considerations.

Senator Yannacopoulos noted that his Committee has discussed these considerations. He added that these new awards were renewable for a year and that there would not be a shortage of scholarships for exceptional students.

Senator Cull added that we had created a number of awards that were reliant on recommendations from of local high schools but a number of those schools were not willing or able to help us with these adjudications and thus monies were not being disbursed. In 2009 we launched a national recruiting strategy, as the Okanagan Valley could not supply UBC with a full cohort of students.

In response to a question from Senator Cioe, Mr Cull replied that we did not have data available on scholarship student retention after first year.

In response to a question from Senator Dods, Mr Cull replied that unspent awards funding was returned to the student awards budget for next year.

Senator Patterson advised that she was on the Major Entrance Scholarships Committee and that this group took extreme care to ensure that students are considered beyond just their academic averages; community involvement, extracurricular activities, and recommendations are all taken into consideration.

Approved.

Curriculum Committee

See Appendix C: Curriculum Summary

Dr Jan Cioe presented on behalf of the Committee Chair, Dr Dwayne Tannant.

<i>Jan Cioe</i>	}	<i>That Senate approve the new course, and the new and revised programs, brought forward from the Faculties of Arts and Sciences, Education, and Health and Social Development as set out in the attached proposals.</i>
<i>Gordon Binsted</i>		

Dr Cioe briefly outlined each of the proposals.

He noted that the honours in Computer Science proposal was at the request of students in the BA program and was needed by them as many graduate programs were asking for honours degrees instead of majors in Computer Science. He confirmed for Senator Krupa that Computer Science faculty were available to offer the program.

Speaking to EDUC 104, Senator Cioe explained that this course was designed for Aboriginal students who register at UBC under the Access Studies program. He referenced concerns raised at the Curriculum Committee in the “Aboriginal Access Studies” program not being an official academic program and informed Senate that Enrolment Services was following up on this circumstance. Dr Cioe further noted that credit for this course would be applicable towards most but not all degree programs.

Lastly, Senator Cioe noted that changes were proposed to the Bachelor of Human Kinetics program to improve the program’s administration.

Dean Mathieson asked if the elective requirement needed to be taken outside of Human Kinetics.

Dr van Donkelaar explained that they could be within the faculty and program.

Dean Binsted added the proposal was not to change the number or type of credits taken, just to adjust the way they were being expressed.

Approved.

Dr Jan Cioe assumed the Chair to allow Dr Arthur to present.

Senator Pue noted that as the School of Engineering has developed, it has become more recognized nationally. As a result the school director, Dr Spiro Yannacopoulos will be joining the Engineering Deans Council for Canada as a member.

CENTRE FOR HEART, LUNG, AND VASCULAR HEALTH

Dr Pue described this as a exciting development. Included in the material presented for information were its mandate, funding, and review processes.

Senator Cioe stated that the new centre used the incredible skillset in Health and Social Development to bring benefit to the community and academia and that this should be lauded.

Senator Sharma asked if the centres activities would be covered by the student health plan.

Senator van Donkelaar replied that no, but we may be able to offer a discount to students.

Senator Cioe asked for more detail on the Graduate College; specifically he asked if it would be similar to Green College in Vancouver.

The Provost replied that the college would be an attempt to create an enhanced sense of community for a limited number of graduate students using existing facilities and resources.

Senator Grant noted that the residence would not require much renovation. In terms of programming, the plan at present was to offer one seminar per week and be a synergistic centre for graduate students and faculty members. She further advised that the college principal would be the director of the IGS program. For membership, there is not yet a policy for selection but we wish to ensure a diverse population of scholars; there is no policy yet on selection of members.

A senator asked how we would ensure a proper environment for scholarship.

Senator Cull replied that the College would have its own graduate RA to look after these needs.

Senator Cioe asked if the college residence would only be for single students.

Senator Cull noted that we have a small number of 1 and 2 bedroom units that are used by graduate students with spouses and we would continue to offer these rooms to College members. He added that the Okanagan campus did not house families with children in our residences as we do not have the proper facilities or separation.

Senator Cioe noted that in the recent Space report, increased building access for graduate students was proposed, specifically the collegium; given that, he asked what steps were being taken to give graduate students greater physical access to campus buildings.

The Provost replied that it was a matter of active discussion but he was not aware of the details. He agreed to look into this and the additional matter of security in the evenings on campus and report back to Senate.

Senator Cioe expressed his thanks to the Provost for his work this year.

Other Business

Senator Krupa asked for an update of Social Work communication.

Dean Binsted replied that the director and advisor had met with all current classes and 2nd year pre-requisite classes to discuss options. Only one student has asked for further assistance.

Senator Sharma asked if any progress had been made on having the exam schedule known at the time of registration for courses.

Senator Cioe noted that next semester students would have an earlier sense. The primary problem is multiple sections with common exams given the campus space limitations for large sections – our largest space can only hold 600 students.

Adjournment

There being no further business, the meeting was adjourned at 4:37 pm.

Appendix A: Policy O-52

Please see the Secretary for the formal version of Policy V-52. The following is an excerpt of the key text:

1. Academic criteria, generally as indicated by a calculated admission average and the completion of pre-requisite courses, are the primary basis for determining admissibility to direct-entry undergraduate programs; however, with the approval of Senate, Faculties and programs may elect to use Broad-Based Admission or other criteria to select from applicants whose admission average meets or exceeds Faculty or program thresholds for admission which may vary from year to year.
2. An admission average or interim admission average will be calculated where all Grade 12 courses required for admission have been completed or are in-progress and all required verifiable or official final or interim course grades are available to the University.
3. Admissions averages or interim admission averages shall be based on at least four (4) Grade 12 courses (or the Grade 11 course equivalents under this policy) as specified for the program.
4. Where available, final or interim course grades for Grade 12 courses shall be used in calculating an admission average or an interim admission average; however, notwithstanding 2. above, should one or more of the required Grade 12 courses not have a final or interim course grade at the time of academic assessment, the final course grade for one or more appropriate Grade 11 courses will be substituted into the calculation of the interim admission average as follows:
 - a. for specified Grade 12 courses (English 12/English 12 First Peoples for all programs, or prerequisite Mathematics or Science courses for some programs), a final course grade for a Grade 11 course in the same subject-area shall be substituted; and,
 - b. for other Grade 12 courses, a final course grade for a Grade 11 course may be substituted so long as the course meets the criteria for inclusion as a secondary school course in an admission average but is at the Grade 11 level, and is not in a subject area that is already being used in the calculation of the admissions average
5. Grade 11 courses that may be substituted for Grade 12 courses shall be set out in the procedures to this policy by the responsible committee.
6. Offers of admission based on interim admission averages that include one or more final course grades for Grade 11 courses and/or interim course grades for Grade 12 courses are conditional subject to the satisfactory completion of all required courses and the meeting of any requirements referenced in the letter of admission. Failure to meet any of the requirements referenced in the letter of admission may result in the withdrawal of the offer of admission.

7. Conditions required to retain an offer of admission will be determined by individual Faculties on a year-to-year basis, and Faculty thresholds may be higher than the published University minima.
8. Offers of admission for applicants who fail to meet the referenced conditions will be reviewed by the admitting Faculty on a case-by-case basis.
9. When English 12/English 12 First Peoples is in progress at the point of evaluation, an interim course grade shall be used in the calculation of the interim admission average.
10. When English 12/English 12 First Peoples has been completed at point of evaluation, the admission average or interim admission average is calculated on whichever is the higher of the English 12/English 12 First Peoples final grade (weighted 60% course grade and 40% examination grade) or course grade alone.
11. In cases where a significant discrepancy exists between the English 12/English 12 First Peoples course grade and the examination grade, the University reserves the right to use the examination grade only. A significant discrepancy is determined by a difference of no less than 20% between the English 12/English 12 First Peoples course grade and the examination grade.
12. The responsible committee shall set out the timing for admission decisions for admission to direct-entry undergraduate programs as a procedure to this policy.

Appendix B: Awards Summary

New Awards:

Randall and Claudia Findlay Bursary in Engineering

One or more bursaries totalling \$4,375 are offered by Randall and Claudia Findlay to students in the School of Engineering in the Faculty of Applied Science at the University of British Columbia, Okanagan campus. (First awards available for the 2013/14 Winter Session)

Yawney Family Varsity Athletics Award

Awards totalling \$1,000 are offered by Michael Yawney and family to one or more varsity athletes at the University of British Columbia, Okanagan campus entering first year, with preference given to those who have graduated from a high school in School District 22 (Vernon) or School District 83 (North Okanagan Shuswap). Adhering to athletic association regulations, awards are made on the recommendation of the Athletics & Recreation Department to outstanding students who have demonstrated leadership skills and maintained good academic standing. (First awards available for the 2012/13 Winter Session)

Previously-approved awards with changes in terms or funding source:

Craig Hall Memorial Visual Arts Scholarship in Printmaking

A \$1,000 scholarship is offered by Briar Craig in memory of James and Phyllis Craig (nee Hall) to a student entering third or fourth year who is specializing in printmaking in the Visual Arts Program in the Faculty of Creative and Critical Studies at the University of British Columbia, Okanagan campus. James and Phyllis steadfastly supported the study of visual arts, and printmaking in particular. The award is made on the recommendation of the Faculty. (First award available for the 2012/13 Winter Session)

How Amended:

This award description has been revised to honour the memory of the donor's parents who passed away after the award was established. References to his parents have been added to the first and second sentences, and the donor has also asked that we specify that the award is for a student "entering" third or fourth year.

Appendix C: Curriculum Summary

From the Faculty of Arts and Sciences

1. The following new program:
 - a. B.A. Computer Science Honours Program

From the Faculty of Education

2. The following new course:
 - a. EDUC 104 (3) Introduction to Academic Pedagogy: An Aboriginal Perspective

From the Faculty of Health and Social Development

3. The following revised program:
 - a. Bachelor of Human Kinetics

Appendix D: Emeritus Appointments

Dr.	Fay	Karp	Assoc Professor Emeritus/Emerita	Nursing
Dr.	Carol	McFadyen	Assoc Professor Emeritus/Emerita	Nursing
Dr.	Judy	McAulay	Assoc Professor Emeritus/Emerita	Nursing
Dr.	Marjorie	Wright	Assoc Professor Emeritus/Emerita	Nursing

Record of Deputy Vice-Chancellor & Principal's Activities
Period of: July 2nd, 2012 - December 31st, 2012

External Group

July 18	Jim Hamilton, President; Andrew Hay, VP Education; Charlotte Kushner, Acting VP Students; Bob Eby, VP Finance & Administration, Okanagan College
August 23	Robert Fine, Director of Economic Development, COEDC
August 23	Robert Middleton, External Community Member
August 27	Jeff Keen, CEO, Accelerate Okanagan
August 27	Clare Seerin, Senior Advisor; Adam Sparkes, Director, Government & Community Relations; Rodney Mallmes, Chief Reservoir Engineer; Bridgette Langford, HR advisor, Husky Energy
September 4	Mark Holland, Vice President - Development; Paul Tsang, Managing Co-Owner, New Monaco Enterprise Corp.
September 13	UBC Campaign Cabinet meeting
September 19	External Community Advisory Council (ECAC) Meeting
September 25	Supt. Bill MacKinnon, Insp. Rick Fleuwelling, Insp. Paul Driscoll, Kelowna RCMP
September 25	Ted Cape, CEO, Thinkable Institute
September 25	TEC Canada Discussion with Bob Prosen
September 28	Okanagan Nation Welcome & MOU Signing
October 5	Colin & Lois Pritchard, Founders, The Colin & Lois Pritchard Foundation
October 16	Don Shafer, VP & Regional Manager; Peter Angle, Kelowna General Sales Manager; Diana Arend, Kelowna Promotions Director & Mark Burley, Brand Director, Astral Media Group
October 17	Keith Duahaime, Agricultural Support Officer, COEDC
October 19	Faston Goma, Dean, School of Medicine, University of Zambia
October 25	Doug & Dianne Corbishley, External Community Member
October 31	Caroline Grover, CEO & Amy Zurrer, Communications Coordinator, Kelowna Chamber of Commerce
October 31	Sarah Bevan, President & CEO and Heather Holden, Director, USB Bank (Canada)
November 28	Barry LaPointe, President, Flightcraft
November 28	External Community Advisory Council (ECAC) Meeting
November 29	Interior Health & UBC Joint Advisory Committee Meeting
November 29	Capri Insurance Award Luncheon
November 29	Okanagan College & UBCO Senior Admin Roundtable
December 14	Brad Bennett, President, McIntosh Properties

Government

July 10	Mayor Dan Ashton, City of Penticton, BC
July 12	Mayor Robert Sawatzky, City of Vernon, BC
July 17	Ron Mattiussi, City Manager, City of Kelowna
August 21	Ron Cannan, MP Kelowna - Lake Country
August 21	Hon. Naomi Yamamoto, Minister of Advanced Education & Jim Hamilton, President, Okanagan College
September 17	Kelowna City Council Meeting
October 23	West Kelowna City Council Meeting
November 6	President of CFI, Ottawa, ON
November 6	ADM, Science & Innovation Sector, Industry Canada, Ottawa, ON
November 6	MP J. McCallum, Ottawa, ON
November 6	ADM, Science & Technology, Ottawa, ON
November 7	ADM & Associate DM, Agriculture & Agri-Food Canada, Ottawa, ON
November 7	President & VP Research, CIHR, Ottawa, ON
November 7	MP C. Mayes, Ottawa, ON
November 7	MP D. Albas, Ottawa, ON
November 7	MP K. McLeod, Ottawa, ON
November 8	President, NSERC, Ottawa, ON
November 14	Minister John Yap, Advanced Education, Innovation & Technology & Minister responsible for Multiculturalism, AvEd

Travel

July 10	Penticton, BC - South Okanagan Alumni Summer Social
July 12	Vernon, BC - North Okanagan Alumni Summer Social
July 16	Penticton, BC - BC Wine Council Conference
October 7-10	Montreal, QC - Development & Alumni meetings
October 26	Penticton, BC - En'owkin Centre Meeting & Development Meeting
November 4-5	Toronto, ON - Development & Alumni Meetings
November 6-8	Ottawa, ON - Government Meetings
November 8-9	Calgary, AB - Development Meetings
December 2-3	Winnipeg, MB - AUCC Meeting
December 9-13	Hong Kong, HK - Development & Alumni Meetings

Speeches / Events

July 5	Genome BC
July 18	Development Campaign
September 5	Accelerate Okanagan
September 19	Major Entrance Scholarship Reception
September 26	Kelowna Chamber of Commerce - Imagining our Shared Future - UBC and the Okanagan
September 29	UBC Dialogues
October 17	25th Annual Business Excellence Awards
October 24	Staying Mobile - Alumni Event
December 7	Kelowna Chamber of Commerce with Kelowna's elected MLA's
December 14	Women's Dialogue w/ Premier Christy Clark

Student Events / Meetings

July 5	UBC Student's Union Okanagan meeting
September 17	UBC Student's Union Okanagan meeting
September 19	UBC Student's Union Okanagan meeting
October 12	International Students meeting
October 17	Athletics Students meeting
October 19	Aboriginal Students meeting
October 24	Student Leaders meeting
October 25	UBC Student's Union Okanagan meeting
November 3	Women's Volleyball Welcome Back Reception & Game

Media Interviews

July 4	Chris Walker, Reporter, CBC Daybreak
July 4	Barry McDivitt, Reporter, CHBC TV
July 4	JP Squire, Reporter, Kelowna Daily Courier Newspaper
July 4	Jennifer Smith, Capital News Reporter
July 10	Andre Martin, GM & James Miller, Editor, Penticton Herald
September 4	Barry McDivitt, Reporter, CHBC TV
October 11	Dorothy Brotherson, Reporter, Kelowna Daily Courier Newspaper
November 14	Ron Seymour, Reporter, Kelowna Daily Courier Newspaper

THE UNIVERSITY OF BRITISH COLUMBIA

OKANAGAN SENATE SECRETARIAT
Enrolment Services
Senate and Curriculum Services

Okanagan Campus
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www.senate.ubc.ca

January 30, 2013

To: Okanagan Senate

From: Curriculum Committee

Subject: January Curriculum Proposals (approval)

The Curriculum Committee has reviewed the material forwarded to it by the Faculty of Arts and Sciences and the College of Graduate Studies and encloses those proposals it deems ready for approval.

As such, the following is recommended to Senate:

Motion: That Senate approve the new and revised courses and programs brought forward from the Faculty of Arts and Sciences, and the new courses brought forward from the College of Graduate Studies.

For the Committee,
Dr. Dwayne Tannant
Chair, Curriculum Committee

THE UNIVERSITY OF BRITISH COLUMBIA**OKANAGAN SENATE SECRETARIAT**
Enrolment Services
Senate and Curriculum Services

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January 30, 2013

To: Okanagan Senate

From: Curriculum Committee

Subject: January Curriculum Proposals (approval)

Enclosed please find the following for your consideration:

From the Faculty of Arts and Sciences

1. The following new and revised courses:
 - a. BIOL 201 (3) Introduction to Evolution and Ecology (deletion of BIOL 203, 250; revision to GEOG 207);
BIOL 301 (3) Evolutionary Principles and Methods
 - b. BIOL 265 (3) Principles of Genetics (deletion of BIOL 365)
 - c. BIOL 363 (3) Developmental Biology (deletion of BIOL 263)

2. The following revised programs:
 - a. Major in Biology
Major in Ecology and Evolutionary Biology
Major in Microbiology
Major in Zoology

3. The following new courses:
 - a. GWST 223 (3) Critical Sexuality Studies
 - b. GWST 419 (3) Gender, Dress, and Fashion: Histories and Theories
 - c. GWST 423 (3) Trans-(Gender) Feminisms
 - d. GWST 425 (3) Feminist Geographies of (Un)Belonging
GEOG 425 (3) Feminist Geographies of (Un)Belonging
 - e. GWST 430 (3) Femininities

4. The following revised program:
 - a. Minor in Gender and Women's Studies

From the College of Graduate Studies

5. The following new courses:
 - a. IGS 541 (1-12) d Special Topics in Urban Studies
IGS 542 (1-6) c Directed Studies in Urban Studies
IGS 543 (1-12) d Special Topics in Sustainability
IGS 544 (1-6) c Directed Studies in Sustainability
(deletion of the following seven Urban Studies subject-specific courses:
IGS 562, IGS 563, IGS 564, IGS 565, IGS 566, IGS 567, IGS 568;
deletion of the following two Sustainability subject-specific courses: IGS
507, IGS 570; deletion of IGS 519)



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THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form New Courses/Change to Courses – Okanagan Campus

Category: 1 and 2

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>BIOL 201 (3) Introduction to Evolution and Ecology</u> <u>Fundamental processes underlying adaptive evolution, speciation, and extinction. Methods used to reconstruct the evolutionary histories of, and relationships among, groups of organisms. Factors determining the distribution and abundance of organisms. Competition, predation, and an exploration of processes that promote species coexistence and lead to the maintenance of species diversity. Credit will not be granted for BIOL 201 and any of BIOL 203, BIOL 250, GEOG 207. [3-0-1] Prerequisite: BIOL 125.</u></p>	<p>Draft Academic Calendar URL: N/A</p> <p>Present Academic Calendar Entry:</p> <p>BIOL 203 (3) Introduction to Ecology Introduction to the different disciplines in the field of ecology. Ecology of individuals, physiological and behavioural ecology, ecology of populations, predator/prey dynamics, mimirery systems, competition, territoriality and symbiosis,</p>

<p>GEOG 207 (3) Introduction to Biogeography Geographical ecology emphasizing species distributions, abiotic-biotic interactions, disturbance and vegetation response, and human impacts across spatial scales. Labs and field trips examine local sites and provide students with sampling and analysis skills. <u>Credit will not be granted for GEOG 207 and any of BIOL 201, BIOL 203.</u> [3-3-0] <i>Prerequisite:</i> Either (a) all of GEOG 108, GEOG 109 or (b) all of BIOL 116, BIOL 125 or (c) all of BIOL 117, BIOL 122 or (d) all of EESC 111, EESC 121.</p> <p><u>BIOL 301 (3) Evolutionary Principles and Methods</u> <u>An exploration of the field of Evolutionary Biology as an ongoing scientific endeavour. Current research methodology and development of concepts relating to the study of evolutionary change, adaptation, and the history of life will be</u></p>	<p>community ecology, succession, trophic dynamics, and nutrient cycling. Credit will not be granted for both BIOL 203 and GEOG 207. [3-0-1] <i>Prerequisite:</i> Either (a) BIOL 125 or (b) all of BIOL 117, BIOL 122. <i>Equivalency:</i> GEOG 207.</p> <p>BIOL 250 (3) Evolutionary Biology Natural selection, neutral evolution, the evolutionary perspective on life history variation, speciation and macroevolution. [3-0-0] <i>Prerequisite:</i> All of BIOL 116, BIOL 125.</p> <p>GEOG 207 (3) Introduction to Biogeography Geographical ecology emphasizing species distributions, abiotic-biotic interactions, disturbance and vegetation response, and human impacts across spatial scales. Labs and field trips examine local sites and provide students with sampling and analysis skills. <u>Credit will not be granted for both GEOG 207 and BIOL 203.</u> [3-3-0] <i>Prerequisite:</i> Either (a) all of GEOG 108, GEOG 109 or (b) all of BIOL 116, BIOL 125 or (c) all of BIOL 117, BIOL 122 or (d) all of EESC 111, EESC 121. <u>Equivalency: BIOL 203.</u></p>
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<p><u>examined. Credit will not be granted for both BIOL 301 and BIOL 250. [3-0-0]</u> <u>Prerequisite: One of BIOL 201, BIOL 203.</u></p>	<p>Type of Action: As part of the proposed new Majors in Biology, Ecology and Evolutionary Biology, Microbiology, and Zoology collapse BIOL 203 and BIOL 250 into one course: BIOL 201; attendant revisions to GEOG 207; new course: BIOL 301.</p> <p>Rationale: See Backgrounder.</p>
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Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

Category: 1 and 2

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Sessions: BIOL 265: 2013W; BIOL 365: 2014W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>BIOL 265 (3) Principles of Genetics</u> <u>An introductory course covering the fundamentals of prokaryotic and eukaryotic genetics. Topics include Mendelian genetics, gene expression, recombination, mutations and evolution, plus an introduction to molecular techniques. Credit will not be given for both BIOL 265 and BIOL 365. [3-0-1]</u> <u>Prerequisites: BIOL 125.</u></p>	<p>Draft Academic Calendar URL: N/A</p> <p>Present Academic Calendar Entry:</p> <p>BIOL 365 (3) Classical Genetics Fundamentals of prokaryotic and eukaryotic genomes and inheritance, Mendelian genetics, linkage and recombination, and gene and chromosomal mutations. [3-0-2] Prerequisite: BIOL 200. BIOL 228 is strongly recommended.</p> <p>Type of Action: As part of the proposed new Majors in Biology, Ecology and Evolutionary Biology, Microbiology, and Zoology close and move content from BIOL 365 to second year, to BIOL 265.</p> <p>Rationale: See Background.</p>



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Curriculum Proposal Form Change to Courses – Okanagan Campus

Category: 1 and 2

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>BIOL 363 (3) Developmental Biology</u> <u>Principles of animal development.</u> <u>Embryonic development of key</u> <u>invertebrates is compared to</u> <u>vertebrates at the morphological,</u> <u>genetic, and epigenetic levels.</u> <u>Differential gene expression and</u> <u>cell signaling responsible for the</u> <u>specification of embryonic cell</u> <u>fates and pattern formation will</u> <u>be compared in various animals.</u> <u>Credit will not be given for both</u> <u>BIOL 363 and BIOL 263. [3-3-0]</u> <u>Prerequisite: BIOL 200.</u></p>	<p>Draft Academic Calendar URL: N/A</p> <p>Present Academic Calendar Entry:</p> <p>BIOL 263 (3) Developmental Biology I Introduction to plant and animal development and their underlying causal principles; introductory embryology; meristem development. [3-3-0] Prerequisite: BIOL 200.</p> <p>BIOL 363 (3) Integrative Development Introduction to epigenetic development. Explores how temperature, gravity, biomechanics, nutrition, symbionts, predators, toxins, and behaviour regulate developmental processes to produce phenotypic diversity in a wide variety of organisms. [3-0-0] Prerequisite: BIOL 263.</p> <p>Type of Action: As part of the proposed new Majors in Biology, Ecology and Evolutionary Biology, Microbiology, and Zoology close BIOL 263, and move content to and revise BIOL 363.</p> <p>Rationale: See Backgrounder.</p>



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THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form Change to Program – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Biology</p> <p>Biology</p> <p>[12223] Major in Biology</p> <p>[14669] Note: The UBC Okanagan campus also offers Majors in Ecology and Evolutionary Biology, Microbiology, and Zoology [link to URL: http://www.calendar.ubc.ca/okanagan/proo f/edit/index.cfm?tree=18,282,858,1266].</p> <p>[12224] The Biology Major is designed to provide students with an excellent grounding in all fields of biology and the basic practical skills of the working biologist. This program prepares students for graduate school and professional programs. Students graduating from the UBC Okanagan campus with a B.Sc. in Biology will have a wide variety of practical experience and skills in laboratory</p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,991</p> <p>Present Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Biology</p> <p>Biology</p> <p>[12223] Major in Biology</p> <p>[14669] Note: The UBC Okanagan campus also offers Majors in Ecology and Evolutionary Biology, Microbiology, and Molecular, Cell, and Developmental Biology.</p> <p>[12224] The Biology Major is designed to provide students with an excellent grounding in all fields of biology and the basic practical skills of the working biologist. This program prepares students for graduate school and professional programs. Students graduating from the UBC Okanagan campus with a B.Sc. in Biology will have a wide variety of practical experience and skills in laboratory</p>

and fieldwork, and communications (both oral and written).	and fieldwork, computers , and communications (both oral and written).																																						
	[12233] If students choose to specialize in a subdiscipline of Biology, they may complete a concentration in Physiology. To graduate in this concentration, students must complete specific 300- and 400-level elective courses.																																						
<u>Electives to satisfy B.Sc. Degree Requirements should include a minimum of 12 credits of Arts electives (in addition to 6 credits in English) and 12 credits of other courses (chosen, if needed, to ensure prerequisites are met for third- and fourth-year elective courses).</u>																																							
<u>A minimum of 42 upper-level credits are required, which include at least 36 credits of Science courses (including at least 30 credits of Biology courses).</u>	[12234] 42 upper-level credits (of which 30 must be BIOL credits) are needed to satisfy the requirements for the B.Sc. Biology Major.																																						
<table> <thead> <tr> <th>First Year</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>BIOL 116, 125¹</td> <td>6</td> </tr> <tr> <td>CHEM 111, 113; or CHEM 121, 123¹</td> <td>6</td> </tr> <tr> <td>Two of ENGL 112² or 114, 113, 150, 151, 153</td> <td>6</td> </tr> <tr> <td>MATH 100, 101¹</td> <td>6</td> </tr> <tr> <td>PHYS 111 or 112; and PHYS 102 or 122</td> <td>6</td> </tr> <tr> <td><u>Total credits</u></td> <td><u>30</u></td> </tr> </tbody> </table>	First Year	Credits	BIOL 116, 125 ¹	6	CHEM 111, 113; or CHEM 121, 123 ¹	6	Two of ENGL 112 ² or 114, 113, 150, 151, 153	6	MATH 100, 101 ¹	6	PHYS 111 or 112; and PHYS 102 or 122	6	<u>Total credits</u>	<u>30</u>	<table> <thead> <tr> <th>First and Second Years</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>BIOL 116, 125¹</td> <td>6</td> </tr> <tr> <td>BIOL 200, 263</td> <td>6</td> </tr> <tr> <td>BIOL 202</td> <td>3</td> </tr> <tr> <td>BIOL 203, 228</td> <td>6</td> </tr> <tr> <td>One of BIOL 204, 205</td> <td>3</td> </tr> <tr> <td>One of BIOL 209, 210</td> <td>3</td> </tr> <tr> <td>CHEM 111, 113; or CHEM 121, 123¹</td> <td>6</td> </tr> <tr> <td>CHEM 203, 204; or CHEM 213, 214</td> <td>6</td> </tr> <tr> <td>Two of ENGL 112 or 114, 113, 150, 151, 153</td> <td>6</td> </tr> <tr> <td>MATH 100, 101</td> <td>6</td> </tr> <tr> <td>PHYS 111 or 112; and PHYS 102 or 122</td> <td>6</td> </tr> </tbody> </table>	First and Second Years	Credits	BIOL 116, 125 ¹	6	BIOL 200, 263	6	BIOL 202	3	BIOL 203, 228	6	One of BIOL 204, 205	3	One of BIOL 209, 210	3	CHEM 111, 113; or CHEM 121, 123 ¹	6	CHEM 203, 204; or CHEM 213, 214	6	Two of ENGL 112 or 114, 113, 150, 151, 153	6	MATH 100, 101	6	PHYS 111 or 112; and PHYS 102 or 122	6
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<u>BIOL 200, 201</u> <u>6</u>	
<u>BIOL 202, 265</u> <u>6</u>	
<u>Two of BIOL 204, 205, 209, 210, 228</u> <u>6</u>	
<u>CHEM 203, 204; or CHEM 213, 214²</u> <u>6</u>	
<u>Electives</u> <u>6</u>	
Total Credits <u>30</u>	
Third and Fourth Years	
BIOL 311 <u>3</u>	
BIOL 354 <u>3</u>	
Biology electives numbered 300 or higher <u>24</u>	
Science electives numbered 300 or higher 6	
<u>Other electives numbered 300 or higher</u> <u>6</u>	
<u>Electives to satisfy B.Sc. credit requirements</u> <u>18</u>	
Total Credits 60	
Minimum credits for degree 120	
¹ BIOL 116, 125, CHEM 111, 113 or 121, 123, <u>and MATH 100, 101</u> should be taken in the first year to ensure students have the prerequisites for second year.	
<u>²Strongly recommended.</u>	
	Arts electives 3
	Total Credits 60
	Third and Fourth Years
	BIOL 308 , 311 6
	BIOL 354, 365 6
	Biology electives numbered 300 or higher 18
	Non-Biology Science electives numbered 300 or higher 6
	Arts electives² 9
	Satisfy the B.Sc. credit requirements ³ 15
	Total Credits 60
	Minimum credits for degree 120
	¹ BIOL 116/125, and CHEM 111/113 or 121/123, should be taken in the first year to ensure students have the prerequisites for second year.
	²A minimum of 18 credits of Arts electives is required (including 6 credits in first year English).
	³Total of 120 credits is required for graduation, including a minimum of 42 upper-level credits which include at least 36 credits of Science courses.

	<p>[12290] Physiology Concentration</p> <p>[12292] 42 upper-level credits (of which 30 must be BIOL credits) are needed to satisfy the requirements for the B.Sc. Biology Major.</p> <table> <thead> <tr> <th>First and Second Years</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td colspan="2">As listed under Major in Biology</td> </tr> <tr> <td>Total Credits</td> <td>60</td> </tr> <tr> <th colspan="2">Third and Fourth Years</th> </tr> <tr> <td>BIOL 308, 311</td> <td>6</td> </tr> <tr> <td>BIOL 354, 365</td> <td>6</td> </tr> <tr> <td>BIOL 356</td> <td>3</td> </tr> <tr> <td>One of BIOL 358, 467¹</td> <td>3</td> </tr> <tr> <td>Four of BIOL 318, 341, 358, 459, 467; and 420, 440, 452 if in the appropriate area</td> <td>12</td> </tr> <tr> <td>Non-Biology Science electives numbered 300 or higher</td> <td>6</td> </tr> <tr> <td>Arts electives²</td> <td>6</td> </tr> <tr> <td>Satisfy prerequisites and UBC Okanagan-campus requirements^{3,4}</td> <td>18</td> </tr> <tr> <td>Total Credits</td> <td>60</td> </tr> <tr> <td>Minimum credits for degree</td> <td>120</td> </tr> </tbody> </table> <p>¹ Each course can only be used once to fulfill the concentration requirement.</p> <p>² A minimum of 18 credits of Arts electives is required (including 6 credits in first-year English) for the degree.</p> <p>³ Total of 120 credits is required for graduation, including a minimum of</p>	First and Second Years	Credits	As listed under Major in Biology		Total Credits	60	Third and Fourth Years		BIOL 308, 311	6	BIOL 354, 365	6	BIOL 356	3	One of BIOL 358, 467¹	3	Four of BIOL 318, 341, 358, 459, 467; and 420, 440, 452 if in the appropriate area	12	Non-Biology Science electives numbered 300 or higher	6	Arts electives²	6	Satisfy prerequisites and UBC Okanagan-campus requirements^{3,4}	18	Total Credits	60	Minimum credits for degree	120
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<p>[12297] Biology Honours Program</p> <p>[12298] Through coursework and research experience, the Honours in Biology is an intensive program of study. Students who complete this program will have the ability to work independently and with a high level of competency. The course requirements are the same as in the Major in Biology program, except students must complete 6 credits of BIOL 440.</p> <p>[12299] Admission Requirements</p> <p>[12300]</p> <ul style="list-style-type: none"> • Fourth-year standing. • A minimum overall grade average of 75% over all courses completed. • Enrolment in BIOL 440 with a research project and research supervisor approved by the academic unit. <p>[12301] Graduation Requirements</p> <p>[12303]</p> <ul style="list-style-type: none"> • Completion of the course requirements for the Major in Biology. • A 75% overall grade average. • BIOL 440, with a minimum grade of 75%. A written thesis is required, with a public presentation of the thesis in the form of a poster session or a seminar. 	<p>42 upper-level credits which include at least 36 credits of Science courses.</p> <p>⁴ Students interested in specific careers in Physiology should consider taking BIOL 319 and 366.</p> <p>[12297] Biology Honours Program</p> <p>[12298] Through coursework and research experience, the Honours in Biology is an intensive program of study. Students who complete this program will have the ability to work independently and with a high level of competency. The course requirements are the same as in the Major in Biology program, except students must complete 6 credits of BIOL 440.</p> <p>[12299] Admission Requirements</p> <p>[12300]</p> <ul style="list-style-type: none"> • Fourth-year standing. • A minimum overall grade average of 75% over all courses completed. • Enrolment in BIOL 440 with a research project and research supervisor approved by the academic unit. <p>[12301] Graduation Requirements</p> <p>[12303]</p> <ul style="list-style-type: none"> • Completion of the course requirements for the Major in Biology. • A 75% overall grade average. • A minimum final grade of 68% in BIOL 304, 308, 311, 354, 365. • BIOL 440, with a minimum grade of 75%. A written thesis is required, with a public presentation of the thesis in the form of a poster session or a seminar.
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<p>[12304] Minor in Biology</p> <p>[12305] A student must successfully complete 18 credits of third- or fourth-year Biology courses.</p>	<p>[12304] Minor in Biology</p> <p>[12305] A student must successfully complete 18 credits of third- or fourth-year Biology courses.</p> <p>Type of Action: revise program.</p> <p>Rationale: See Backgrounder</p> <p><i>Note: see attendant new, revised, and discontinued BIOL course curriculum proposals.</i></p>
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THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form Change to Program – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Ecology and Evolutionary Biology</p> <p>Ecology and Evolutionary Biology</p> <p>[14418] Major in Ecology and Evolutionary Biology</p> <p>[14670] Note: The UBC Okanagan campus also offers Majors in Biology, Microbiology, and Zoology [link to URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1266].</p> <p>[14420] Graduates will obtain a grounding in theory, practical experience, and skills in laboratory and field work, and communications (both verbal and written). This program prepares students for graduate school and professional programs.</p> <p><u>Electives to satisfy B.Sc. Degree Requirements should include a minimum of 12 credits of Arts electives</u></p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1240</p> <p>Present Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Ecology and Evolutionary Biology</p> <p>Ecology and Evolutionary Biology</p> <p>[14418] Major in Ecology and Evolutionary Biology</p> <p>[14670] Note: The UBC Okanagan campus also offers Majors in Biology, Microbiology, and Molecular, Cell, and Developmental Biology.</p> <p>[14420] Graduates will obtain a grounding in theory, practical experience, and skills in laboratory and field work, computers, and communications (both verbal and written). This program prepares students for graduate school and professional programs.</p>

<p><u>(in addition to 6 credits in English) and 12 credits of other courses (chosen, if needed, to ensure prerequisites are met for third- and fourth-year elective courses).</u></p> <p><u>A minimum of 42 upper-level credits are required, which include at least 36 credits of Science courses (including at least 30 credits of Biology courses).</u></p>			
First Year	Credits	First and Second Years	Credits
BIOL 116, 125 ¹	6	BIOL 116, 125	6
		BIOL 200	3
		BIOL 202	3
		BIOL 203	3
		Two courses from the following three options:	6
		–One of BIOL 204, 205	
		–One of BIOL 209, 210	
		–BIOL 228	
		BIOL 250	3
		CHEM 203, 204; or	6
		CHEM 213, 214	
CHEM 111, 113; or CHEM 121, 123 ¹	6	CHEM 111, 113; or CHEM 121, 123	6
Two of ENGL 112 ² or 114, 113, 150, 151, 153	6	Two of ENGL 112 or 114, 113, 150, 151, 153	6
MATH 100, 101 ¹	6	MATH 100, 101	6
PHYS 111 or 112; and PHYS 102 or 122	6	PHYS 111 or 112; and PHYS 102 or 122	6
		Arts electives	6
<u>Total credits</u>	<u>30</u>		
<u>Second Year</u>		<u>Second Year</u>	
<u>BIOL 200, 201</u>	<u>6</u>		
<u>BIOL 202, 265</u>	<u>6</u>		

<u>Two of BIOL 204, 205, 209, 210, 228</u>	<u>6</u>		
<u>CHEM 203, 204; or CHEM 213, 214²</u>	<u>6</u>		
<u>Electives</u>	<u>6</u>		
<u>Total credits</u>	<u>30</u>		
Third and Fourth Years		Third and Fourth Years	
BIOL 308	3	BIOL 308	3
		Two of BIOL 306, 307, 309, 459	6
<u>BIOL 311</u>	<u>3</u>		
<u>BIOL 354</u>	<u>3</u>		
		BIOL 365	3
		One of BIOL 364, 417	3
		One of BIOL 460, 468	3
Ecology and Evolution <u>electives from the following courses:</u>	<u>21</u>	Additional courses to fulfill requirements for an Ecology and Evolution Major[†]:	12
BIOL <u>301</u> , 306, 307, 309, 313, 357, <u>358</u> , 364, <u>370, 371, 372, 375, 381</u> , 401, <u>410</u> , 417, 420 ³ , 422, 452 ³ , 459, 460, 468, <u>GEOG 307, 370</u>		BIOL 306, 307, 309, 313, 330 , 357, 364, 401, 417, 420 ² , 422, 440 , 452, 459, 460, 468	
<u>Science electives numbered 300 or higher</u>	<u>6</u>		
<u>Other electives numbered 300 or higher</u>	<u>6</u>		
<u>Electives to satisfy B.Sc. credit requirements</u>	<u>18</u>		
<u>Total credits</u>	<u>60</u>	Additional Arts electives	6
		Additional credits	24
		Total Credits	120



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THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form Change to Program – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Microbiology</p> <p>Microbiology</p> <p>[14436] Major in Microbiology</p> <p>[14671] Note: The UBC Okanagan campus also offers Majors in Biology, Ecology and Evolutionary Biology, and Zoology [link to URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1266].</p> <p>[14438] Designed to provide graduates with a breadth of knowledge in microbiology as it applies to the environment, health, and industry. Students graduating from the UBC Okanagan campus with a B.Sc. in Microbiology will have developed a wide range of lab, communication, and critical thinking skills. Prepares students for careers in microbiology (e.g., food and beverage industries, health sciences, and</p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1242</p> <p>Present Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Microbiology</p> <p>Microbiology</p> <p>[14436] Major in Microbiology</p> <p>[14671] Note: The UBC Okanagan campus also offers Majors in Biology, Ecology and Evolutionary Biology, and Molecular, Cell, and Developmental Biology.</p> <p>[14438] Designed to provide graduates with a breadth of knowledge in microbiology as it applies to the environment, health, and industry. Students graduating from the UBC Okanagan campus with a B.Sc. in Microbiology will have developed a wide range of lab, communication, and critical thinking skills. Prepares students for careers in microbiology (e.g., food and beverage industries, health sciences, and</p>

environmental sciences), graduate school, and professional programs.		environmental sciences), graduate school, and professional programs.	
<p><u>Electives to satisfy B.Sc. Degree Requirements should include a minimum of 12 credits of Arts electives (in addition to 6 credits in English) and 12 credits of other courses (chosen, if needed, to ensure prerequisites are met for third- and fourth-year elective courses).</u></p> <p><u>A minimum of 42 upper-level credits are required, which include at least 36 credits of Science courses (including at least 30 credits of Biology courses).</u></p>			
First Year	Credits	First Year	Credits
BIOL 116, 125 ¹	6	BIOL 116, 125	6
CHEM 111, 113; or CHEM 121, 123 ¹	6	CHEM 111, 113; or CHEM 121, 123	6
Two of ENGL 112 ² or 114, 113, 150, 151, 153	6	Two of ENGL 112 or 114, 113, 150, 151, 153	6
MATH 100, 101 ¹	6	MATH 100, 101	6
PHYS 111 or 112; and PHYS 102 or 122	6	PHYS 111 or 112; and PHYS 102 or 122	6
<u>Total credits</u>	<u>30</u>		
Second Year		Second Year	
BIOL 200, <u>201</u>	<u>6</u>	BIOL 200	<u>3</u>
BIOL 202, <u>265</u>	<u>6</u>	BIOL 202	<u>3</u>
<u>One of BIOL 204, 205, 209, 210</u>	<u>3</u>	BIOL 203	<u>3</u>
BIOL 228	3	One of BIOL 204¹, 205	<u>3</u>
CHEM 203, 204; or CHEM 213, 214 ²	6	One of BIOL 209¹, 210	<u>3</u>
<u>Electives</u>	<u>6</u>	BIOL 228	3
Total Credits	<u>30</u>	CHEM 203, 204; or CHEM 213, 214	6
		Arts electives	<u>6</u>
		Total Credits	<u>60</u>

Third and Fourth Years		Third and Fourth Years	
BIOL 311	<u>3</u>	BIOL 311, 319	6
BIOL 354	3	BIOL 354	3
		BIOL 365, 366	6
BIOL 393	3	BIOL 393	3
		BIOL 493²	3
		Four of: BIOL 312, 314, 318, 380¹, 381, 420³, 452^{3,4}, 480	12
		Arts electives	6
<u>Microbiology electives from the following: a) strongly recommended electives: BIOL 318, 319, 366, 493; b) other electives: BIOL 312, 314, 380, 381, 410, 420³, 452³, 480</u>	<u>21</u>		
Science electives numbered 300 or higher		Non-Biology Science electives numbered 300 or higher	6
<u>Other electives numbered 300 or higher</u>	<u>6</u>	Electives⁵	15
<u>Electives to satisfy B.Sc. credit requirements</u>	<u>18</u>		
Total Credits	<u>60</u>	Total Credits	120
<u>Minimum credits for degree</u>	<u>120</u>		
		¹ This course is recommended.	
		² Students may be exempt from the biotechnology lab if they complete a 6-credit directed studies course in Microbiology.	
		³ If related to Microbiology.	
		⁴ This course can be either a one-term directed studies course in Microbiology or part of a two-term directed studies course that replaces the biotechnology lab.	

<p><u>¹BIOL 116, 125, CHEM 111, 113 or 121, 123, and MATH 100, 101 should be taken in the first year to ensure students have the prerequisites for second year.</u></p> <p><u>²Strongly recommended.</u></p> <p><u>³ If approved by the program advisor as appropriate to Microbiology.</u></p> <p>[14441] Microbiology Honours Program</p> <p>[...]</p>	<p>⁵Total of 120 credits is required for graduation, including a minimum of 42 upper-level credits (of which at least 36 credits are Science courses).</p> <p>[14441] Microbiology Honours Program</p> <p>[...]</p> <p>Type of Action: revise program.</p> <p>Rationale: See Backgrounder</p> <p><i>Note: see attendant new, revised, and discontinued BIOL course curriculum proposals.</i></p>
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THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form Change to Program – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 2 – Biology Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: August 29, 2012 Contact Person: Mary Forrest Phone: 250.807.9560 Email: mary.forrest@ubc.ca</p>
<p>Proposed Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Zoology</p> <p>Zoology</p> <p>[15049] Major in Zoology</p> <p>Note: The UBC Okanagan campus also offers Majors in Biology [link to http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,282,858,991], Ecology and Evolutionary Biology [link to http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=18,282,858,1240#14418], and Microbiology [link to http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=18,282,858,1242#14671].</p> <p>[15050] Graduates will obtain a solid grounding in a broad range of topics dealing with animal biology (physiology, ecology, developmental biology). This program emphasizes a comparative approach and provides students with a</p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1266</p> <p>Present Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Zoology</p> <p>Zoology</p> <p>[15049] Major in Zoology</p> <p>[15050] Graduates will obtain a solid grounding in a broad range of topics dealing with animal biology (physiology, ecology, developmental biology). This program emphasizes a comparative approach and provides students with a</p>

<p>variety of practical experience and skills in laboratory and field work, and communication. This program prepares students for graduate school and professional programs.</p> <p><u>Electives to satisfy B.Sc. Degree Requirements should include a minimum of 12 credits of Arts electives (in addition to 6 credits in English) and 12 credits of other courses (chosen, if needed, to ensure prerequisites are met for third- and fourth-year elective courses).</u></p> <p><u>A minimum of 42 upper-level credits are required, which include at least 36 credits of Science courses (including at least 30 credits of Biology courses).</u></p>		<p>variety of practical experience and skills in laboratory and field work, computers, and communication. This program prepares students for graduate school and professional programs.</p>	
First Year	Credits	First and Second Years	Credits
BIOL 116, 125 ¹	6	BIOL 116, 125	6
		BIOL 200	3
		BIOL 202	3
		BIOL 203	3
		BIOL 204	3
		BIOL 205	3
		BIOL 263	3
CHEM 111, 113; or CHEM 121, 123 ¹	6	CHEM 111, 113; or CHEM 121, 123	6
		CHEM 203, 204; or CHEM 213, 214	6
<u>Two of ENGL 112² or 114, 113, 150, 151, 153</u>	<u>6</u>	One of ENGL 112, 113	3
		One of ENGL 150, 151, 153	3
MATH 100, 101 ¹	6	MATH 100, 101	6
PHYS 111 or 112; and PHYS 102 or 122	6	PHYS 111 or 112; and PHYS 102 or 122	6
		Arts electives	6
Total Credits	<u>30</u>	Total Credits	<u>60</u>

<u>Second Year</u>			
<u>BIOL 200, 201</u>	<u>6</u>		
<u>BIOL 202, 265</u>	<u>6</u>		
<u>BIOL 204, 205</u>	<u>6</u>		
<u>CHEM 203, 204; or CHEM 213, 214²</u>	<u>6</u>		
<u>Electives</u>	<u>6</u>		
<u>Total credits</u>	<u>30</u>		
Third and Fourth Years		Third and Fourth Years	
BIOL 311	3	BIOL 308	3
BIOL 354	3	BIOL 311	3
		BIOL 354	3
<u>BIOL 363</u>	<u>3</u>	BIOL 356	3
Zoology electives from the following courses: BIOL 306, <u>308, 341,</u> <u>356,</u> 357, <u>364, 370,</u> <u>372,</u> 417, 420 ³ , 422, 452 ² , 459, 460, 461, 467	<u>21</u>	BIOL 364	3
		BIOL 365	3
		Zoology electives from	24
		the following courses: BIOL 250 , 306 ¹ , 307, 319, 357, 363, 401, 417, 420 ² , 422, 452 ² , 459, 460, 461 ¹ , 467; PHYS 305	
		Arts electives	6
<u>Science electives numbered 300 or higher</u>	<u>6</u>	Upper-level non- Biology Science electives	6
<u>Other electives numbered 300 or higher</u>	<u>6</u>	Upper-level electives	6
<u>Electives to satisfy B.Sc. credit requirements</u>	<u>18</u>		
Total credits	<u>60</u>	Total Credits	120

<p><u>Minimum credits for 120 degree</u></p> <p><u>¹ BIOL 116, 125, CHEM 111, 113 or 121, 123, and MATH 100, 101 should be taken in first year to ensure students have the prerequisites for second year.</u></p> <p><u>² Strongly recommended.</u></p> <p><u>³ If approved by the program advisor as appropriate to Zoology.</u></p> <p>[15051] Zoology Honours Program</p> <p>[...]</p>	<p>¹ Offered in alternate years. Students must plan their course selection wisely.</p> <p>² Course must be approved by the Zoology Program Advisory Committee.</p> <p>[15051] Zoology Honours Program</p> <p>[...]</p> <p>Type of Action: revise program.</p> <p>Rationale: See Backgrounder</p> <p><i>Note: see attendant new, revised, and discontinued BIOL course curriculum proposals.</i></p>
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Majors in Biology, Ecology and Evolutionary Biology, Microbiology, Zoology and Associated Courses

Type(s) of Action(s) and Rationale(s)

New, Revised, and Deleted Courses: BIOL

Type of Action: delete courses, and add new courses, as part of the proposed new Majors in Biology, Ecology and Evolutionary Biology, Microbiology, and Zoology.

Rationale:

Unit 2 (Biology) went through a comprehensive review of all Majors with the goal of increasing commonality between all Majors plus increasing flexibility for students.

We determined that all second-year students need a strong introduction in the following areas: genetics, cell biology, biostatistics, plus evolution and ecology.

a) Cell biology and biostatistics are covered in BIOL 200 and BIOL 202 respectively.

b) Genetics is currently not taught until third year, so BIOL 365 will be moved to second year and become BIOL 265. In order to minimize disruption to students, BIOL 365 will be taught for one more year. At the end of one year BIOL 365 will be deleted from the calendar. This will ensure that third year students who likely have completed all their second year Biology course requirements are not forced to take an additional second year course in order to complete their genetics requirement.

Approximately 2/3 of the new BIOL 265 will contain the same topics as the current BIOL 365, except with more breadth and less depth to the content of the topics. The other 1/3 of the course will involve molecular techniques which students need exposure to before they take many of our upper level courses.

c) The current ecology course (BIOL 203) plus the current evolution course (BIOL 250) will be combined into a new course, BIOL 201, which will cover both very inter-related topics.

Due to the condensing of BIOL 203 and BIOL 250 into BIOL 201, some material will necessarily be lost. A new course was designed, BIOL 301 (Evolutionary Principles and Methods), to ensure that students still have the opportunity to be further exposed to concepts in evolution. This course will be an elective in the Major in Ecology and Evolutionary Biology.

In addition, due to the many changes above, BIOL 263 (Development) is no longer a requirement in any of the Majors. This course, plus its lab component, will be rolled into BIOL 363 (Integrative Development). The revised BIOL 363 is the third upper-level core course in the new proposed Major in Zoology.

Deletion of BIOL 333 (Applied Microbiology) is a housekeeping issue. This course has not been offered for years and should have already been removed from the calendar.

Prerequisite changes, necessitated by the changes above, have been addressed in a separate curriculum proposal form. The specific changes to the second-year courses described above have also been addressed in a separate curriculum proposal form.

A transition plan has been written to help students complete their chosen Major. This document deals with the changes in the courses at second-year level, plus the move of BIOL 365 to second year to become BIOL 265.

Revised Programs: Majors in Biology, Ecology and Evolutionary Biology, Microbiology, Zoology

Type(s) of Action(s):

- a) removal of Molecular, Cell, and Developmental Biology Major and Honours from Academic Calendar
- b) for all other Majors
 - addition of Zoology in list of possible other Majors to take (housekeeping issue)
 - change to a common core of Biology courses in second year
 - reduction in number of required courses at the upper level
 - reworking of all Majors to a more common format of required and elective course
- c) for Major in Biology
 - deletion of Physiology concentration
 - removal of list of specific course grade minimums in Honours in Biology

Rationale:

Unit 2 (Biology) went through a comprehensive review of all Majors with the goal of increasing commonality between all Majors plus increasing flexibility for students.

Firstly, we decided to remove the Major in Molecular, Cell, and Developmental Biology from our current offerings:

- this Major has very low student enrollment
- we currently have too few faculty members with an expertise in this area
- it is difficult to sustain this program and offer all the elective courses needed

We then reviewed all other Majors and determined that all second-year students need a strong introduction in the following areas: genetics, cell biology, biostatistics, plus evolution and ecology:

- cell biology and biostatistics are covered in BIOL 200 and BIOL 202 respectively
- genetics is currently not taught until third year, so BIOL 365 will be transitioned to second year and become BIOL 265

- the current ecology course (BIOL 203) plus the current evolution course (BIOL 250) will be combined into a new course, BIOL 201, which will cover both very inter-related topics

Two areas were identified as being core topics that should be taught in greater depth to all upper-level students: biochemistry and cell physiology. These are covered in BIOL 311 and BIOL 354 respectively. In addition, one more course was identified within each of the Ecology and Evolutionary Biology, Microbiology, and Zoology Majors as being a key core course for that Major. A specific pool of electives was also chosen for each of the three above proscribed Majors.

Due to the condensing of BIOL 203 and BIOL 250 into BIOL 201, some material will necessarily be lost. A new course was designed, BIOL 301 (Evolutionary Principles and Methods), to ensure students still have the opportunity to be further exposed to concepts in evolution. This course will be an elective in the Major in Ecology and Evolutionary Biology.

In addition, due to the many changes above, BIOL 263 (Development) is no longer a requirement in any of the Majors. This course, plus its lab component, will be rolled into BIOL 363 (Integrative Development). The revised BIOL 363 is the third upper-level core course in the new proposed Major in Zoology.

The Physiology concentration was removed from within the Major in Biology. This concentration is now being addressed in the Major in Zoology.

Due to the changes above, the bullet referring to specific courses in the Honours in Biology has been removed.

Elective requirements have also been adjusted to ensure commonality between all Majors. With the goal of still meeting the BSc degree requirements while allowing for increased flexibility for students. For example, the 6 credits of non-Biology upper level Science requirement has been modified to 6 credits of upper-level Science courses. All Majors now require the following common set of upper-level requirements: a minimum of 42 upper-level credits, which include at least 36 credits of Science courses (including at least 30 credits in Biology).

Language was written for footnotes to ensure that students complete pre-requisite courses in a timely manner, choose courses best suited to their program, plus complete all BSc degree requirements.

Prerequisite changes, necessitated by the changes above, have been addressed in a separate curriculum proposal form. The specific changes to the second-year courses described above have also been addressed in a separate curriculum proposal form.

A transition plan has been written to help students complete their chosen Major. This document deals with the changes in the courses at second-year level, plus the transition of BIOL 365 to BIOL 265.



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Curriculum Proposal Form New Course – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women's Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Melissa Autumn White Phone: 250.807.9577 Email: melissa.white@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>GWST 223 (3) Critical Sexuality Studies</u> <u>Overview of the historical emergence of critical sexuality studies. Sexological, psychoanalytic, Foucauldian, feminist, and queer theories of sexuality and gender will be examined. [3-0-0]</u> <u>Prerequisite: GWST 110, and second-year standing.</u></p>	<p>Draft Academic Calendar URL: N/A Present Academic Calendar Entry: N/A</p> <p>Type of Action: New course.</p> <p>Rationale: This course is a new core course offering at the second-year level to allow for the diversification of the program as we expand our focus to include critical studies of sexuality along with gender. This course fills a gap in current course offerings. The course draws on the expertise of the faculty member.</p>



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Curriculum Proposal Form New Course – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women’s Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Ilya Parkins Phone: 250.807.9625 Email: ilya.parkins@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>GWST 419 (3) Gender, Dress, and Fashion: Histories and Theories</u> <u>Overview of historical and theoretical perspectives on the gendered development of dress and the modern fashion system. Consideration of the relationship of identity and adornment. [3-0-0]</u> <u>Prerequisite: GWST 110, and third-year standing.</u></p>	<p>Draft Academic Calendar URL: N/A Present Academic Calendar Entry: N/A</p> <p>Type of Action: New course.</p> <p>Rationale: This course will help to diversify course offerings and add to the complement of fourth-year courses and provide opportunities for students to conduct advanced study of specific topics.</p> <p>A course on gender and fashion draws on the primary expertise of the faculty member. The topic of dress and fashion provides an accessible entre into discussion of sophisticated theoretical concepts and debates that are central to Gender/Women’s Studies, but are often experienced as intimidating. In this sense, though the theme is specialized and</p>

	<p>focused, the course has broad implications and provides a forum in which students can experiment with and apply concepts learned at the second and third-year levels. The course has been tested as a Special Topics course at two universities, and the faculty member has published a peer-reviewed article on the usefulness of teaching fashion in Gender Studies curricula, which might be consulted for further background: Ilya Parkins, "Teaching Fashion and Feminist Theory: The Pedagogical Project of Ambivalence," <i>Transformations</i> 12, no. 2 (2008): 67-82.</p>
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Curriculum Proposal Form New Course – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women’s Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Melissa Autumn White Phone: 250.807.9577 Email: melissa.white@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>GWST 423 (3) Trans-(Gender) Feminisms</u></p> <p><u>Overview of the historical emergence of trans-(gender) feminisms. Focus on debates across trans, queer, and feminist scholarship, methodology, and activism. Consideration of the politics of sex/gender transformation vis-à-vis ‘race’, ‘culture’, sexuality, class, and social justice. [3-0-0]</u></p> <p><u>Prerequisite: One of GWST 216, 223, and third-year standing.</u></p>	<p>Draft Academic Calendar URL: N/A</p> <p>Present Academic Calendar Entry: N/A</p> <p>Type of Action: New course.</p> <p>Rationale: This course will help to diversify course offerings and add to the complement of fourth-year courses. Reflecting contemporary work in the field of gender, sexuality, and women’s studies, this course traces a genealogy of the emergence of “trans-feminisms” through a focus on debates between trans, queer, and feminist scholars, providing opportunities</p>

	<p>for students to become more attuned to the political, epistemological and methodological contestations shaping the interdisciplinary field. The course also provides opportunities to consider the contemporary relationships between theory and activism that have historically shaped the field of women's studies. This course draws on the expertise of the faculty member, and more generally reflects major contemporary debates in gender, sexuality and women's studies, thus preparing students for further work in the field.</p>
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Curriculum Proposal Form New Courses – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women's Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Melissa Autumn White Phone: 250.807.9577 Email: melissa.white@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>GWST 425 (3) Feminist Geographies of (Un)Belonging</u> <u>Transnational and decolonizing feminist approaches to the geography of power as manifested through contemporary political identities. Focus on relationships between state-mediated categories of (un)belonging such as 'citizen', 'migrant', 'refugee', 'aboriginal', and 'illegal'. Emphasis on borders, border-identities, and multicultural/settler societies such as Australia, Israel, Canada and the United States. Credit will not be granted for both GWST 425 and GEOG 425. [3-0-0]</u> <u>Prerequisite: One of GEOG 358, GWST 110, and third-year standing.</u> <u>Equivalency: GEOG 425.</u></p> <p><u>GEOG 425 (3) Feminist Geographies of (Un)Belonging</u> <u>Transnational and decolonizing feminist approaches to the geography of power as manifested through</u></p>	<p>Draft Academic Calendar URL: N/A</p> <p>Present Academic Calendar Entry: N/A</p>

<p><u>contemporary political identities. Focus on relationships between state-mediated categories of (un)belonging such as ‘citizen’, ‘migrant’, ‘refugee’, ‘aboriginal’, and ‘illegal’. Emphasis on borders, border-identities, and multicultural/settler societies such as Australia, Israel, Canada, and the United States. Credit will not be granted for both GEOG 425 and GWST 425. [3-0-0] Prerequisite: One of GEOG 358, GWST 110, and third-year standing. Equivalency: GWST 425.</u></p>	<p>Type of Action: New cross-listed course.</p> <p>Rationale: This course will help to diversify course offerings and add to the complement of GWST fourth-year courses. It also adds to the complement of GEOG fourth-year courses. The focus on transnational and decolonizing feminist approaches to issues of borders on multiple scales (embodied, psychic, national, geopolitical) will allow students to bring complex theories and methodologies of power to bear on questions of (un)belonging, territoriality and state-logics. This interdisciplinary course draws across the social sciences, the humanities and cultural studies and provides students with exposure to multiple forms of feminist political critique and analysis. The emphasis on written assignments will allow students to deepen their communication skills, and so too will the discussion-based aspect of the course, which also requires students to actively engage with one another’s writing through a virtual component.</p>
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Curriculum Proposal Form New Course – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women's Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Ilya Parkins Phone: 250.807.9625 Email: ilya.parkins@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p><u>GWST 430 (3) Femininities</u> <u>Overview of theoretical and historical constructs of femininity in industrial and post-industrial society. Emphasis on multiple femininities and negotiations of feminine identity. [3-0-0]</u> <u>Prerequisite: GWST 110, and third-year standing.</u></p>	<p>Draft Academic Calendar URL: N/A Present Academic Calendar Entry: N/A</p> <p>Type of Action: New course.</p> <p>Rationale: This course draws on faculty expertise in the question of historical femininities and adds to the complement of courses at the fourth-year level, diversifying the course offerings in GWST and providing opportunities for in-depth study on a particular topic. The course offers a comprehensive introduction to an important area of inquiry in the field of gender/women's studies, which has recently blossomed because of the introduction of girlhood studies and the</p>

	<p>contestation and diversification of definitions of femininity. Immersion in this area thus provides students with a critical sense of the evolution of gender/women's/sexuality studies and the ways that a field's theories and methodologies shift over time, which is precisely what upper-level study in a student's major should provide.</p> <p>This course also offers an opportunity for students to pursue a structured writing process, including peer review, to produce a significant final piece.</p>
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Curriculum Proposal Form Change to Program – Okanagan Campus

Category: 1

<p>Faculty: Arts and Sciences Unit: Unit 1 – CCGS/Gender and Women's Studies Faculty Approval Date: November 20, 2012 Effective Session: 2013W</p>	<p>Date: October 29, 2012 Contact Person: Dr. Ilya Parkins Phone: 250.807.9625 Email: ilya.parkins@ubc.ca</p>
<p>Proposed Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Gender and Women's Studies</p> <p>Gender and Women's Studies</p> <p>[14660] Minor in Gender and Women's Studies</p> <p>[14667] <i>An interdisciplinary program at the UBC Okanagan campus.</i></p> <p>[14668] Note: The UBC Okanagan campus offers other interdisciplinary programs, including the Major in International Relations, the Major in Latin American Studies, and the Major in Philosophy, Politics, and Economics.</p> <p>[14661] Graduation Requirements</p> <p>[14662] Lower-Level Requirements</p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,857,1258</p> <p>Present Academic Calendar Entry: Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Gender and Women's Studies</p> <p>Gender and Women's Studies</p> <p>[14660] Minor in Gender and Women's Studies</p> <p>[14667] <i>An interdisciplinary program at the UBC Okanagan campus.</i></p> <p>[14668] Note: The UBC Okanagan campus offers other interdisciplinary programs, including the Major in International Relations, the Major in Latin American Studies, and the Major in Philosophy, Politics, and Economics.</p> <p>[14661] Graduation Requirements</p> <p>[14662] Lower-Level Requirements</p> <p>[14663] GWST 100, 110, plus 3 credits</p>

<p>B.A. requirements [link to URL: http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,282,857,1084#12398], including the following:</p> <ul style="list-style-type: none"> • <u>GWST 100;</u> • <u>GWST 110;</u> • <u>one of GWST 216, 223; and</u> • <u>one of the following: ANTH 205, 206, 227; ENGL 209, 270; GWST 215; SOCI 217, 223.</u> <p>[14665] Upper-Level Requirements</p> <p>[14666] A total of 18 credits of 300- and/or 400-level courses, including:</p> <p>[15521]</p> <ul style="list-style-type: none"> • GWST 334, 335; and • <u>15</u> credits from the following <u>list, of which at least 3 credits must be 400-level GWST courses:</u> ANTH 313; ARTH 410; <u>CULT 366;</u> ECON 351; FREN 419, 422, 439, 470; GEOG 358; GWST 333, 336, <u>419, 423, 425, 430,</u> 491, 495; HIST 314, 324, 351, 420, 424; INDG 310; <u>JPST 365, 366;</u> PHIL 373; POLI 372; PSYO 353, 354; SOCI <u>303,</u> 305, 309, 313, 415, 485. • Note: relevant <u>special topics courses and directed studies</u> in other disciplines may <u>be applied</u> with permission from the <u>program advisor.</u> 	<p>from List A and 3 credits from List B:</p> <p>[14664]</p> <ul style="list-style-type: none"> • List A: ENGL 209, 270; GWST 215, 216; • List B: ANTH 205, 206, 227; SOCI 217, 223. <p>[14665] Upper-Level Requirements</p> <p>[14666] A total of 18 credits of 300- and/or 400-level courses, including:</p> <p>[15521]</p> <ul style="list-style-type: none"> • GWST 334, 335; and • 12 credits from the following: ANTH 313; ARTH 410; ECON 351; FREN 419, 422, 439, 470; GEOG 358; GWST 323, 333, 336, 491, 495; HIST 314, 324, 351, 420, 424; INDG 310; PHIL 373; POLI 372; PSYO 353, 354; SOCI 305, 306, 309, 313, 415. • Note: relevant directed studies and special topics in other disciplines may <u>apply</u> with permission of the <u>unit head.</u>
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	<p>Type of Action: Revise program.</p> <p>Rationale: The change to the structure of the minor takes into account the development of new courses and the repositioning of existing ones. We have moved away from the List A/List B requirements of the current minor structure, which are very confusing for students as they already require a different List A/B for their Arts degree program. Students are no longer required to take the Methodologies course for the minor (they will presumably have a methodology course in most majors, and methodologies should be required only for students who intend to specialize in the subject) and they must only take one, and not two, 400-level courses in GWST.</p>
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a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Proposal Form New/Change to Courses – Okanagan Campus

Category: 1 and 2

<p>Faculty/School: College of Graduate Studies Department/Unit: Interdisciplinary Graduate Studies (IGS) Faculty/School Approval Date: December 12, 2012 Effective Session: 2013W</p>	<p>Date: October 16, 2012 Contact Person: Ms. Jennifer Cook Phone: 250.807.8180 Email: jennifer.cook@ubc.ca</p>
<p>Proposed Academic Calendar Entry:</p> <p>Course Descriptions</p> <p>Interdisciplinary Graduate Studies, College of Graduate Studies</p> <p>IGS: Interdisciplinary Graduate Studies</p> <p>IGS 501 (1-12) d Interdisciplinary Topics in Research Methods and Analysis</p> <p>IGS 503 (1-6) d Indigenous Research Methods</p> <p>IGS 504 (6) Multivariate Statistics <i>Prerequisite: 6 credits in univariate statistics and probability courses.</i></p> <p>IGS 505 (3) Introduction to Qualitative Enquiry</p> <p>IGS 506 (3/6) d Creative Research Methods Seminar dealing with various</p>	<p>Draft Academic Calendar URL: http://www.calendar.ubc.ca/okanagan/proof/edit/courses.cfm?go=code&code=IGS</p> <p>Present Academic Calendar Entry: N/A</p> <p>Course Descriptions</p> <p>Interdisciplinary Graduate Studies, College of Graduate Studies</p> <p>IGS: Interdisciplinary Graduate Studies</p> <p>IGS 501 (1-12) d Interdisciplinary Topics in Research Methods and Analysis</p> <p>IGS 503 (1-6) d Indigenous Research Methods</p> <p>IGS 504 (6) Multivariate Statistics <i>Prerequisite: 6 credits in univariate statistics and probability courses.</i></p> <p>IGS 505 (3) Introduction to Qualitative Enquiry</p> <p>IGS 506 (3/6) d Creative Research Methods Seminar dealing with various</p>

<p>methodological approaches in creative theory and practice as relating to the disciplines of Visual Arts, Media Arts, Creative Writing, and Performance. [0-0-3]</p>	<p>methodological approaches in creative theory and practice as relating to the disciplines of Visual Arts, Media Arts, Creative Writing, and Performance. [0-0-3]</p> <p>IGS 507 (3) Perspectives on Sustainability Examination of sustainability as a contested academic concept from diverse disciplinary and interdisciplinary perspectives. [3-0-3] <i>Prerequisite: Graduate standing.</i> <i>Corequisite: IGS 570 recommended.</i></p>
<p>IGS 509 (1-6) c Directed Studies in Interdisciplinary Research Methods</p>	<p>IGS 509 (1-6) c Directed Studies in Interdisciplinary Research Methods</p>
<p>IGS 515 (3) Advanced Qualitative Methods</p>	<p>IGS 515 (3) Advanced Qualitative Methods</p>
<p>IGS 520 (1-12) d Special Topics in Interdisciplinary Studies</p>	<p>IGS 519 (1-6) c Directed Studies in Interdisciplinary Themes</p> <p>IGS 520 (1-12) d Special Topics in Interdisciplinary Studies</p>
<p>IGS 523 (1-6) d Special Topics in Indigenous Studies</p>	<p>IGS 523 (1-6) d Special Topics in Indigenous Studies</p>
<p>IGS 524 (3/6) d Proseminar in Interdisciplinary Studies</p>	<p>IGS 524 (3/6) d Proseminar in Interdisciplinary Studies</p>
<p>IGS 529 (1-6) c Directed Studies in Indigenous Studies</p>	<p>IGS 529 (1-6) c Directed Studies in Indigenous Studies</p>
<p>IGS 530 (1-12) d Special Topics in Creative and Critical Studies</p>	<p>IGS 530 (1-12) d Special Topics in Creative and Critical Studies</p>
<p>IGS 539 (1-6) c Directed Studies in Creative and Critical Studies</p>	<p>IGS 539 (1-6) c Directed Studies in Creative and Critical Studies</p>
<p>IGS 540 (1-12) d Special Topics in Optimization</p>	<p>IGS 540 (1-12) d Special Topics in Optimization</p>

<p><u>IGS 541 (1-12) d Special Topics in Urban Studies</u></p>	
<p><u>IGS 542 (1-6) c Directed Studies in Urban Studies</u></p>	
<p><u>IGS 543 (1-12) d Special Topics in Sustainability</u></p>	
<p><u>IGS 544 (1-6) c Directed Studies in Sustainability</u></p>	
<p>IGS 549 (1-6) c Directed Studies in Optimization</p>	<p>IGS 549 (1-6) c Directed Studies in Optimization</p>
<p>IGS 550 (1-12) d Special Topics in Social Science Research</p>	<p>IGS 550 (1-12) d Special Topics in Social Science Research</p>
<p>IGS 559 (1-6) c Directed Studies in Social Science Research</p>	<p>IGS 559 (1-6) c Directed Studies in Social Science Research</p>
<p>IGS 560 (1-9) d Special Topics in Latin American and Iberian Studies</p>	<p>IGS 560 (1-9) d Special Topics in Latin American and Iberian Studies</p>
<p>IGS 561 (1-9) c Directed Readings in Latin American and Iberian Studies</p>	<p>IGS 561 (1-9) c Directed Readings in Latin American and Iberian Studies</p>
	<p>IGS 562 (3/6) d Seminar in Urban Studies</p>
	<p>IGS 563 (3/6) d Public Policy</p>
	<p>IGS 564 (3/6) d Urbanistics</p>
	<p>IGS 565 (3/6) d Law and Society</p>
	<p>IGS 566 (3/6) d Immigration, Migration, and the City</p>
	<p>IGS 567 (3/6) d The City in History</p>
	<p>IGS 568 (3) Urban Economies</p>
	<p>IGS 570 (6) Practical Sustainability Team-based research and practical project work on sustainability initiatives that</p>

<p>IGS 580 (3/6) d Graduate Workshop in Creative Writing For students who have a significant creative component to their graduate degree, including a creative thesis. An intensive manuscript production course that offers students at the graduate level opportunity for in-depth discussion and workshopping about their chosen genre. <i>Prerequisite:</i> The submission of a portfolio and permission of the Department of Creative Studies.</p> <p>IGS 599 (12-18) d Master's Thesis Pass/Fail.</p> <p>IGS 601 (1-12) d Advanced Topics in Research Methods and Analysis</p> <p>IGS 620 (1-12) d Advanced Topics in Interdisciplinary Studies</p> <p>IGS 630 (0) Teaching in Higher Education Prepares doctoral students for teaching undergraduate courses within a discipline. Enrolment is only by application to Graduate Studies. See the IGS website for the selection process and criteria for enrolment. Pass/Fail.</p> <p>IGS 699 (0) Doctoral Thesis Pass/Fail.</p>	<p>engage various regional communities of practice. <i>Prerequisite: Graduate standing.</i> <i>Corequisite: IGS 507.</i></p> <p>IGS 580 (3/6) d Graduate Workshop in Creative Writing For students who have a significant creative component to their graduate degree, including a creative thesis. An intensive manuscript production course that offers students at the graduate level opportunity for in-depth discussion and workshopping about their chosen genre. <i>Prerequisite:</i> The submission of a portfolio and permission of the Department of Creative Studies.</p> <p>IGS 599 (12-18) d Master's Thesis Pass/Fail.</p> <p>IGS 601 (1-12) d Advanced Topics in Research Methods and Analysis</p> <p>IGS 620 (1-12) d Advanced Topics in Interdisciplinary Studies</p> <p>IGS 630 (0) Teaching in Higher Education Prepares doctoral students for teaching undergraduate courses within a discipline. Enrolment is only by application to Graduate Studies. See the IGS website for the selection process and criteria for enrolment. Pass/Fail.</p> <p>IGS 699 (0) Doctoral Thesis Pass/Fail.</p> <p>Type of Action: New courses. Discontinued courses.</p>
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	<p>Rationale: The College of Graduate Studies has reconsidered subject-specific courses (new IGS themed courses) and determined that they should be offered under the IGS program degree requirements. These courses will instead be offered under the IGS Directed Studies and Special Topics course numbers to conform to the IGS program degree requirements. The subject-specific courses are not applicable to the IGS program requirements.</p> <p>Please note: the Health and Exercise Sciences theme is currently in the process of creating a new program, so IGS Directed Studies and Special Topics courses have not been proposed for the theme.</p>
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14 December 2012

From: Senate Nominating Committee, Okanagan Campus
To: Okanagan Senate (Draft)
Re: Appointment of Senator to the Senate Academic Buildings and Resources Committee

The Nominating Committee recommends:

“That Senate appoint Dr Barbara Marcolin to serve on the Senate Academic Building and Resources Committee until 31 August 2014.”

Dr Gurupdesh Pandher has resigned from the Senate and has been replaced by Dr Barbara Marcolin. Dr Marcolin is willing to serve in Dr Pandher’s vacated position on the Senate Academic Building and Resources Committee.

Respectfully submitted,

Curtis Tse, Chair
Senate Nominating Committee



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THE UNIVERSITY OF BRITISH COLUMBIA

Deputy Vice Chancellor & Principal
Okanagan Campus
3333 University Way
Kelowna, BC Canada V1V 1V7

Phone 250 807 9224
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deputy.vicechancellor@ubc.ca
www.ubc.ca/okanagan/dvc

January 30, 2013

To: UBC Okanagan Senate

From: Deborah Buszard
Deputy Vice-Chancellor & Principal
UBC's Okanagan Campus

Re: Deputy Vice-Chancellor & Principals Report

Enclosed are two reports from the Deputy Vice-Chancellor & Principal:

1. Record of Deputy Vice-Chancellor & Principal's Activity – July 2, 2012 – December 31, 2012.
2. Presentation to the External Community Advisory Council (ECAC) on November 28, 2012 regarding our commitment to the RUCBC's Opportunity Agenda for BC report. The report can be found here: <http://www.rucbc.ca/pdfs/2012-10-18-opportunity-agenda.pdf>

A Space for Every Qualified Student

Since 2005 student numbers have increased from 3,500 to over 8,300, including 650 graduate students. Undergraduate and graduate domestic (Canadian) full-time students account for 6,865. In 2012, we met the Ministry target for the UBC Okanagan campus. In fact, we, along with many colleges and universities across British Columbia, are exceeding 100 percent of the available funded domestic student space.

In addition to a growing student body we have also increased in the number and size of programs offered. In 2005 the School of Engineering and the Faculty of Management were added to the complement of Faculties and programs that were retained in the transition from Okanagan University College. In 2007, Human Kinetics was added to the program offerings in the Faculty of Health and Social Development. All of these additions were a result of market demand in these disciplines. We have recently agreed to discontinue the undergraduate Bachelors of Social Work in favour of a new Masters program, leading to enhanced professional training in that area. The expansion of graduate-level programs—a number of which result in professional degrees—has significantly increased the opportunities for students in the Okanagan Valley to complete their education close to home. Examples of these new program developments include:

- 2010 Masters of Management program aimed at non-commerce students;
- 2012, Graduate Clinical Psychology focussed on interdisciplinary clinical expertise;
- 2012 Masters of Social Work focused on clinical practice.

Our campus is also actively working to improve access to university, through the addition of strategic programs and new admissions processes. In 2007 the Aboriginal Access Studies program was founded, providing an alternate way for Aboriginal students who do not meet the usual admission requirements to enter UBC. More than 100 students have successfully completed this program since 2007. Students have been admitted to degree programs in Arts, Science, Management, Visual Arts, Social Work and Education (see Figure 4).

Broad based admissions (BBA) will be introduced to the Okanagan campus for the 2013/14 academic year. The aim is to admit the best qualified students by looking at their applications in a holistic manner, not solely relying on their academic marks.

A. UBC's Okanagan Campus Growth

Figure 1. Winter Headcount (All Students)

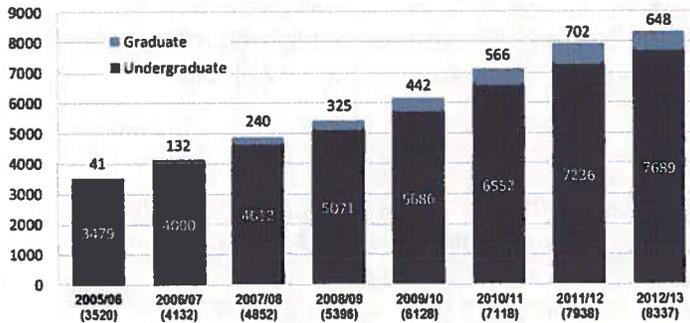


Figure 2. Delivered FTEs against Ministry-Funded Targets



B. Growth in the Aboriginal Access Studies

Figure 3. Aboriginal Access Enrolment by Year

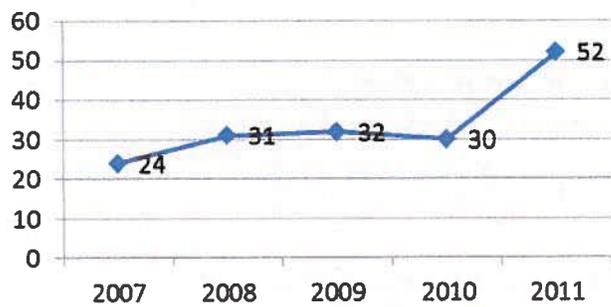
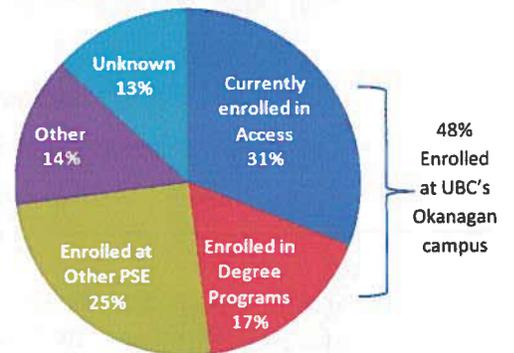


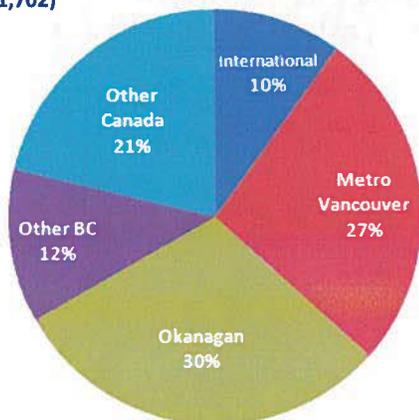
Figure 4. Aboriginal Access Studies Results W2007 - W2011 (n=115)

73% of our Aboriginal Access students are enrolled in post-secondary education.



C. Where Do We Grow From Here?

Figure 5. Where Our New Direct-Entry Students Are From (n=1,702)



69% of our students are from BC.

Figure 6. Projected Growth in Student FTEs



A Guarantee for Students in Need

University education can be a costly endeavour, and for many it might not seem possible. A student typically spends over \$18,000 per year at university, including living expenses. Over the course of a four-year degree program, a student may spend in the range of \$75,000 in fees (including tuition and mandatory fees), books and living expenses.

UBC is committed to ensuring that all qualified students have the opportunity to go to university, regardless of their financial situation. UBC Policy #72, Access to the University of British Columbia, mandates that "no eligible student will be prevented from commencing or continuing his or her studies at the University for financial reasons alone". This policy is a significant commitment by UBC to provide education for qualified students.

Student financial aid is divided into two major categories:

1. **Merit-based funding**, such as scholarships and prizes, which are awarded according to academic achievement.
2. **Need-based funding**, such as bursaries, loans and grants, which are awarded according to assessed financial need.

In 2011/12, the total amount of financial assistance awarded to Okanagan students from all sources was \$32,182,869. This includes scholarships, fellowships, bursaries, work study subsidies and government funds (see Figure 7).

2011-2012 Student Financial Aid Statistics (see Figures 8-11):

- 2,665 students (15.5% increase from 2010-11) received \$25,654,966 in need-based support in 2011/12 (14.9% increase), including \$2,571,262 in operating funds.
- 2,503 students (10.9% increase from 2010-11) received \$6,132,314 in merit-based support in 2011/12 (8.3% increase). Operating funds comprised \$3,785,703 of the overall merit-based support in 2011/12.
- All eligible bursary recipients were subject to a \$0 bursary deductible. The average bursary award decreased from \$2,607 to \$2,525 in 2011-12, but the number of recipients increased from 614 to 660.

Increasing the number of student awards is one of the top priorities of our *Start an Evolution* campaign, which has two key goals: to raise \$100 million and to double alumni engagement. To date we have raised \$65 million and we fully anticipate success in reaching our goal.

Figure 7. Total Support by Source, Okanagan 2011/12 (Total: \$32,182,869)

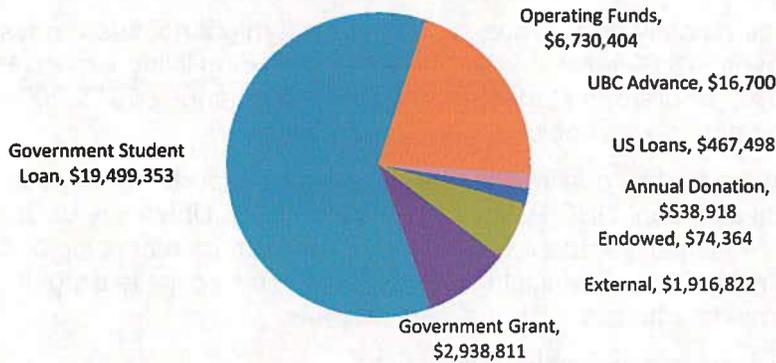


Figure 8. Amount Funded: Need-Based Support for Graduate Students, Okanagan

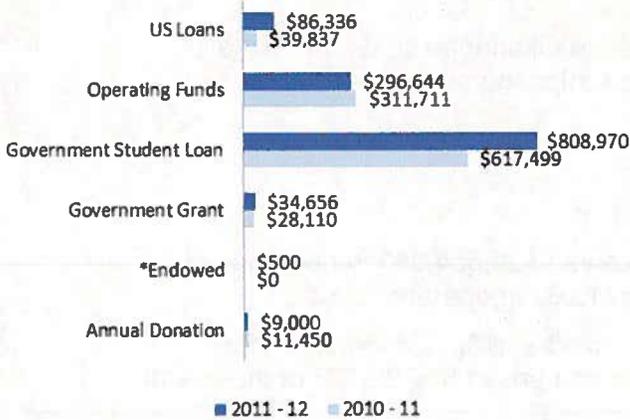


Figure 9. # of Recipients: Need-Based Support for Graduate Students, Okanagan

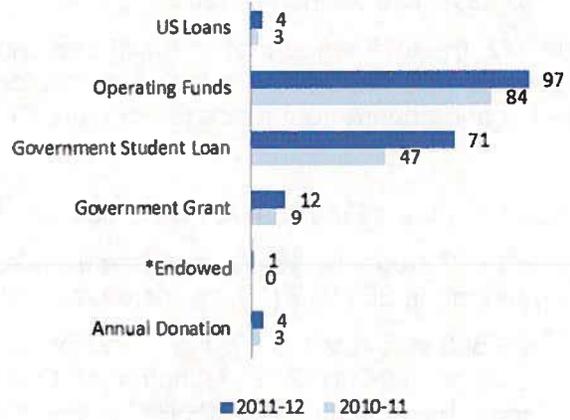


Figure 10. Amount Funded: Need-Based Support for Undergraduate Students, Okanagan

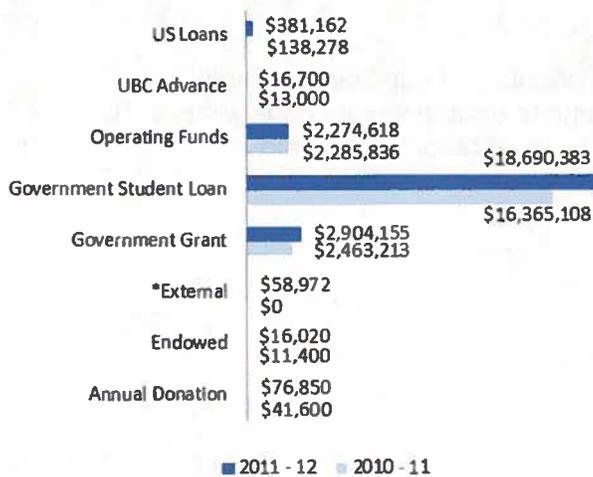
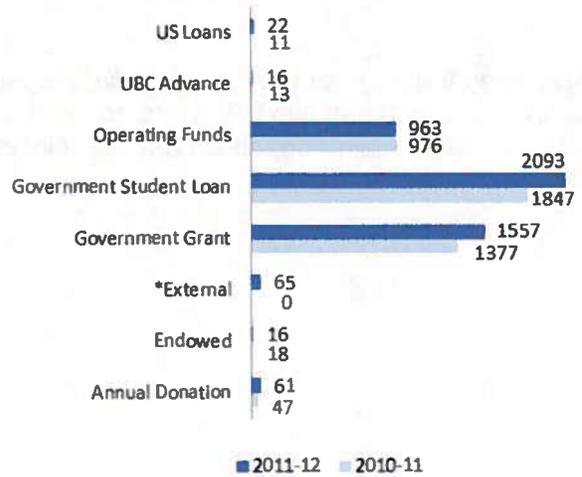


Figure 11. # of Recipients: Need-Based Support for Undergraduate Students, Okanagan



*Figures 8 & 9: Award No. 27317 (A.W.HUNT, Q.C. Student Emergency Assistance Fund) is opened to all Okanagan Students but was never offered to Graduate Students in the past. * Figures 10 & 11: Award No. 20916 (External Undergraduate Bursary) was first offered in 2011/12. No External Need-based awards were offered to Okanagan students in 2010/11.

A Commitment to Innovation and Jobs

UBC is committed to contributing to economic well-being and social and environmental sustainability through our research, scholarship and teaching. Science and technology research programs at UBC lead to innovations contributing directly to the creation of novel products, industries, jobs and economic opportunities, in British Columbia and around the globe. Social science and humanities research at UBC leads to a better understanding of how our communities and cultures can thrive in the rapidly changing social and economic landscape of the twenty-first century.

In the last fiscal year UBC Okanagan secured 11.7 million dollars in research funding supporting 480 research projects. The University's key sources of funding are the three federal granting agencies (the "Tri-Councils"), which provide a variety of research grants in the areas of Social Science and Humanities, Health Research and Natural Sciences and Engineering.

The Natural Science and Engineering Research Council, "NSERC", provides tremendous support for applied research which has translated into millions of dollars for innovation on our campus. Three NSERC grants in particular, the *Interaction*, the *Engage* and the *Collaborative Research and Development* grants, are specifically designed to fund collaborations between researchers and industry to find innovative solutions to industry-specific problems. Researchers at the Okanagan campus have one of the highest success rates for *Engage* grants in the country, which means that local companies such as OK Builders Supply, Cedar Creek Estate Winery, Accutruss Canada and countless others in the region and beyond have benefited from research innovation developed here in the Okanagan.

It is a two way street: industry partners do not just benefit from UBC research expertise, they also help fund it. Private companies, small businesses and industry associations have provided hundreds of thousands of dollars to faculty and students in the form of matching funds to secure other grants, internships, as well as directly funding research projects in health, engineering, chemistry and management this year alone.

UBC has already had an immense economic impact on the region. As of 2010, overall spending driven by UBC activities in the Okanagan represented \$1.45 billion in economic activity. Our direct spending alone in the 2009/2010 fiscal year was \$356 million. To this we can add an additional \$52 million in student spending as a direct result of UBC's presence in the region, for a total of \$407 million. Since this economic impact study was completed we have increased our student body by 2,000 and we have added more than 200 jobs, a significant contribution to economic development in the region.

Figure 12: Campus Research Grant Funding, by category (count)

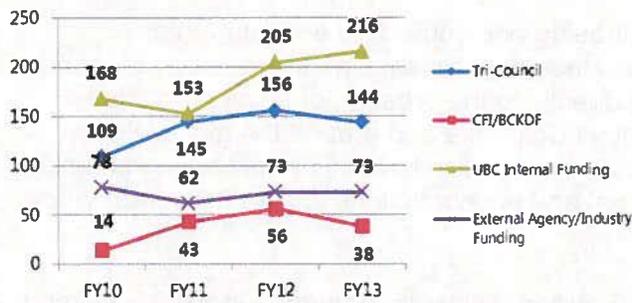


Figure 13: Campus Research Grant Funding, by category (value)

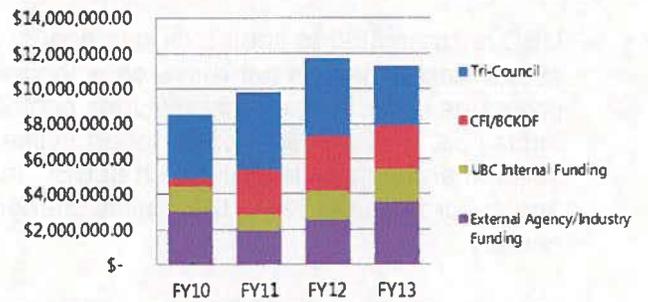


Figure 14: Campus Research Grant Funding, by Tri-Council classification (count)

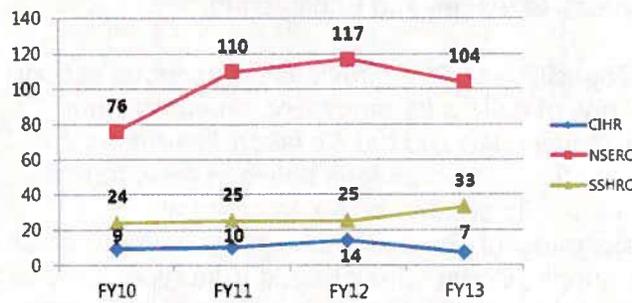


Figure 15: Campus Research Grant Funding, by Tri-Council classification (value)

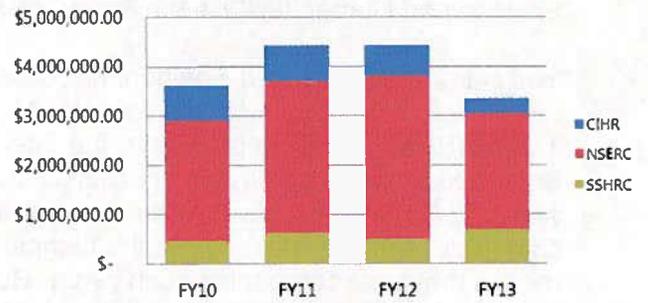


Figure 16: Campus Research Grant Funding, by selected NSERC programs (count)

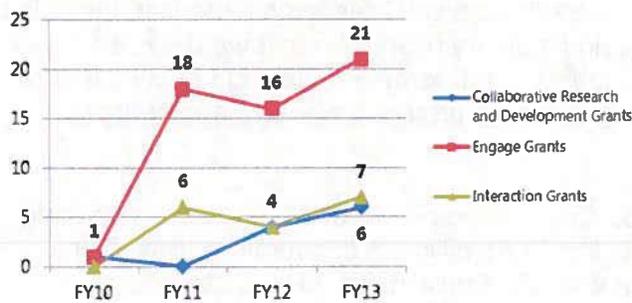
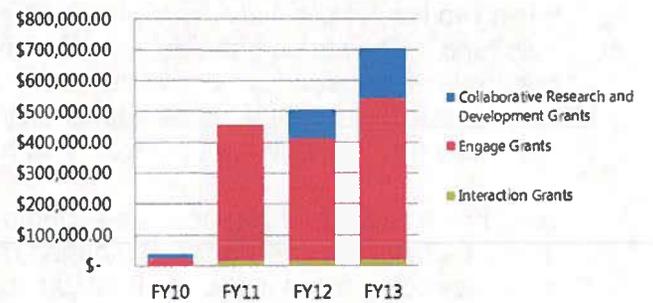


Figure 17: Campus Research Grant Funding, by selected NSERC programs (value)



FY13 data valid as of 21 November 2012 (preliminary and includes successful applications currently pending in RISE and funding projections, where applicable).



University of British Columbia

2012 Annual Report on Enrolment: Okanagan Campus

Wes Pue

Provost and Vice-Principal

UBC Okanagan





Introduction

The enrolment report for the 2012 year marks a significant point in the maturation of the University of British Columbia's Okanagan campus. We have now shifted from seven years of growth to a period of managing the number and distribution of enrolled students to the levels mandated by funding allocations established by the provincial government. Government funding is allocated for a defined number of full time equivalent (FTE) domestic students. For the Okanagan campus of UBC the allocation for 2012/13 is based on 6923 FTE students. It is not possible to translate that number into an exact headcount of students, because for most students the conversion rate depends on the average course credit load, which fluctuates from year to year.

From 2005, when the Okanagan campus was established, to 2010 the campus enrolment strategy was consistently to grow as much as possible without pushing to uncontrolled growth. The objective from 2011 forward is to enrol domestic students up to the funded numbers. The Okanagan campus had essentially met its government funded target for the first time in 2011/12. In 2011, the government funded us 6923 FTE and we delivered 6616 FTE, which is about a 96% utilization rate.

Based on preliminary data for the 2012/13 year, we estimate a utilization rate of 100% in meeting our ministry target. For 2012, the strategy shifts to a focus of maintaining domestic enrolment levels and pursuing the optimal distribution of enrolments across academic programs to ensure the health of the campus and student satisfaction. The campus seeks to increase aboriginal student enrolment and graduation, improve retention rates in all programs, and increase international student enrolment. Enrolling students from diverse backgrounds enriches the learning environment for all students. International student tuition is set at cost recovery levels and growth in international enrolment is thus not constrained by government funding allocations. Details within this report reflect a trend of growth in international student enrolment and detail the diversity in the countries of origin for these students. Similarly, aboriginal student enrolment has increased every year through a number of efforts including Aboriginal Access programming and retention efforts.

The retention information in this report also demonstrates that the Okanagan campus has not yet fully matured. There are some oscillations noted in retention levels from year to year and the range that contains this movement is still below long-term aspirations. Specific long-term targets are still to be established, but that will not delay efforts to improve student retention and graduation rates, another focus for the campus.

Admissions

The admission process involves a series of filters, some controlled by the applicant (e.g. choosing to include all the required information) and some controlled by UBC (e.g. establishing minimum performance thresholds). At each stage the number of applicants moving forward is decreased. These steps are commonly referred to as the “enrolment funnel” and within the process ‘conversion rates’ are carefully monitored. In this report we explore the conversion rate that represents the percentage of admitted students who subsequently register at UBC’s Okanagan campus and how that rate has trended over the past five years. The following charts are based only on undergraduate students whose first choice was UBCO. These data were provided by the Associate Registrar of Undergraduate Admissions.

Figure 1. Overall Conversion rates, 2008-2012

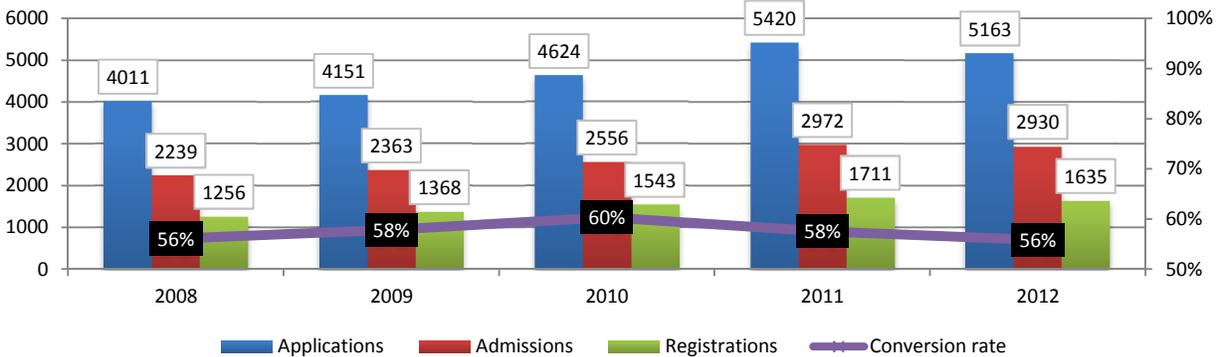


Figure 2. Domestic Conversion rates, 2008-2012

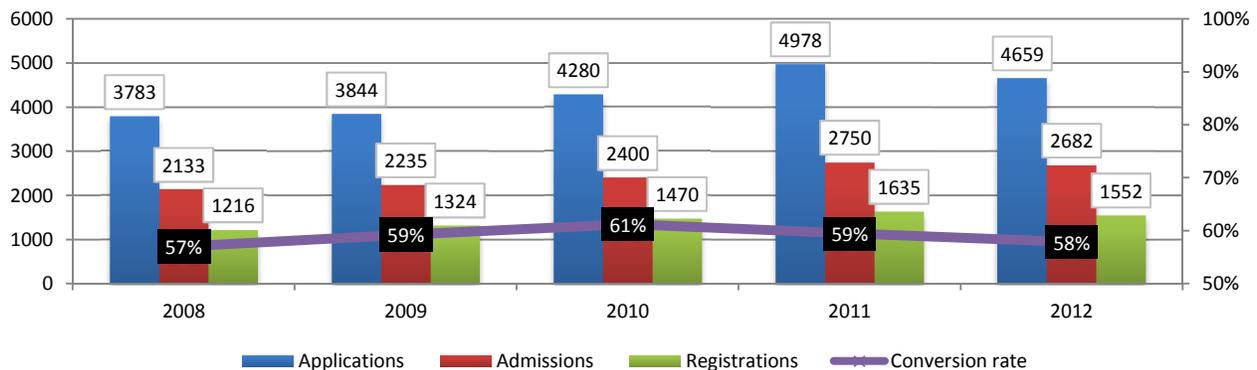
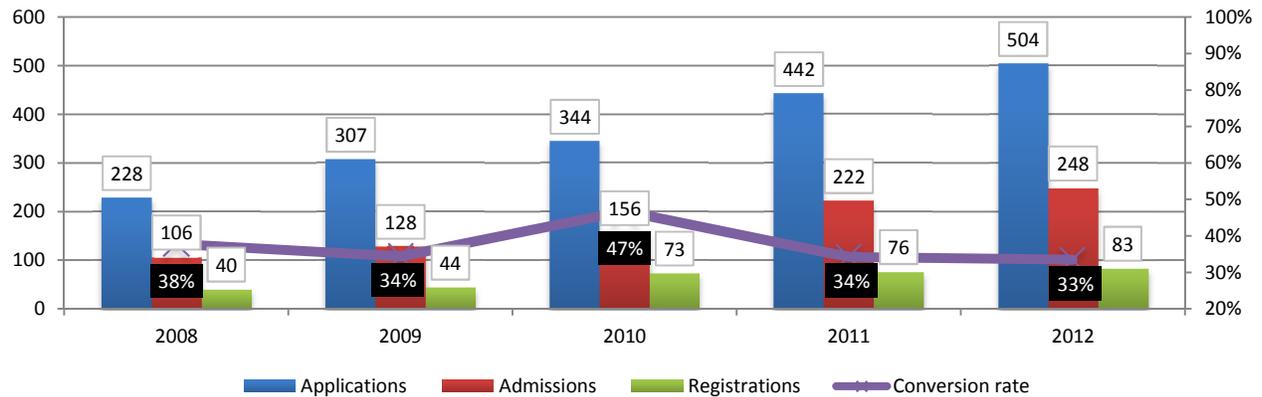


Figure 3. ISI Conversion rates, 2008-2012



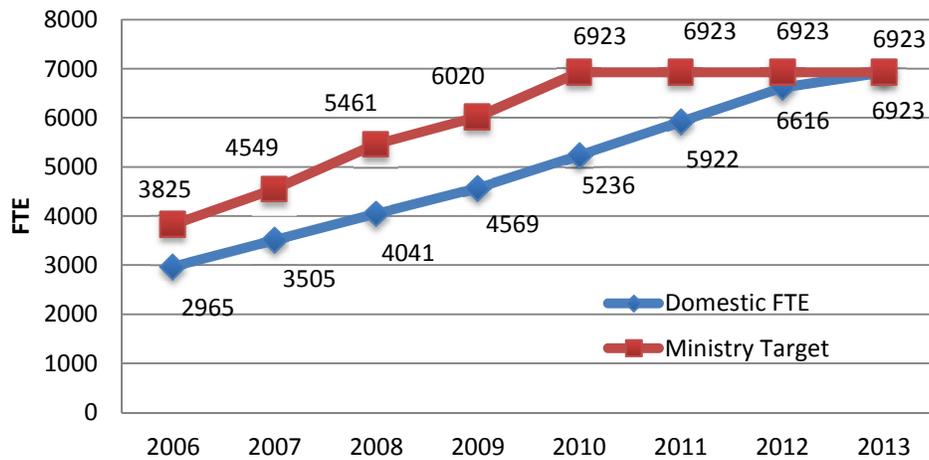
In 2012, even though applications dropped by almost 5% from 2011, the quality of applicants was high and the number of offers of admission remained almost the same. The reduction in total application numbers did not affect the number of admissible students. The slight reduction in offers made is a reflection of managing enrolment of new students as we approach the limits of funding for domestic students – we are no longer in ‘growth mode’ for domestic students. The final registrations realized from these applications allowed us to manage overall enrolment almost exactly to target.

It is likely that the total number of applications received was a crossover impact of personal profile questions being implemented for Vancouver-based programs in 2011. Institutions implementing holistic admissions consistently report a reduction in complete applications submitted in the first year. Last year there was a 10% reduction in applications for Vancouver programs. As the Okanagan campus implements holistic admissions this year, we anticipate only a slight reduction in applications received because of the crossover impact we believe we have already realized.

Enrolment

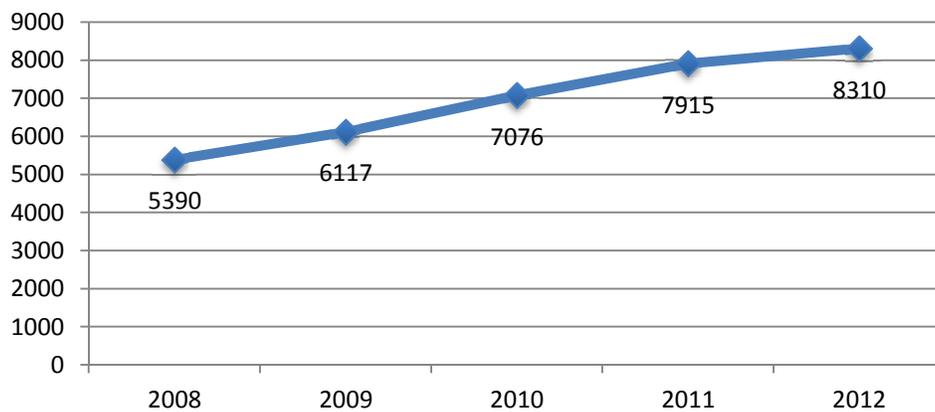
The Okanagan campus has followed a path of significant growth since being established in 2005. In keeping with the overall objective to align actual enrolment to government funded targets, we estimate that we will reach 100% of the 6923 full time equivalent (FTE) target in 2012/13¹. If a year to year trend line were to be drawn only for domestic students, it would not continue to rise in future years because we have reached domestic student funding limits.

Figure 4. Okanagan Funded Domestic FTE and Actual Domestic FTE



The headcount enrolment represents the number of individual students registered each year (i.e. not adjusted to “full time equivalents”), with the most recent five years being diagrammed here. The relationship between headcount and FTE is not fixed since FTE counts include the course credits in which students enrol. The overall student count increased by 5% over 2011.

Figure 5. All Students Nov. 1 Total Headcount, 2008-2012



¹ Data provided by the Office of Planning and Institutional Research; PAIR.

Table 1. Nov. 1 Headcount by degree level; 2008-2012

	2008	2009	2010	2011	2012
Undergraduate	4876	5520	6340	7021	7453
Non-degree	185	151	193	203	214
Graduate	329	446	543	691	643
TOTAL	5390	6117	7076	7915	8310

Table 2. Nov. 1 Undergraduate Student Headcount; 2008-2012

	2008	2009	2010	2011	2012
Domestic	4832	5377	6124	6777	7116
International	229	294	409	447	551
TOTAL	5061	5671	6533	7224	7667

Figure 6. Headcount Enrolment Perspectives, 2012 Winter Term

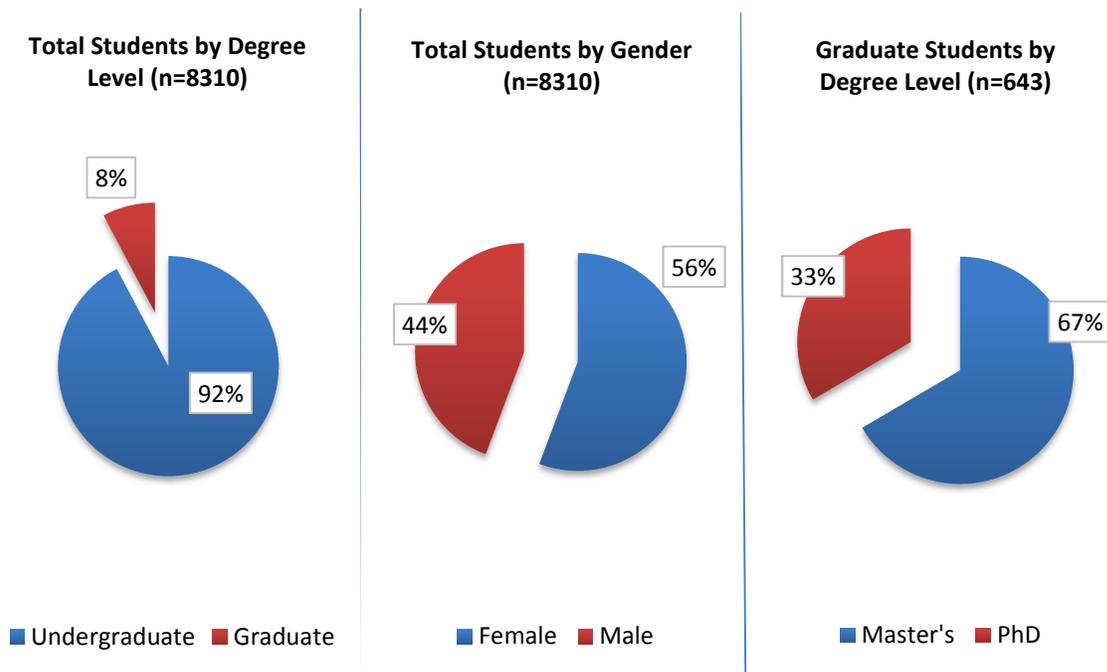
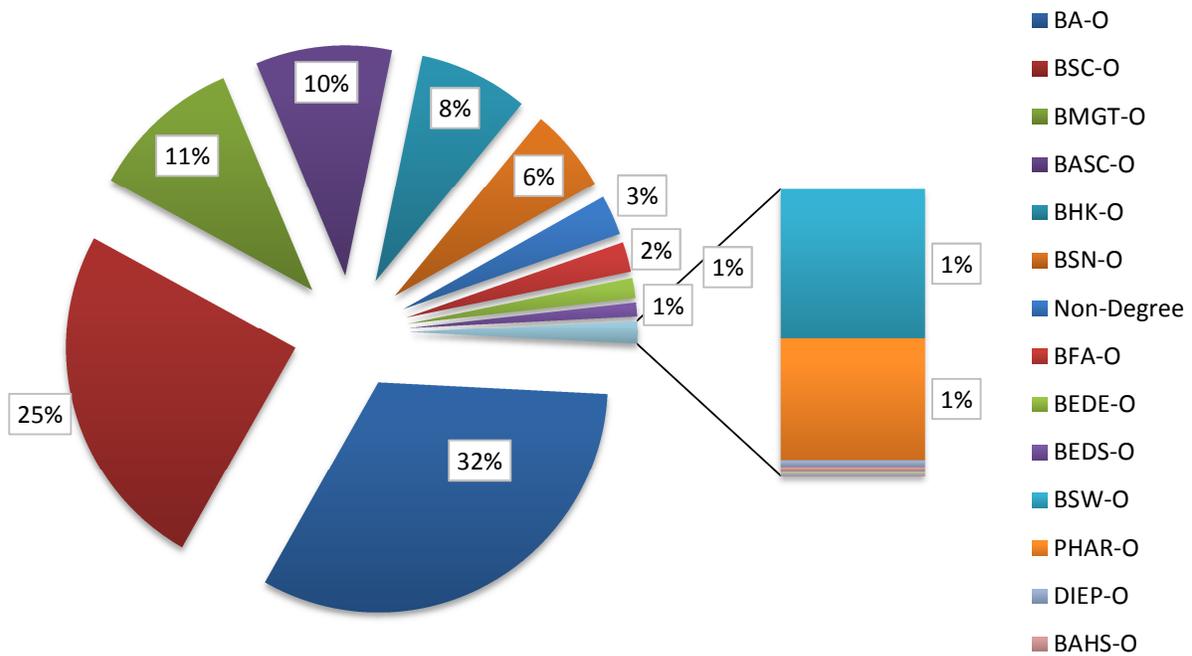


Figure 7. Undergraduate Students by Degree Program (n=7667)



As the campus is essentially now at fully funded levels, the growth curve for domestic students will flatten. Additional increases will come from enrolments that do not impact funded FTE, such as undergraduate international students. Future growth in undergraduate international enrolment is possible because the tuition paid by international students covers the full cost of their education.

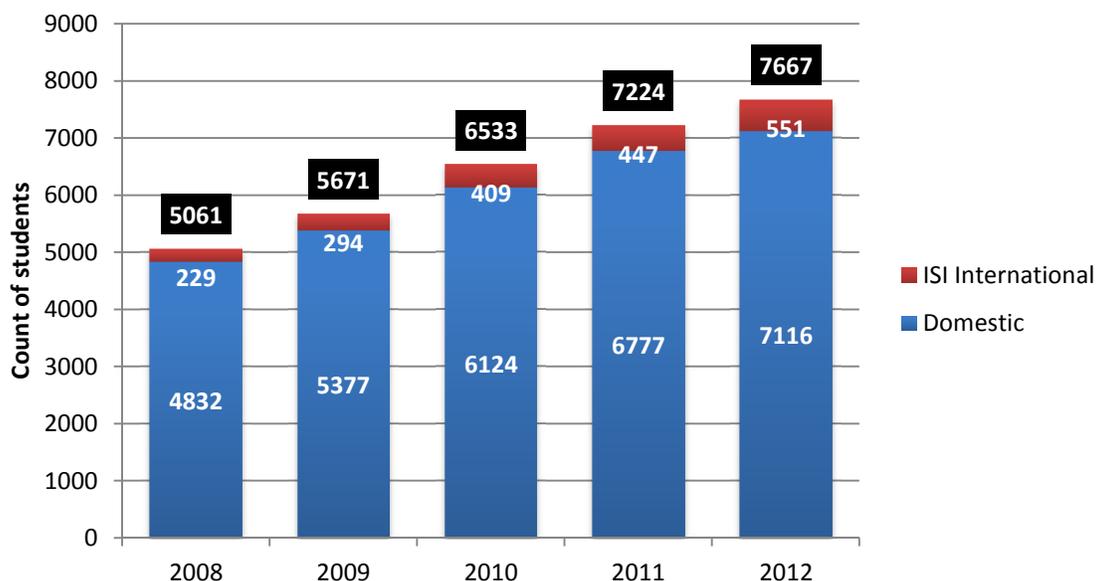
International students are added to our full complement of funded domestic students, thereby enriching experiences in numerous ways to the benefit of all members of the campus community.

International and Regional Diversity

International enrolment continues to show strong growth at the Okanagan campus. We consider international student status in two ways: ISI (international student initiative) and international status for all students. “ISI” refers to international undergraduate students who are in Canada on student or visitor visas and pay full-cost recovery tuition, and includes both degree and non-degree students. International status for all students includes all international undergraduate students regardless of their tuition plan as well as international graduate students.

Recruitment efforts for undergraduate international students focus primarily on undergraduate direct entry programs. These efforts continue to be extremely successful at the Okanagan campus, showing a 23% increase in the ISI headcount over last year. The domestic category embraces both permanent residents and citizens of Canada.

Figure 8. Undergraduate Student Headcount, 2008-2012 (Nov. 1)



While ISI classification captures most undergraduate international students at the Okanagan campus, some undergraduate students do not pay international fees (e.g. exchange students, dependents of diplomats). In the 2012 winter term, there were 551 undergraduate international students registered at the Okanagan campus, and an additional 147 international graduate students, which represents about 8% of our total student enrolment. This is an increase of about 17% over last year when the enrolment was 593 total international students registered at this campus.

Table 3. Total Student Headcount by Status (graduate and undergraduate)

	2008	2009	2010	2011	2012
Domestic	5129	5755	6566	7322	7612
<i>Aboriginal*</i>	165	195	204	222	238
International	261	363	510	593	698
TOTAL	5390	6118	7076	7915	8310

*Students who self-identified as Aboriginal. They are included in the Domestic headcount.

At the Okanagan campus, students from China represent the largest percentage of the international student body followed by students from Bangladesh, Iran, South Korea, and USA.

Figure 9. All students: International enrolment by country, winter 2012 (n>7)

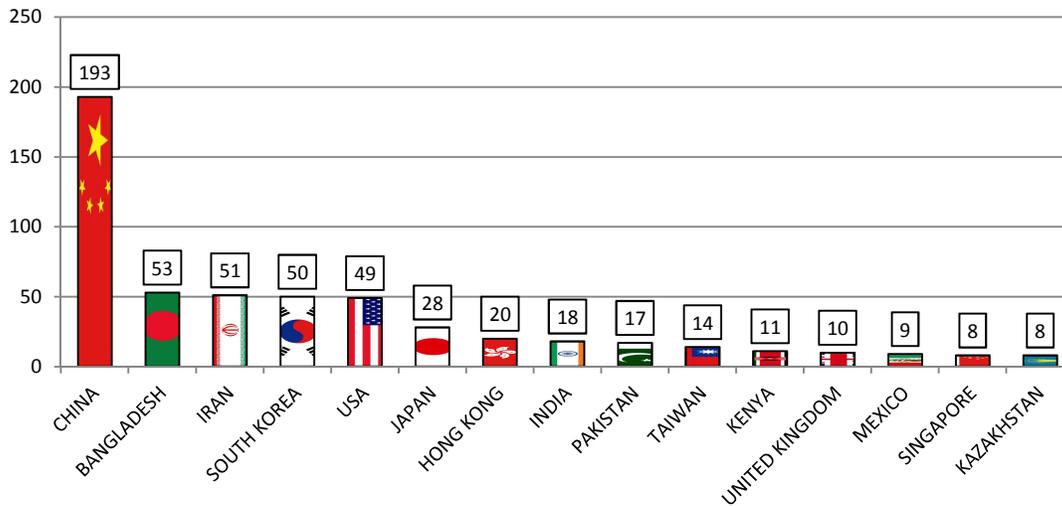
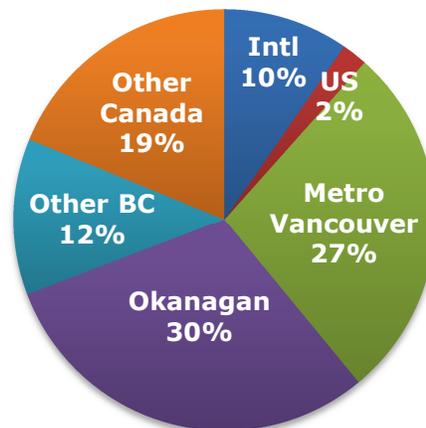


Figure 10. Direct-entry, new to UBC Student Origins, 2012 winter term (n=1779)

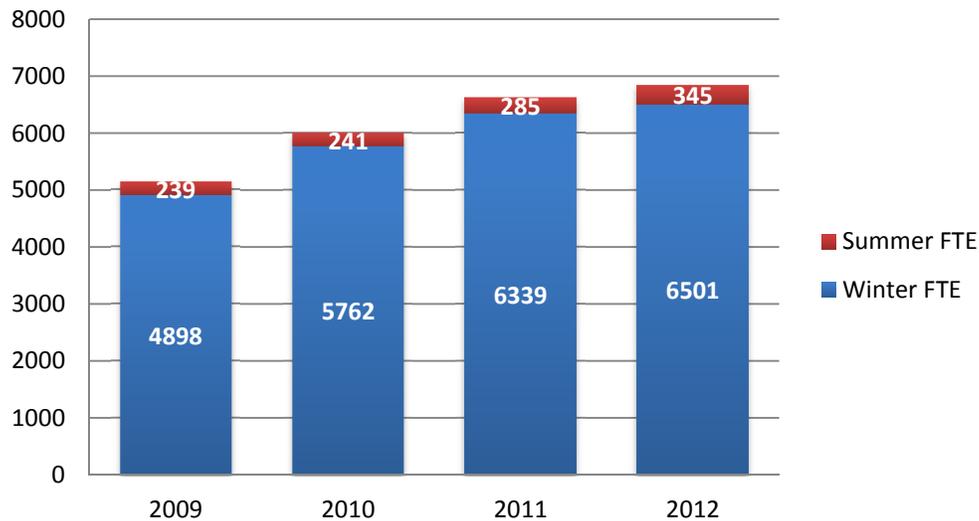


Teaching Activity

Undergraduate course taught FTE provides a good measure of the teaching activity occurring on campus at UBCO. It is distinct from the program FTEs used for government reporting purposes. Course taught FTE includes primary activity delivered in the winter and summer terms but excludes the following activity types: exchange program, tutorial and work placement courses.

Course taught FTE is calculated for each term as the sum of credits per course section multiplied by the number of students enrolled and then divided by 30.

Figure 11. Undergraduate Course Taught FTE



New Student Retention

This section reports the campus student retention rates for UBC’s Okanagan campus over the past four years. This summary includes new to UBC, first-year, full-time students starting their programs on the Okanagan campus and enrolling at the Okanagan campus in the following year.

Overall retention has improved as compared to the levels of 2005, but for the four years reported here, it is apparent that the overall rate has been quite steady, with a slight uptick in 2010. As would be expected because of the smaller size of each population segment, the rates within each program have experienced more fluctuation. The increase over 2005 rates is likely due to improving quality of new students, a growing appreciation on the part of applicants of the distinctiveness between UBCs two campuses, more robust and wider selection of academic programs, and an improved campus environment.

Improving retention rates is identified as a key objective for the campus and will be a focus of Strategic Enrolment Management efforts.

Figure 12. Overall Retention by degree program, 2008-2011

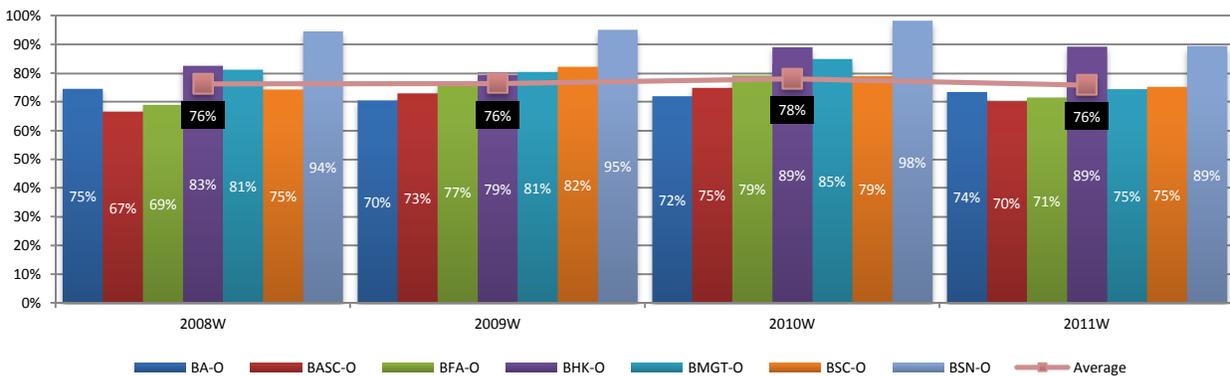


Figure 13. Domestic Retention by degree program, 2008-2011

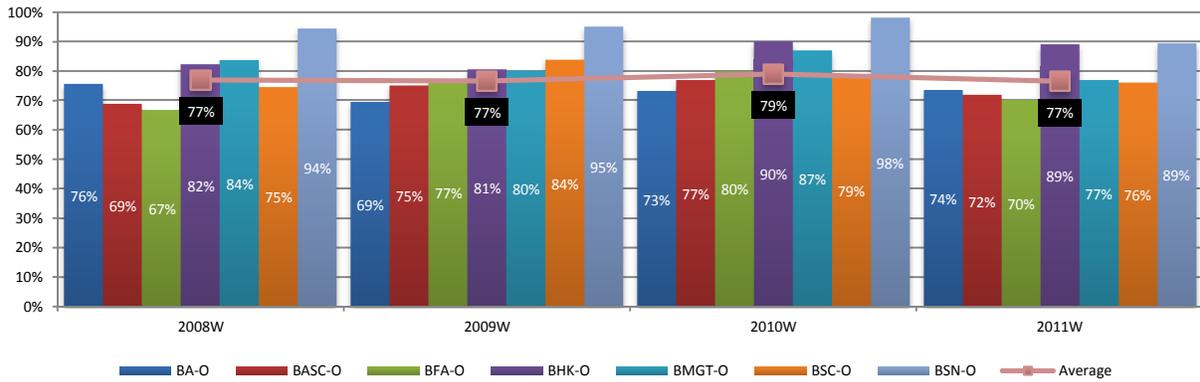
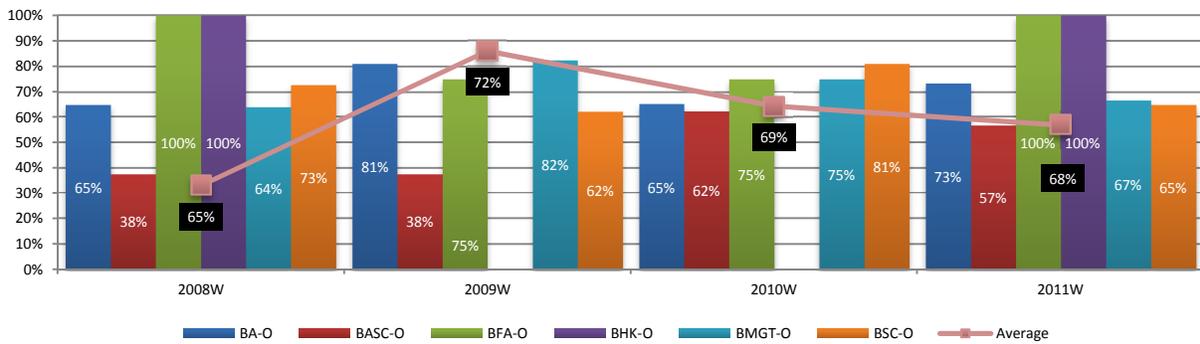


Figure 14. ISI Retention by degree program, 2008-2011

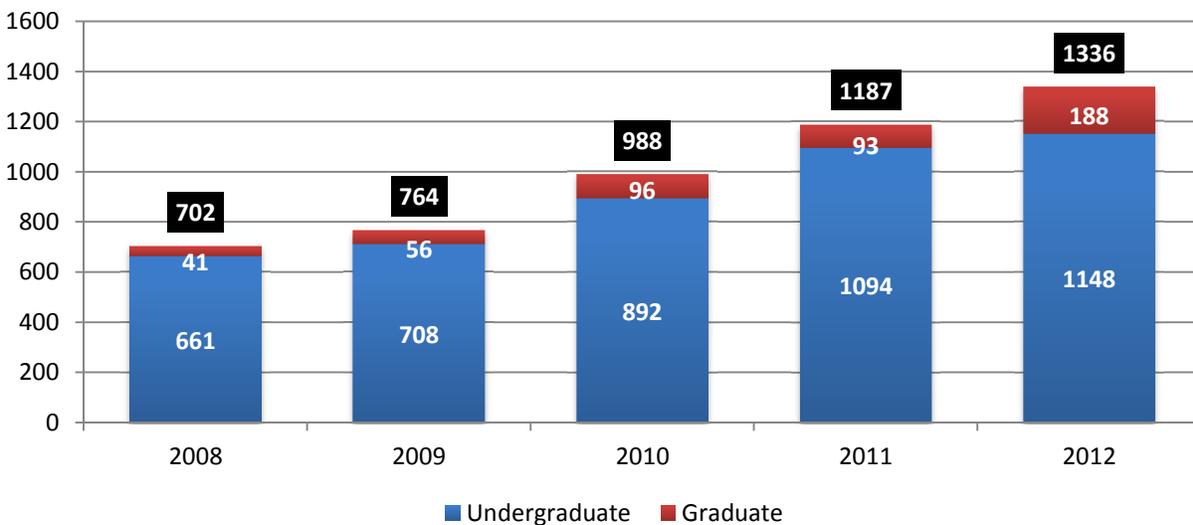


Graduation

The steady growth in degrees conferred corresponds to the enrolment growth experienced in the Okanagan. Leveling off from this pattern will be similar to the overall leveling off of enrolment growth, but there will be a lag of several years because, of course, it takes at least four years to complete an undergraduate program.

In 2005 there were two graduation ceremonies in early June and that has now increased to a full day of four ceremonies. Furthermore, some students have their degrees conferred each November, starting with 41 in 2006 and increasing to 214 in 2012. The students who graduate in November are invited to attend a ceremony in the following spring.

Figure 15. Degrees conferred by Year, 2008-2012





Appendix: Okanagan Headcount Enrolment by Faculty, Program and Citizenship

Faculty	Program	2011			2012		
		Domestic	International	Total	Domestic	International	Total
Non-degree	Access Studies	89		89	77		77
	Exchange	4		4	8		8
	Unclassified	91		91	117		117
	Visiting	19		19	12	1	13
Faculty Total		203		203	214	1	215
Applied Science	Bachelor of Applied Science	646	38	684	689	49	738
	Master of Applied Science	27	43	70	23	40	63
	Master of Engineering	2		2	5	1	6
	Doctor of Philosophy	19	46	65	25	53	78
Faculty Total		694	127	821	742	143	885
Arts and Science	Bachelor of Arts	2,076	172	2,248	2,094	179	2,273
	Bachelor of Science	1,541	94	1,635	1,770	126	1,896
	Pre-Pharmacy Studies	47	1	48	53		53
	Master of Arts	50	3	53	40	2	42
	Master of Science	67	12	79	59	15	74
	Doctor of Philosophy	60	31	91	63	22	85
Faculty Total		3,841	313	4,154	4,079	344	4,423
Education	Bachelor of Education, Elementary	104		104	108		108
	Bachelor of Education, Secondary	77		77	75		75
	Certificate Programs	5		5	1		1
	Diploma Programs	5		5	4		4
	Master of Arts	9	2	11	22	2	24
	Master of Education	109	2	111	58		58
	Doctor of Philosophy	5		5	10		10
Faculty Total		314	4	318	278	2	280
Creative/Critical	Bachelor of Arts	200	5	205	200	9	209
	Bachelor of Fine Arts	165	10	175	150	12	162
	Master of Arts	27	2	29	27	2	29
	Master of Fine Arts	17	1	18	14	2	16
	Doctor of Philosophy	13	1	14	14	1	15
Faculty Total		422	19	441	405	26	431
Health/Soc. Dev.	Bachelor of Arts in Health Studies	9		9	2		2
	Bachelor of Human Kinetics	528	7	535	585	6	591
	Bachelor of Science in Nursing	448	1	449	450	1	451
	Bachelor of Social Work	80		80	65		65
	Master of Arts	2		2	1		1
	Master of Science	11		11	15		15
	Master of Science in Nursing	40		40	33		33
	Master of Social Work	45		45	52	2	54
Doctor of Philosophy	23	2	25	24	1	25	
Faculty Total		1,186	10	1,196	1,227	10	1,237
Management	Bachelor of Management	643	119	762	656	168	824
	Master of Arts				1	1	2
	Master of Management	18	1	19	8	2	10
	Master of Science					1	1
	Doctor of Philosophy				2		2
Faculty Total		661	120	781	667	172	839
Grand Total		7,321	593	7,914	7,612	698	8,310

THE UNIVERSITY OF BRITISH COLUMBIA



OKANAGAN SENATE SECRETARIAT Enrolment Services Senate and Curriculum Services

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January 30, 2013

To: Okanagan Senate

From: Mr. James Ridge
Associate Vice-President and Registrar, and Secretary to the
Okanagan Senate

Subject: 2013/14 Academic Year (information)

The *draft* 2013/14 Academic Year is available for your review at:
<http://www.calendar.ubc.ca/okanagan/proof/edit/academicyear.cfm?go=2013,all>.

The draft dates were circulated widely throughout the campus. All academic units that list program-specific dates have been consulted.

Key dates for the 2013/14 Winter Session are as follows:

Term 1

Tuesday September 3, 2013	Term 1 begins
Tuesday November 12, 2013	Midterm Break
Friday November 29, 2013	Last day of Term 1 classes for most faculties
Wednesday December 4, 2013	First day of exams for Term 1
Wednesday December 18, 2013	Last day of exams for Term 1
Number of Teaching Days	60

Term 2

Monday January 6, 2014

February 17-21, 2014

Tuesday April 8, 2014

Saturday April 12, 2014

Wednesday April 30, 2014

Number of Teaching Days

Term 2 begins

Midterm Break

Last day of Term 2 classes for most faculties

First day of exams for Term 2

Last day of exams for Term 2

61

Draft term and examination dates for academic years up to and including 2017/18 may be viewed here: <http://senate.ubc.ca/okanagan/termdates>.

Please contact nathalie.hager@ubc.ca by February 1, 2013 with any questions or comments regarding the 2013/14 Academic Year.