



**Okanagan Senate**  
**THE NINTH REGULAR MEETING OF THE OKANAGAN SENATE**  
**FOR THE 2012/2013 ACADEMIC YEAR**  
THURSDAY 16 MAY 2013  
3:30 P.M. to 5:30 P.M.  
ASC 130 | OKANAGAN CAMPUS

1. **Minutes of the Meeting of 24 April 2013 – Prof. Stephen J. Toope** (approval)  
(master pages 3-21)
2. **Business Arising from the Minutes – Prof. Stephen J. Toope**
3. **President’s Remarks – Prof. Stephen J Toope**
4. **Deputy Vice-Chancellor’s Remarks – Prof. Deborah Buszard**
5. **Candidates for Degrees**

The chair calls for the following motion:

*That the candidates for degrees, as recommended by the faculties and the College of Graduate Studies, be granted the degrees for which there were recommended, effective June 2012, and that a committee composed of the registrar, the appropriate Dean(s) or their appointed designates, and the Chair of the Okanagan Senate, be empowered to make any necessary adjustments. (2/3 majority required)*

A list of graduands are available from the Registrar before or at the meeting.

6. **Admissions and Awards Committee – Dr Spiro Yannacopoulos**
  - a. New Awards (approval) (master pages 22-23)
  - b. Annual Report on Committee Activities (information) (master page 24)
7. **Joint Report of the Admission & Awards and Curriculum Committees – Dr Spiro Yannacopoulos** (approval) (master pages 25-37)  
Discontinuation of the Pre-Pharmacy Program
8. **Appeals of Standing & Discipline Committee – Ms Laura Patterson** (information)  
(master pages 38-42)  
Annual Report on Committee Activities
9. **Curriculum Committee – Mr Ramine Adl** (approval) (master pages 43-134)  
May Curriculum Report
10. **Nominating Committee – Dr Deborah Roberts**

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- a. Provost Search Committee Appointments (approval) (master page 135)
  - b. Appointments to Senate Committees (approval) (master page 136)
  - c. Adjustment to Committee Memberships (approval) (master pages 137-138)
  - d. Presidential Search Committee Election (approval) (master page 139)
- 11. Report from the Provost – Prof. W. Wesley Pue** (information)  
Report to Senate
- 12. Discussion Period** (information) (master pages 140-141)  
Senate Operations
- 13. Other Business**  
Regrets: telephone 604.822.5239 or e-mail: [facsec@mail.ubc.ca](mailto:facsec@mail.ubc.ca)  
*UBC Senates and Council of Senate website: <http://www.senate.ubc.ca>*



## Okanagan Senate

### Minutes of 24 April 2013

**DRAFT**

#### Attendance

Present:	Prof. D. Buszard (Vice-Chair), Mr R. Adl, Dr L. Allan, Dr P. Arthur, Dr P. Balcaen, Dr G. Binsted, Dr L. Bosetti, Dr E. A. Broome, Mr S. Bullock, Mr J. Byron, Dr K. Carlaw, Dr J. Cioe, Dr F. de Scally, Mr N. Dodds, Mr B. Edwards, Mr T. Ewila, Ms A. Geddes, Dr M. Grant, Dr S. Hilton, Dr J. Johnson, Dr C. Labun, Dr Y. Lucet, Mr C. MacKay, Ms B. Marcolin, Dr C. Mathieson, Dr A. Milani, Dr B. Nilson, Ms L. Patterson, Dr A. Phillion, Dr W. Pue, Dr D. Roberts, Dr C. Robinsom, Dr C. Scarff, Ms S. Sneg, Dr R. Sugden, Dr D. Tannant, Dr W. Tettey, Mr C. Tse, Dr G. Wetterstrand, Dr S. Yannacopoulos
Regrets:	Prof. S.J. Toope (President), Mr I. Cull, Dr R. R. Dods, Dr. E. Hall, Ms F. Helfrand, Dr K. Hewage, Ms S. Morgan-Silvester, , Dr P. van Donkelaar
Guests:	Ms K. Darling, Ms N. Hager, Mr M. Shakespeare, Ms M. Sidhu
Recording Secretary:	Mr C. Eaton

#### Call to Order

The Vice-Chair called the eighth regular meeting of the Senate for the 2012/2013 Academic Year to order.

#### Senate Membership

##### STUDENT REPRESENTATIVES

The Acting Secretary asked the new and returning student representatives to Senate to introduce themselves. Elected from 1 April 2013 to 31 March 2014 were:

##### Representatives of the Students At-Large:

Mr. Nick Dodds, Faculty of Arts and Sciences  
Mr. Blake Edwards, Faculty of Arts and Sciences  
Mr. Trophy Ewila, Faculty of Arts and Sciences  
Ms. Alexa Geddes, Faculty of Arts and Sciences  
Mr. Cody MacKay, Faculty of Management  
Mr. Curtis Tse, Faculty of Management, Returning

##### Representative of the Students of the Faculty of Arts and Sciences:

Ms. Shira Sneg

##### Representative of the Students of the Faculty of Management:

Mr. Simon Bullock

Mr Eaton noted that due to a lack of nominations, the student representatives for the faculties of Applied Science, Creative & Critical Studies, Education, and Health & Social Development, as well as the graduate student representative, had yet to be determined and explained that his office would work with the students' union to fill those seats.

#### **SENATE NOMINATING COMMITTEE**

The Acting registrar called for nominations to the Senate Nominating Committee for two (2) students and one (1) other senator. Nominations were due by 3 May 2013 and if needed, an election would be held at the next meeting of Senate.

#### **REPRESENTATIVE OF THE CONVOCATION**

Jan Cioe	}	<i>That Mr Josh Byron be appointed to Senate to fill the vacancy of Mr Christopher Gorman as a Representative of the Convocation until 31 August 2014 and thereafter until replaced</i>
Gordon Binsted	}	

#### **Minutes of the Previous Meeting**

Wisdom Tettey	}	<i>That the Minutes of the Meeting of 27 March 2013 be adopted as corrected:</i>
Dwayne Tannant	}	

*Corrections: Mr Ramine Adl was present; find not fund on page 3.*

Approved.

#### **Deputy Vice-Chancellor's Remarks**

The Deputy Vice-Chancellor noted that late last year, she and Dean Grant visited Ottawa but were not able to meet with representatives from the Social Sciences and Humanities Research Council (SSHRC) due to scheduling. More recently, she, and Deans Tettey and Sugden were able to meet with the SSHRC president and invite him to campus.

Professor Buszard announced that Dean Tettey spoke at the announcement of the MasterCard Foundation Scholars program at Rideau Hall in Ottawa. She noted that the program was being launched at the Vancouver campus but hoped it could be expanded to all of UBC.

The Deputy Vice-Chancellor advised Senate that she attended the Okanagan campus long-service award lunch, and recognized the following honorees for 2013:

25 Years: Michael Gesi, Security Services; Daniel Kay, Arts & Sciences  
35 Years: Michael Berger, Creative & Critical Studies; Rose Cresswell, Library; Maurice Williams, Arts & Sciences

### **Academic Building & Resources Committee**

The Committee Chair, Dr Peter Arthur, presented.

#### **BUDGET PRESENTATION**

Dr Arthur introduced Mr Michael Shakespeare, Associate Vice-President Finance to present the 2013 budget and reminded senators of the two questions to keep in mind that his committee distributed the previous week:

- 1) In a budget constrained time, how do we think about academic innovation, and being more efficient with resources?
- 2) In what new and innovative ways might the University and its faculties make better use of the Campus during the summer months?

Mr Shakespeare noted that his presentation was the same as given the Board of Governors for approval earlier in the month. He reminded senators of the system-wide financial pressures for UBC and their impact for the Okanagan campus, especially restrictions on our primary sources of funding and increased costs due to inflation, global trends, and University ambitions. He further noted that the campus operating budget of \$116 million was funded 60% from government and 40% from tuition. The \$300 000 from other sources amounted to less than 1% of our budget. Finishing the year we had a balanced budget as required under the *University Act* and had a surplus of \$2.8M recurring. We saw a \$3.6M increase in revenues, \$ 1.7 million of which were from ISI. We also identified around \$3M that could be retargeted. For 2013/2014 we are having 2.4M in general wage increases that will be covered centrally and 1.3M in program growth. This left us with 3M to invest in new initiatives.

Mr Shakespeare then explained the 2013/14 Place and Promise investments as well as the general faculty funding allocations, noting that no reductions were made to faculty budgets.

He then went over the risks and opportunities for the future:

- Government was projecting further cuts for the future and expected those to be covered through centralized services for procurement and information technology. For UBC this will be a challenge as we are the largest university in the province and thus already have good economies of scale.
- International enrolment was an opportunity but pedagogical reasons must be our priority. This is the main driver of our revenue growth. Our EFP program had a very successful September intake but this May was somewhat concerning. He suggested that the Vancouver campus' "Vantage" College presented a risk here.

- Faculty bargaining was an unknown variable in budget considerations.
- Investments were needed for research and graduate support
- Summer use of campus.
- Ongoing space concerns. Although we have a largely newly-built campus students and faculty still need more space for learning and research.

Mr Shakespeare noted that for 2014-2016 we are not expecting any large changes regardless of the results of the May 2013 election; our risks and opportunities should remain the same.

Senator Roberts asked about housing revenue for summer.

Mr Shakespeare explained that housing was centralized through Vancouver; they paid all the costs and received all the revenue. He noted that this actually amounted to a \$1 million subsidy to the Okanagan campus.

A senator asked how ancillary dividends were projected to increase by \$175 000.

Mr Shakespeare replied that this was from last year and an expected increase this year in parking costs. We were planning higher parking rates as one parked closer to campus.

Senator Cioe asked if the Interdisciplinary Graduate Studies (IGS) program being budgeted under ARSC was a presumption of its organization or the faculty of its director, or if it was just located there for budgetary convenience.

The Dean of the College of Graduate Studies replied it was just so that it had a faculty home; there is no assumption that IGS nor its director were under the faculty.

Mr Shakespeare confirmed that international student tuition remained on this campus.

Senator Yannacopoulos noted that the quality and price of food service were not the best on campus, yet we only received \$34 000 in revenue despite the high cost of food on campus

Mr Shakespeare agreed that this was a concern; we are in negotiations and considering our options for this contract.

Senator Tse noted that although Aramark's prices were increasing this year their contribution to UBC was actually decreasing.

Senator de Scally noted that he was recently impressed by the student service facilities at Lethbridge; a lot was privately sponsored and asked if this could be an option for us.

Mr Shakespeare replied that we saw a focus on the build out of our academic buildings when he arrived; the space audit noted a deficit in our other space however. We are building further recreational facilities for things such as ball hockey and volleyball. For future plans we consider a gym expansion as one of our three capital priorities.

Dean Mathieson asked what “community engagement” meant in terms of our budget and asked if it included alumni relations.

Mr Shakespeare advised that this was largely University Relations and the Development office.

The Vice-Chair added that this is to increase our ability to respond to our growing alumni community and increase our fundraising efforts for a new gym, a new library/learning centre, etc. We have some significant challenges and effectively no endowment.

Senator Bullock asked what the “productivity lump sum” line item referred to.

Mr Shakespeare agreed to look into this and report back via the Vice-Chair.

Senator Tse asked if faculty funding was based on faculty size.

The Provost replied that our budget model was largely historical and only considered incremental changes at present; budgets are thus proportionate to articulated need, not size.

The Deputy Vice-Chancellor noted the challenge in student numbers reaching capacity with useful and needed programs but pilot initiatives started a few years back only having temporary funding. As an example she cited the Centre for Scholarly Communications. Professor Buszard suggested that the campus needed to be on a stable base budget to prepare for future decisions.

Senator Bullock asked if any funds were being transferred to the Vancouver campus.

Mr Shakespeare advised that a small transfer was made to pay for some centralized services such as Legal and Campus Planning.

Senator Yannacopoulos asked if our debt servicing was a concern.

Mr Shakespeare replied that we are working through debt service payments but have no overwhelming need to pay it down given low interest rates. We need to be diligent in how we use our funds, as \$1 million in debt paid off gives us \$70K in funding ongoing. He noted that some buildings such as Engineering, Management & Education have been paid off but not all buildings have been.

Senator Cioe noted that our first priority for capital projects was once a new library and asked if this was still the case.

Mr Shakespeare replied that we have three capital priorities, a library/learning centre, a gym, and student housing/mixed use.

Senator Cioe opined that last he had heard from the University President on this matter, the Library was a higher priority and asked if this was still the case.

The Deputy Vice-Chancellor replied that we have severe shortages for both library and gym space. On an interim basis, the pressing library/learning space is now being addressed by a dispersed approach across available space on campus.

The Provost added that the pressing need from students was places for them to work/study. We have a quick fix in using our existing space better. The Advisory Committee on Learning Spaces has done a lot of work in considering input from 400 students and has concluded that students essentially want a place to sit and a table. There is a process in place now to upgrade those arrangements. This will take some of the pressure but the second question is what we do with the library itself. Libraries have changed and now make a lot of information available digitally and we should not be using prime campus space for storage. The focus on libraries is about providing learning space.

Professor Buszard stated that we have a list of priority spaces but do not yet have a plan for what our additional learning spaces will be. Dispersed spaces are exciting but we know we also need new learning centre space.

Senator Tse raised the issue of lack of consultation on tuition increases this year as mandated under policy 71.

#### **BUDGET DISCUSSION**

Senator Cioe raised the summer session as an issue of both revenue generation and the reality of our student body changing. Many students are taking many years to complete their studies, not because they are slack in their studies but because they are working. A “summer” job makes no sense in that context. From that perspective, a broader summer program would be advantageous for both us and them. He expected that some faculty members would opt for the summer if it was offset. However, we had to ensure that this did not cause problems for overall availability for space.

The Vice-Chair noted that Dalhousie had a robust summer program; faculty there needed to teach in 2 out of 3 semesters each year.

A senator suggested that if a faculty became innovative online it could require less space, but there may not be any rewards or incentives to do so. Currently we can use as much space as we want and incur no costs for being less efficient.

Senator Marcolin spoke in favour of summer research institutes as a way of utilizing teaching space more in summer.

Senator Yannacopoulos noted that he sent an email to his faculty and they suggested that conferences over the summer could be a good way of bringing people to campus. Some incentives for conference organization on campus would be helpful as would more reasonable rates for on campus residences for conference use.

Senator Bullock suggested more widespread use of video lectures; it could free up teaching time, office, and TA hours if students could review material at their own time.



Senator Sneg asked if we could use the library in the summer to offer continuing studies type courses or if we could have summer camps use the campus.

Senator Roberts noted that she just had to move a workshop to downtown due to the high cost of food on campus.

Dean Bosetti noted that education ran year round and we encounter facility and access issues over the summer; the campus is isolated. It is also difficult for deans to schedule a trimester model for teaching. We could combine courses for parents with summer camps for kids.

Senator Mathieson noted that this was a good conversation for the Barber School as well. The last two summers, the Barber School taught 75% of the courses; this year, as last year, they were still looking for desks and places to put them for the 35 sessionals hired.

Senator Cioe noted that the Faculty of Medicine's video system was predicated on the students using the system as planned and not just using it to skip classes. A number of faculty already podcast or use these systems for supplementary material. Trying to schedule for a flipped classroom is a logistical nightmare. Some universities have given their faculties more freedom in organizing building spaces but there are logistical issues around innovative ideas. He suggested that we needed best practices, not just innovation.

The Deputy Vice-Chancellor thanked Senate for interesting debate and conversation.

### **Academic Policy Committee**

The Committee Chair, Dr Jan Cioe, presented.

#### **FACULTY OF MANAGEMENT REVISED TERMS OF REFERENCE**

<i>Jan Cioe</i>	}	<i>That Senate approve the revised Faculty Council</i>
<i>Wisdom Tettey</i>		<i>Terms of Reference for the Faculty of</i>
		<i>Management as set out in the attached proposal.</i>

Senator Bullock noted that student participation was guaranteed for the Faculty Council itself but not on its committees.

Senator Cioe agreed, noting that this was the model used for all the councils so far.

Approved

### **Admission & Awards Committee**

The Committee Chair, Dr Spiro Yannacopoulos, presented.

**READMISSION**

**CHANGE OF DEGREE PROGRAM**

**CHANGE OF CAMPUS**

**ACADEMIC LEAVE**

*See Appendix A: Admissions Summary*

*Spiro Yannacopoulos* } *That Senate approve the admissions proposals*  
*E. Alan Broome* } *for: Readmission, Change of Degree Program,*  
*Change of Campus, and Academic Leave for*  
*admission to the 2013 Summer Session and*  
*thereafter.*

Senator Yannacopoulos briefly outlined the nature of the changes, noting that this was mainly clarification to procedures and terminology used.

Approved

**REVISED AWARDS**

*See Appendix B: Awards Summary*

*Spiro Yannacopoulos* } *That Senate accept the revised awards as listed*  
*Dwayne Tannant* } *and forward them to the Board of Governors for*  
*approval.*

The Committee Chair noted that these awards were previously approved as prizes but the Faculty wishes to change them to be scholarships so that they can be used to encourage retention rather than as a reward.

Approved

**Learning and Research Committee**

*The Committee Chair, Dr Peter Arthur, presented.*

**OPEN ACCESS POSITION STATEMENT**

*Peter Arthur* } *Whereas:*  
*Jan Cioe* }

*One of the enduring goals of The University of*  
*British Columbia is to create and disseminate*  
*knowledge;*

*UBC is committed to disseminating the research*  
*performed at the university in ways that make it*

*widely accessible, while protecting the intellectual property rights of its authors;*

*Changes in technology offer opportunities for new forms of both creation and dissemination of scholarship through Open Access; which is broadly defined as free availability and unrestricted use of scholarly works;*

*Open Access also offers opportunities for UBC to fulfill its mission of creating and preserving knowledge in a way that opens disciplinary boundaries and facilitates sharing knowledge more freely with the world; and*

*UBC has operated an Open Access repository since 2007 in cIRcle which is operated and maintained by the University Library.*

*Therefore the Okanagan Senate endorse the following statements:*

*Faculty members are encouraged to deposit an electronic copy of their refereed and non-refereed research output and creative work in cIRcle in accordance with applicable copyright arrangements which may be in place for that work;*

*Where a faculty member has deposited a work with cIRcle, cIRcle shall be granted a non-exclusive licence to preserve and make publicly available the research contained therein; and*

*The authors of works deposited with cIRcle will maintain ownership of their rights in the works.*

Dr Arthur explained the background of the open access position statement. He noted that it came from a system-wide Scholarly Communications Committee in response to the open access movement to democratize and share knowledge with everyone on earth. This position statement encourages faculty to participate in open access.

Senator Marcolin noted that her field's top journal claimed the copyright on material.

Dr Arthur advised that this was only to encourage those who could do so to participate; obviously some faculty members could not given the leading journals in their fields.

Senator Balcaen asked if the Committee considered a policy similar to BCCampus in terms of allowing some limited sharing to smaller constituencies.

Dr Arthur replied that the committee wanted as wide sharing as possible but that this option could allow faculty members to share in a different way. cIRcle did not have that option.

Senator Cioe noted that the Tricouncil and US granting agencies were taking the line that research funded through public money should be public. He suggested that the journals will have to adapt.

Senator Johnson noted that the motion was to encourage refereed and non-refereed work but asked why it did not include open data.

The Provost opined that open data would be an excellent next step.

Senator Roberts noted that US funding agencies were already insisting on open access while many journals wanted to be paid \$3-5 000 to allow for it. She asked if this would pose a problem for faculty members in fields where this was not an option when their records are reviewed in the next 5 to 10 years. Senator Yannacopoulos noted his support for the proposal but thought it could mean a lot of work on a one-by-one basis to upload materials; he asked if he could provide a blanket authorization.

Senator Arthur replied that the cIRcle repository people could assist faculty members with uploading research but they couldn't do it for them.

Senator Phillion spoke in favour of the statement but asked if it was of value to duplicate database holdings, given that we pay a lot of money to access them.

Dean Grant advised that at least 2/3rds of the world does not have access to paid journals due to cost.

The Vice-Chair of Senate suggested that that grey literature (non refereed but scholarly) was important in many disciplines and that this was a way of making that research available to the world.

Senator Tannant noted that he posted non-peer reviewed, non-published papers that were downloaded over 1000 times a month in some cases; he described open access as a powerful tool to disseminated knowledge.

Approved

**Nominating Committee**

The Committee Chair, Mr Curtis Tse, presented.

**PRESIDENTIAL SEARCH COMMITTEE**

*See Appendix C: Presidential Search Committee Terms of Reference and Composition*

*Curtis Tse* } *That Senate approve the procedures for the*  
*Jan Cioe* } *recommendation and selection of candidates for*  
*President of The University of British Columbia*  
*as attached with the understanding that “faculty*  
*member” as used therein shall continue to be*  
*defined as set out in the University Act.*

Senator Tse presented the terms of reference and composition for the Presidential Search Committee as proposed by the Board of Governors and recommended by the two Senate Nominating Committees. He noted that the “faculty member” clarification was due to there being several definitions for the term at UBC in use and a desire to not confuse matters due to the inclusion of new language around the Faculty Association bargaining unit.

Senator Yannacopoulos spoke against the exclusion of academic administrators from the “faculty member” elections, noting that academic administrators retained their faculty member status.

The Associate Registrar advised that he believed the intent of the language was to restrict this group to the “rank-and-file” faculty but that he could not speak to the motivations of the Board in proposing that change.

Opposed: Spiro Yannacopoulos

Approved

**Report from the Registrar**

**CHANGE TO THE 2013/2014 ACADEMIC YEAR**

The Deputy Registrar informed Senate that due to examination scheduling needs, his office is proposing an adjustment to the 2013/2014 academic year.

*Peter Arthur* } *That Senate approve the modifications specified*  
*Curtis Tese* } *to the 2013/2014 Academic Year.*

Approved

**Other Business**

There being no further business, the meeting was adjourned at 4:07 pm.

## **Appendix A: Admissions Summary**

### *Readmission*

Revision the Academic Calendar entry to clarify that while there are three levels of standing as per the policies and regulations that govern Academic Standing for UBC Okanagan students, only two translate to effect a student's readmission application process: those being In Good Standing, and Failed. References to 'on academic probation' have been removed, and the language of the entry as a whole has been brought into congruency with the Academic Calendar entry on Academic Standing.

### *Change of Degree Program*

Revise the Academic Calendar entry to clarify that while there are three levels of standing as per the policies and regulations that govern Academic Standing for UBC Okanagan students, only two translate to effect a student's wish to change to a different degree program at the same campus: those being In Good Standing, and Failed. References to 'on academic probation' have been removed, and the language of the entry as a whole has been brought into congruency with the Academic Calendar entry on Academic Standing.

### *Change of Campus*

Revision the Academic Calendar entry to clarify that while there are three levels of standing as per the policies and regulations that govern Academic Standing for UBC Okanagan students, only two translate to effect a student's wish to change from the Okanagan campus to the Vancouver campus, or vice versa (with the exception of the Bachelor of Applied Science): those being In Good Standing, and Failed. References to 'on academic probation' have been removed, and the language of the entry as a whole has been brought into congruency with the Academic Calendar entry on Academic Standing.

### *Academic Leave*

Revision the Academic Calendar entry to include those students wishing to apply for academic leave due to mandatory military service. The revisions also clarify the process for readmission for students no longer eligible under the Academic Leave policy. Lastly, the entry as a whole has been brought into congruency with the Academic Calendar entry on Academic Standing.

## **Appendix B: Awards Summary**

At its February 2013 meeting, Senate approved the award terms below as ‘prizes’ which, according to the terms of reference for Student Financial Assistance and Awards, must be awarded at the end of the academic year (to recognize academics and/or achievement of the academic year that just ended). In order to effect the Faculty’s wish that these awards function as retention awards, the Faculty has reconsidered the suite of awards below as ‘scholarships’ or awards given at the start of the next academic year (once re-enrolment has been confirmed).

### **Faculty of Creative and Critical Studies Interdisciplinary Performance Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Interdisciplinary Performance. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies Art History and Visual Culture Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Art History and Visual Culture. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies Creative Writing Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Creative Writing. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies Cultural Studies Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Cultural Studies. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies English Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in English or pursuing an English Honours degree. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies French and Spanish Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in French and Spanish. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

### **Faculty of Creative and Critical Studies French Scholarship**



A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in French. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

**Faculty of Creative and Critical Studies Spanish Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Spanish. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

**Faculty of Creative and Critical Studies Visual Arts Scholarship**

A \$1,000 scholarship is offered by the Faculty of Creative and Critical Studies to an outstanding returning undergraduate student with second-year standing or higher who is majoring in Visual Arts. The award is made on the recommendation of the Faculty. (First award available for the 2013/14 Winter Session)

## **Appendix C: Presidential Search Committee Terms of Reference**

### UNIVERSITY OF BRITISH COLUMBIA

#### PRESIDENTIAL SEARCH

##### Search Committee Terms of Reference

The following will be the terms of reference of the Search Committee for the identification of presidential candidates.

- a. To set up its own procedures on the understanding that the search and the Search Committee's deliberations will be strictly confidential.
- b. To develop, following consultation with the University community, the criteria to be used by the Search Committee to evaluate candidates, and to present the Candidate Profile to the Board for approval.
- c. To coordinate the recruitment and evaluation of candidates, to receive nominations, to analyze the suitability of candidates, and to interview candidates. The executive search consultant selected by the MRCC will assist the Search Committee with the above.
- d. To report, in general terms, to each Board Meeting (during the search process) on the progress of the Search Committee's work.
- e. To develop a recommendation to the Board of Governors for the appointment of a new President of the University. Only if the Board does not accept such recommendation shall the Search Committee submit a second or further recommendation as may be required.
- f. To submit its recommendation to the Board in a timely fashion.

## UNIVERSITY OF BRITISH COLUMBIA PRESIDENTIAL SEARCH

### Management Resources & Compensation Committee Terms of Reference

The University of British Columbia's Board of Governors has the power to appoint the President under the *University Act*. The Board has empowered the Management Resources & Compensation Committee (MRCC) with the responsibility to recommend criteria to be used in its search, recommend Terms of Reference and an organizational structure for the Presidential Search Committee, and to oversee the processes of the Search Committee.

### Search Committee Composition

Noting that the average size of search committees at other universities is from 10-20 members, the Search Committee will have 22 members, including the Chair. The Committee shall be Chaired by the Chancellor, plus:

- a. 4 other Governors, consisting of the Chair of the Board of Governors and three other Governors selected by the MRCC after consultation with the Board of Governors, of whom at least two must be appointed Governors;
- b. 2 members elected by the UBC Vancouver Senate, and 1 member elected by the UBC Okanagan Senate;
- c. 2 faculty members elected by and from the faculty members in the bargaining unit having their primary appointments at UBC Vancouver, and 1 faculty member elected by and from the faculty members in the bargaining unit having their primary appointments at UBC Okanagan (with the Vancouver Division and the Okanagan Division of the Faculty of Applied Science being treated as a UBC Vancouver Faculty and a UBC Okanagan Faculty, respectively);
- d. 2 Deans selected by and from the Committee of Deans of UBC Vancouver and 1 Dean selected by and from the Deans' Council of UBC Okanagan (with the Dean of the Faculty of Applied Science being treated as a Dean from the Committee of Deans of UBC Vancouver rather than a Dean from the Dean's Council of UBC Okanagan);
- e. 3 students, 1 student chosen by the Alma Mater Society Student Council of UBC Vancouver, 1 student chosen by the Graduate Student Society Council, and 1 student chosen by the UBC Students Union Okanagan Council;
- f. 2 members appointed by the UBC Alumni Board of Directors;
- g. 1 member elected by and from UBC's management and professional staff;

- h. 1 member elected by and from the unionized staff at UBC Vancouver; and
- i. 1 member elected by and from the unionized staff at UBC Okanagan.

\*If a member of the Search Committee ceases to be a member of the constituency from which he or she was appointed, the MRCC shall determine whether he or she should continue on the Committee. If there is a vacancy on the Search Committee, it shall be filled by the MRCC from the constituency from which the vacancy arises.

The Secretary to the Board of Governors shall function as the Secretary to the Search Committee but will not be a member of the Committee.

#### Quorum

For all purposes for the appointment of a President, 60% of the Search Committee shall constitute a quorum for all meetings.

#### Time Line

Most Canadian university presidential searches take about 12 months to complete (from the commencement of the search to the announcement of the new President). The Search Committee will make its recommendation to the Board of Governors in timely fashion.

#### Orientation

All members of Search Committee will be provided with a thorough orientation session to establish expectations and responsibilities of the individuals on the Committee and of the Committee as a whole.

#### Criteria

The Search Committee shall review the criteria to be used in evaluating candidates and shall present its Candidate Profile for the consideration and approval of the Board. Upon approval of the Board, the Candidate Profile shall be shared with Senates.

#### Search

The search will be international in scope. The Search Committee will have overall responsibility for the recruitment and evaluation of candidates. The MRCC will select an executive search consultant to be retained by the University to assist the Search Committee.

#### Procedures

The Search Committee should develop its own procedures on the understanding that all proceedings and transactions shall be conducted in strict confidence. It will be important for the Board to be regularly informed on the progress that the Search Committee is making. The Chair of the Committee should, therefore, make a report to the Board at each Board meeting on the understanding that such reports will be made in general terms only, given the sensitivity and confidentiality of the Committee's work.

The Search Committee may establish sub-committees for any purposes it thinks appropriate.

## Recommendation

The Search Committee shall identify, after its deliberations, a candidate whom it recommends to the Board of Governors for appointment as President of the University. Only if the Board does not approve the Committee's recommendation, shall the Committee recommend a second or further candidate as may be necessary.

## Terms

In consultation with the executive search consultant, the MRCC will establish contract parameters and compensation for potential candidates. The Search Committee shall not have the responsibility of discussing contract provisions with candidates excepting only that the Chair of the Search Committee and the Board Chair shall review these parameters with all individuals on the short list prior to interviews. The final terms for a contract will be approved by the MRCC reporting fully to the Board.

## Confidentiality of Proceedings

It is a condition of membership of the Committee that its deliberations and all matters pertaining to its proceedings will be strictly confidential. Acceptance of memberships constitutes an undertaking to adhere strictly to this condition.

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

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Tel: (250) 807-9619 · Fax: (250) 807-8007  
[www.senate.ubc.ca](http://www.senate.ubc.ca)

**May 16, 2013**

**To: Okanagan Senate**

**From: Admissions and Awards Committee**

**Subject: New Awards (approval)**

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**Associated Engineering Scholarship in Engineering**

A \$1,500 scholarship is offered by Associated Engineering to a student entering third- or fourth-year in the School of Engineering at the University of British Columbia, Okanagan campus. Preference is given to students in the Civil or Mechanical Engineering programs who demonstrate student leadership and have an interest in pursuing a career in engineering consulting. The award is made on the recommendation of the School. (First award available for the 2013/14 Winter Session)

**Associated Engineering Scholarship in Sciences**

A \$1,500 scholarship is offered by Associated Engineering to a student entering third- or fourth-year in the Bachelor of Science Program in the Irving K. Barber School of Arts and Sciences at The University of British Columbia, Okanagan campus. Preference is given to students majoring in Biology or Earth and Environmental Sciences who have an interest in pursuing a career in the consulting field of their chosen discipline. Candidates must demonstrate student leadership, have an interest in field research, and/or have a focus on conservation and natural environment management. The award is made on the recommendation of the School. (First award available for the 2013/14 Winter Session)

**Doug and Deborah Owram Scholarship**

A \$1,000 scholarship has been endowed by Dr. Doug and Mrs. Deborah Owram, along with friends and colleagues, for a student entering fourth year who is pursuing a major in Economics, History, or Political Science in the Irving K. Barber School of Arts and Sciences at The University of British Columbia, Okanagan campus. The award is made on the recommendation of the School. (First award available for the 2013/14 Winter Session)

**Echoridge Education Foundation Award in Medical Biochemistry**

A \$500 award is offered by Echoridge Education Fund to a third-year student in the Bachelor of Science Program in the Irving K. Barber School of Arts and Sciences at The University of British Columbia, Okanagan campus who is majoring in Medical Biochemistry. The award is made on the recommendation of the School. (First award available for the 2013/14 Winter Session)

**Gail Ferguson Memorial Athletic Award**

A \$1,000 award is offered by Western Bus Lines in memory of Gail Ferguson to a second-year varsity athlete at The University of British Columbia, Okanagan campus. Adhering to athletic association regulations, the award is made on the recommendation of the Athletics & Recreation Department to an outstanding student who has demonstrated leadership skills and maintained good academic standing. (First award available for the 2013/14 Winter Session)

**MacKay LLP and CAEF Leadership Award in Accounting**

A \$2,500 award is offered by McKay LLP Kelowna and the Chartered Accountants Education Fund (CAEF) of British Columbia to a third-year student in the Bachelor of Management Program in the Faculty of Management at The University of British Columbia, Okanagan campus. In addition to demonstrating a high level of academic achievement, candidates must also exemplify leadership by engaging in campus life and serving as a role model for their peers. The award is made on the recommendation of the Faculty to a student pursuing a career in chartered accounting. (First award available for the 2012/13 Winter Session)

**Maury and Linda Williams Travel Award in History**

Travel awards totalling \$1,000 are offered by Maury and Linda Williams to History majors and History honours students in the History Program in the Irving K. Barber School of Arts and Sciences at The University of British Columbia, Okanagan campus, to offset travel costs associated with presenting papers at academic conferences. Awards are also offered to History graduate students who have a topic that is clearly related to the discipline of History. To be considered, candidates must have had a paper accepted at an academic conference and they must submit a one page report on the conference to their supervising professor within two weeks of returning to campus. Awards are made on the recommendation of the History Program. (First award available 2013/14 Winter Session)

The Admissions and Awards Committee is pleased to recommend the following:

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

For the Committee  
Dr. Spiro Yannacopoulos  
Chair, Admissions and Awards Committee

**THE UNIVERSITY OF BRITISH COLUMBIA****OKANAGAN SENATE SECRETARIAT  
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[www.senate.ubc.ca](http://www.senate.ubc.ca)

**May 16, 2013**

**To: Okanagan Senate**

**From: Admissions and Awards Committee**

**Subject: Annual Report – Appeals on Applications for Admission to Programs  
(information)**

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Pursuant to section 37(1) (b) of the *University Act*, the Okanagan Senate has delegated to the Admissions and Awards Committee the authority to hear final appeals on applications for admission and readmission to the University. In compliance with the *Rules and Procedures of the Okanagan Senate*, the Committee herein reports on its decisions.

Between May 1, 2012 and April 30, 2013, the Admissions and Awards Committee heard 13 student appeals for admission to a degree program (compared to 14 in 2011/12 and 17 in 2010/11). Appeals can be allowed (and the applicant admitted) or dismissed. Of the appeals heard by the Committee, 8 were allowed and 5 were dismissed.

In brief:

- 1 to the Bachelor of Applied Science, Okanagan Campus
- 6 to the Bachelor of Arts (5 allowed)
- 2 to the Bachelor of Fine Arts (2 allowed)
- 1 to the Bachelor of Human Kinetics
- 2 to the Bachelor of Management (1 allowed)
- 1 to the Bachelor of Social Work

For the Committee,  
Dr. Spiro Yannacopoulos  
Chair, Admissions and Awards Committee



THE UNIVERSITY OF BRITISH COLUMBIA



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**May 16, 2013**

**To: Okanagan Senate**

**From: Admissions and Awards Committee, and Curriculum Committee**

**Subject: Pre-Pharmacy Program Discontinuation (approval)**

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The Committees have reviewed the enclosed material and recommend the following to Senate:

*Motion: That Senate approve the discontinuation of the Pre-Pharmacy Program effective for the 2014 Winter Session.*

For the Committee,

Dr. Spiro Yannacopoulos  
Chair, Admissions and Awards Committee

Dr. Dwayne Tannant  
Chair, Curriculum Committee



## Admissions Proposal Form – Okanagan Campus

<b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> N/A <b>Faculty/School Approval Date:</b> April 10, 2013 <b>Effective Session:</b> 2014W	<b>Date:</b> March 2013 <b>Contact Person:</b> Dr. Patricia Lasserre, Associate Dean, Students <b>Phone:</b> 250.807.9338 <b>Email:</b> <a href="mailto:patricia.lasserre@ubc.ca">patricia.lasserre@ubc.ca</a>
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**Draft Academic Calendar URL:**

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=2,22,68,0>

**Present Academic Calendar Entry:**

[Homepage \(draft\) Admissions Applicants Following the BC/Yukon High School Curriculum](#) Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum

### Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum

[334] This table shows the required courses used in the calculation of the admission average for specific programs, as well as courses that are required but are not used in the calculation of the average.

Program	Degree	Faculty/School	Average Calculated on the Following Required Courses or IB/AP Equivalent	Courses Required but Not Included in the Calculation of the Average
<a href="#">Arts</a>	B.A.	<a href="#">Arts and Sciences</a>	English 12 or English 12 First Peoples; Three other approved Grade 12 courses	
<a href="#">Engineering</a>	B.A.Sc.	<a href="#">Applied Science/Engineering</a>	English 12 or English 12 First Peoples; Chemistry 12; Principles of Mathematics 12 or Pre-Calculus 12; Physics 12	
<a href="#">Fine Arts</a>	B.F.A.	<a href="#">Creative and Critical Studies</a>	English 12 or English 12 First Peoples; Three other approved	



<a href="#">Human Kinetics</a>	B.H.K.	<a href="#">Health and Social Development/Health and Exercise Sciences</a>	Grade 12 courses; Portfolio English 12 or English 12 First Peoples; One of: Principles of Mathematics 12, Pre-Calculus 12, Biology 12, Chemistry 12, Geology 12, or Physics 12; Two other approved Grade 12 courses	One of: Principles of Mathematics 11 or Pre-Calculus 11; One of: Biology 11, Chemistry 11, or Physics 11
<a href="#">Management</a>	B.Mgt.	<a href="#">Management</a>	English 12 or English 12 First Peoples; Principles of Mathematics 12 or Pre-Calculus 12; Two other approved Grade 12 courses	Principles of Mathematics 11 or Pre-Calculus 11
<a href="#">Nursing</a>	B.S.N.	<a href="#">Health and Social Development/Nursing</a>	English 12 or English 12 First Peoples; Biology 12; Two other approved Grade 12 courses	Chemistry 11; One of Principles of Mathematics 11, Pre-Calculus 11, or Foundations of Mathematics 12
<a href="#">Pre-Pharmacy</a>	N/A	<a href="#">Arts and Sciences</a>	<b>English 12 or English 12 First Peoples; Principles of Mathematics 12 (min. 67%) or Pre-Calculus 12 (min. 67%); Two other approved Grade 12 courses including at least one of: Biology 12, Chemistry 12, Geology 12, or Physics 12</b>	<b>Chemistry 11; Physics 11; Biology 11</b>
<a href="#">Science</a>	B.Sc.	<a href="#">Arts and Sciences</a>	English 12 or English 12 First Peoples; Principles of Mathematics 12 (min. 67%) or Pre-Calculus 12 (min. 67%); Two other approved	Chemistry 11



Grade 12 courses  
including at least one of:  
Biology 12, Chemistry  
12, Geology 12,  
Geography 12, or  
Physics 12

**Proposed Academic Calendar Entry:**

[Homepage \(draft\) Admissions Applicants Following the BC/Yukon High School Curriculum](#) Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum

**Specific Program Requirements for Applicants Following the BC/Yukon Secondary School Curriculum**

**[334]** This table shows the required courses used in the calculation of the admission average for specific programs, as well as courses that are required but are not used in the calculation of the average.

<b>Program</b>	<b>Degree</b>	<b>Faculty/School</b>	<b>Average Calculated on the Following Required Courses or IB/AP Equivalents</b>	<b>Courses Required but Not Included in the Calculation of the Average</b>
<a href="#">Arts</a>	B.A.	<a href="#">Arts and Sciences</a>	English 12 or English 12 First Peoples; Three other approved Grade 12 courses	
<a href="#">Engineering</a>	B.A.Sc.	<a href="#">Applied Science/Engineering</a>	English 12 or English 12 First Peoples; Chemistry 12; Principles of Mathematics 12 or Pre-Calculus 12; Physics 12	
<a href="#">Fine Arts</a>	B.F.A.	<a href="#">Creative and Critical Studies</a>	English 12 or English 12 First Peoples; Three other approved Grade 12 courses; Portfolio	
<a href="#">Human Kinetics</a>	B.H.K.	<a href="#">Health and Social Development/He</a>	English 12 or English 12 First Peoples; One of: Principles of	One of: Principles of Mathematics 11 or Pre-Calculus 11;



		<p><a href="#">Health and Exercise Sciences</a></p>	<p>Mathematics 12, Pre-Calculus 12, Biology 12, Chemistry 12, Geology 12, or Physics 12;                  Two other approved Grade 12 courses</p>	<p>One of: Biology 11, Chemistry 11, or Physics 11</p>
<p><a href="#">Management</a></p>	<p>B.Mgt.</p>	<p><a href="#">Management</a></p>	<p>English 12 or English 12 First Peoples; Principles of Mathematics 12 or Pre-Calculus 12;                  Two other approved Grade 12 courses</p>	<p>Principles of Mathematics 11 or Pre-Calculus 11</p>
<p><a href="#">Nursing</a></p>	<p>B.S.N.</p>	<p><a href="#">Health and Social Development/Nursing</a></p>	<p>English 12 or English 12 First Peoples; Biology 12;                  Two other approved Grade 12 courses</p>	<p>Chemistry 11; One of Principles of Mathematics 11, Pre-Calculus 11, or Foundations of Mathematics 12</p>
<p><a href="#">Science</a></p>	<p>B.Sc.</p>	<p><a href="#">Arts and Sciences</a></p>	<p>English 12 or English 12 First Peoples; Principles of Mathematics 12 (min. 67%) or Pre-Calculus 12 (min. 67%);                  Two other approved Grade 12 courses including at least one of: Biology 12, Chemistry 12, Geology 12, Geography 12, or Physics 12</p>	<p>Chemistry 11</p>
			<p><b>Type of Action:</b> In conjunction with the proposal to discontinue Pre-Pharmacy, strike all reference to admission to the program.</p> <p><b>Rationale:</b> Currently the Pre-Pharmacy students are not part of the BSc. program. Due to this, there are two major complications:</p> <ul style="list-style-type: none"> <li>• First, students tend to believe that</li> </ul>	



because they registered as Pre-Pharmacy students, they have preferential treatment for entrance to the Pharmacy program in Vancouver. That is simply not true. Students that are registered in the BSc here, and decide to take the same courses as the Pre-Pharmacy students, can apply to the Pharmacy program in Vancouver as well. Both Pre-Pharmacy and BSc students are treated the same for admission purposes. While the Pre-Pharmacy Program is attractive for recruitment strategies, it is misleading to the students who register in the Program.

- Second, Pre-Pharmacy students are not registered as BSc. students. This has several implications, including that Pre-Pharmacy students are not following the academic policies that BSc students adhere to. This is not an issue if a student is admitted to the Pharmacy program in Vancouver at the end of the year. However, it is more complicated if a student remains at UBC O. Currently, at the end of their first year, a Pre-Pharmacy student in good standing is transferred to the BSc program. A student who has not been successful is no longer considered part of any program. The student has no policy to refer to and cannot appeal the decision of the Associate Dean not to accept them to the BSc program. While the Dean's discretion has been carefully applied in the past, it is not a reasonable way to continue.

Moreover, the Pharmacy program in Vancouver is under review and the prerequisites may change in the near future.

Therefore, it makes sense to integrate the



**a place of mind**  
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	<p>Pre-Pharmacy students into the BSc program to avoid future problems. The 50 seats previously reserved for Pre-Pharmacy students will be added to the number of seats available for the BSc. program.</p>
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## Curriculum Proposal Form Change to Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> N/A  <b>Faculty/School Approval Date:</b> April 10, 2013  <b>Effective Session:</b> 2014W ('Pre-Pharmacy Studies' entry to be removed in its entirety from the Academic Calendar in 2015W)</p>	<p><b>Date:</b> March 2013  <b>Contact Person:</b> Dr. Patricia Lasserre, Associate Dean, Students  <b>Phone:</b> 250.807.9338  <b>Email:</b> <a href="mailto:patricia.lasserre@ubc.ca">patricia.lasserre@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges</a> Faculty of Arts and Sciences</p> <p><b>Faculty of Arts and Sciences</b></p> <p><b>Contents</b></p> <p><a href="#">Introduction</a> →  <a href="#">Bachelor of Arts Programs</a> →  <a href="#">Bachelor of Science Programs</a> →  <a href="#">Pre-Pharmacy Studies</a>  <b>(discontinued 2014)</b> →  <a href="#">Academic Staff</a> →</p>	<p><b>Draft Academic Calendar URL:</b>  <a href="http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=18,282,0,0">http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=18,282,0,0</a></p> <p><b>Present Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges</a> Faculty of Arts and Sciences</p> <p><b>Faculty of Arts and Sciences</b></p> <p><b>Contents</b></p> <p><a href="#">Introduction</a> →  <a href="#">Bachelor of Arts Programs</a> →  <a href="#">Bachelor of Science Programs</a> →  <a href="#">Pre-Pharmacy Studies</a> →  <a href="#">Academic Staff</a> →</p>





**Proposed Academic Calendar Entry:**

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,959,0>

[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Pre-Pharmacy Studies](#) **(discontinued 2014)**

**Pre-Pharmacy Studies  
(discontinued 2014)**

**[15034] Pre-Pharmacy Studies  
(discontinued 2014)**

**The Pre-Pharmacy program was offered at the Okanagan campus from 2005 through to 2013. The Pre-Pharmacy program was discontinued as of 2014.**

**The Faculty of Pharmaceutical Sciences at the UBC Vancouver campus offers the only program leading to a Bachelor of Science in Pharmacy in British Columbia. For information on this competitive, limited-enrolment program see Faculty of Pharmaceutical Sciences [link to <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,213,0,0>].**

**As part of the B.Sc. program, the Okanagan campus continues to offer the required prerequisites for admission to the Bachelor of Science in Pharmacy. Contact Academic Advising [link to <http://www.ubc.ca/okanagan/students/advising/contact.html>] for more information.**

**Draft Academic Calendar URL:**

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,0,0>

**Present Academic Calendar Entry:**

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,959,0>

[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Pre-Pharmacy Studies](#)

**Pre-Pharmacy Studies**

**[15034] Pre-Pharmacy Studies**



**[12983] The Faculty of Pharmaceutical Sciences at the UBC Vancouver campus is the only faculty of pharmacy in British Columbia and is one of the largest programs in Canada.**

**[12984] The B.Sc. in Pharmacy curriculum incorporates problem-based learning and many courses emphasize small group work, group projects, presentations, workshops, and the use of web technology. For more detailed information about the B.Sc. in Pharmacy at the UBC Vancouver campus, see the UBC Vancouver Academic Calendar, [Faculty of Pharmaceutical Sciences](#) section.**

**[12985] Entry to the B.Sc. in Pharmacy at the Vancouver campus follows completion of 30 credits (one year) of an approved bachelor's degree program.**

**[12986] Pre-Pharmacy Studies at the Okanagan campus provides an introduction to this discipline and allows students to earn the specific credits required for application to the Faculty of Pharmaceutical Sciences at the Vancouver campus.**

#### **[12987] First-Year Courses**

**[12988] Courses in Pre-Pharmacy emphasize basic science and provide a solid foundation for the Bachelor of Science in Pharmacy.**

<b>Pre-Pharmacy Courses</b>	<b>Credits</b>
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<b>BIOL 112, 116,</b>	<b>9</b>
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	<p><b>125</b></p> <p><b>CHEM 121, 123<sup>1</sup>; 6</b>  <b>or CHEM 111,</b>  <b>113<sup>2</sup></b></p> <p><b>Two of ENGL 112 6</b>  <b>or 114, 113, 150,</b>  <b>151, 153</b></p> <p><b>MATH 100, 101 6</b></p> <p><b>PHYS 112, 122<sup>3</sup>; 3/6</b>  <b>or 111<sup>4</sup></b></p> <p><b>Total 30/33</b></p> <p><sup>1</sup> For students with  <b>Chemistry 12.</b></p> <p><sup>2</sup> For students  without Chemistry  <b>12.</b></p> <p><sup>3</sup> For students  without Physics  <b>12.</b></p> <p><sup>4</sup> For students with  Physics 12.</p> <p><b>[12991] Application to the  Bachelor of Science in Pharmacy</b></p> <p><b>[12992] Students who successfully  complete Pre-Pharmacy Studies are  invited to apply to the UBC Faculty of  Pharmaceutical Sciences. Students  should note that they will need to meet  competitive admission requirements  and that admission to the Bachelor of  Science in Pharmacy after successful  completion of Pre-Pharmacy Studies is  not guaranteed. For information on  how to apply, please see the <a href="#">Faculty of  Pharmaceutical Sciences</a>.</b></p> <p>As a result of this proposal, the following  entries of the Academic Calendar will  require revision as a result:</p>
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	<p><a href="http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=14,339,1031,0">http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?tree=14,339,1031,0</a></p> <p>Action: Strike all reference to undergraduate fees for the Pre-Pharmacy Program</p> <p><a href="http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?go=programs">http://www.calendar.ubc.ca/okanagan/pr_oof/edit/index.cfm?go=programs</a></p> <p>Action: Strike reference to Pre-Pharmacy in the list of Academic Programs available at the Okanagan campus.</p> <p>Note: there is no reference to the pre-Pharmacy program in the Vancouver Academic Calendar.</p> <p><b>Type of Action:</b> Discontinue program.</p> <p><b>Rationale:</b>  Currently the Pre-Pharmacy students are not part of the B.Sc. program. Due to this, there are two major complications:</p> <ul style="list-style-type: none"> <li>• First, students tend to believe that because they registered as Pre-Pharmacy students, they have preferential treatment for entrance to the Pharmacy program in Vancouver. That is simply not true. Students that are registered in the BSc here, and decide to take the same courses as the Pre-Pharmacy students, can apply to the Pharmacy program in Vancouver as well. Both Pre-Pharmacy and B.Sc. students are treated the same for admission purposes. While the Pre-Pharmacy Program is attractive for recruitment strategies, it is a disservice to the students who register in the program.</li> </ul>
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- Second, Pre-Pharmacy students are not registered as B.Sc. students. This has several implications, including that Pre-Pharmacy students are not following the academic policies that B.Sc. students adhere to. This is not an issue if a student is admitted to the Pharmacy program in Vancouver at the end of the year. However, it is more complicated if a student remains at UBCO. Currently, at the end of their first year, a Pre-Pharmacy student in good standing is transferred to the B.Sc. program. The student has no policy to refer to and cannot appeal the decision of the Associate Dean not to accept them to the B.Sc. program. While the Dean's discretion has been carefully applied in the past, it is not a reasonable way to continue.

Moreover, the Pharmacy program in Vancouver is under review and the prerequisites may change in the near future.

Therefore, it makes sense to integrate the Pre-Pharmacy students in the B.Sc. program, to avoid future problems. The 50 seats previously reserved for Pre-Pharmacy students will be added to the number of seats available for the BSc. program.

**THE UNIVERSITY OF BRITISH COLUMBIA**

Appeals of Standing and Discipline Committee  
c/o  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1  
Tel : (604) 822-8141 | Fax : (604) 822-5945

1 May 2013

To: Okanagan Senate

From: Appeals of Standing and Discipline Committee

Re: Annual Report 2012-2013 (information)

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**Committee Terms of Reference:**

Delegated Authority over the following by Senate:

- A. Appeals of decisions of the President on student discipline;
- B. Appeals of final decisions of Faculties on academic standing; and
- C. Appeals of final decisions of Faculties on promotion/advancement.

The Okanagan Senate Appeals of Standing and Discipline Committee is a standing committee of the Okanagan Senate established under section 37(1)(v) of the *University Act* R.S.B.C. 1996, c.468 (the “*Act*”) as the “standing committee of final appeal for students in matters of academic discipline.” The Committee also serves as the mechanism for student appeals of faculty decisions under section 40(g) of the *Act*.

As per Part 5, Section 37(a) of the *Rules and Procedures of the Okanagan Senate*, and following general legislative practice for a standing committee exercising delegated authority of a larger assembly, the Committee is required to make an annual report to Senate including the number of appeals heard, their disposition, and the general nature of the appeals.

The following provides a brief outline of disciplinary and academic standing appeals, along with a summary of appeals considered by the Committee.

**A. Student Discipline**

Under section 61(1) of the *Act*, the “president has power to suspend a student and to deal summarily with any matter of student discipline.” Under section 61(2) of the *Act*, the President “must promptly report the action to the standing committee established under section 37(1)(v) with a statement of his or her reasons.” Under section 61(3) of the *Act*, the “action of the president is final and subject in all cases to an appeal to the Senate.”

Student discipline is governed by the Policies and Regulations section of the UBC Okanagan Academic Calendar (see UBC Okanagan Academic Calendar Policies and Regulations, Student Discipline

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,54,0,0>).

The Committee shall allow an appeal where it is decided that one of more of the following has occurred:

1. The President incorrectly determined that the conduct of the student, either admitted or as found by the President, constitutes misconduct or the President incorrectly applied a University policy or procedure.
2. The student has material evidence that was not reasonably available at the time of the President's Committee hearing.
3. There was a breach or unfair application of the University's procedures prior to the President's Committee hearing that was raised before the President's Committee but not adequately remedied through the President's Committee.
4. The procedure of the President's Committee was unfair or operated unfairly, in that there was bias or a lack of independence in the President's Committee, or the President's Committee's procedures were unfairly applied or breached, or that the President gave insufficient reasons for his or her decision.
5. The President erred in the President's assessment of the evidence in the President's Committee's report, including any factual inferences made by the President, or the credibility of the student or other witnesses,
6. The discipline imposed by the President was excessive.

**Note:** Each ground of appeal has a distinct and associated remedy and appeals can only be allowed against the corresponding remedy e.g.: if the Committee finds that the President incorrectly determined the conduct of the student, the appropriate standard of review is correctness. The Committee may reverse or vary the President's decision or substitute its own decision if it disagrees with the President's determination or application of a University policy or procedure.

## 1. Academic Misconduct

During the period from 1 May 2012 to 30 April 2013, the Senate Committee heard two (2) appeals involving students disciplined by the President upon the recommendation of the President's Advisory Committee on Student Discipline, as follows:

- The student was disciplined for submitting the same answers as another student in two courses. The discipline imposed by the President was a mark of zero for an assignment in one course, a mark of zero for the second course, a notation of academic misconduct entered on the student's transcript and completion of a proficiency requirement prior to resuming a normal course load. The student appealed on the ground that the discipline imposed was excessive. The Committee allowed the appeal on the basis that procedures prior to the President's Committee hearing were not applied consistently.

### **Appeal allowed**

- The student was disciplined for submitting the same answers as another student in two courses. The discipline imposed by the President was a mark of zero for an assignment in one course, a mark of zero for the second course, a notation of academic misconduct entered on the student's transcript and completion of a proficiency requirement prior to resuming a normal course load. The student appealed on the ground that the discipline imposed was excessive. The Committee allowed the appeal on the basis that

procedures prior to the President's Committee hearing were not applied consistently.

### **Appeal allowed**

## **2. Non-academic Misconduct**

Since May 2011, the Committee has heard zero (0) appeals against findings of non-academic misconduct.

### **B. Academic Standing**

The Okanagan Senate has delegated to the Appeals of Standing and Discipline Committee the authority to hear and dispose of student appeals from decisions of faculties in matters of academic standing. The Committee shall allow an appeal where it is decided that the decision of the Faculty was arrived at through improper or unfair procedures, and that as a result, a wrong decision may have been arrived at. However, the Committee has no jurisdiction where the sole question raised in an appeal turns on the exercise of academic judgment by a faculty member. The Okanagan Senate has conferred on the Committee the power to make final decisions pursuant to section 37(1)(b) of the *Act* (see UBC Okanagan Academic Calendar, Policies and Regulations, Senate Appeals on Academic Standing, section 2:

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,53,106,0>).

Students may also appeal to the Committee for contravention of procedure with respect to a Review of Assigned Standing in a Course (see UBC Okanagan Academic Calendar, Policies and Regulations, Review of Assigned Standing in a Course:

<http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,294,0,0>).

An appeal allowed by the Committee shall be by:

- reversal of the decision of the Faculty, and the granting of such academic standing to the appellant as the Committee thinks fit in the circumstances; or
- quashing of the decision of the Faculty, and the sending of the matter back to the Faculty to be dealt with in accordance with proper procedures.

Since May 2012, the Committee has heard two (2) appeals on academic standing, both of which were dismissed:

- The student appeal the Registrar's decision to refuse to extend the time limit related to initiating an appeal as per section 3.9 of the Committee's regulations. A majority of the Committee found that the student had been notified of the right to appeal to the Senate Committee in the Faculty's final written decision on academic standing and found no reasonable grounds on which to overturn the Registrar's decision.

### **Appeal dismissed**

- The student appealed a decision of the Faculty regarding academic standing in a course following the Faculty's review of the course grade via the Review of Assigned Standing process. The Committee found that the Faculty's review had



been performed fairly and impartially, with due consideration of information that ought properly to have been considered and no consideration of information that ought not to have been considered. The Committee found no basis upon which to allow the appeal.

### **Appeal dismissed**

#### **General comments and observations:**

1. The Committee draws to the attention of Faculties and Departments the importance of following due process in all matters relating to student assessment, promotion and appeals. In particular, the Committee notes the importance of Faculties and Departments notifying students, in writing, of final decisions related to matters of academic standing and the right to appeal such decisions to the Senate Committee. Once a final decision has been reached, the Faculty should consistently direct the student to appeal process.
2. The Committee is in the process of amending its procedures to be followed prior to the hearing and at the hearing. For procedures prior to the hearing, the Committee is considering shortening the time for an appellant to submit the initial statement of appeal by five days (from 15 days to 10 days) and allowing the appellant five days **after** the Faculty response has been filed and forwarded to them to file a rebuttal. There is currently no provision for a written rebuttal and the Committee is of the opinion that the opportunity for the appellant to file a rebuttal will minimize the Chair and Committee having to consider additional new material on the day of the hearing.

The Committee's procedures at the hearing currently do not specify that it has the opportunity to question parties and witnesses during the hearing, despite the Committee's standard practice of doing so and its general mandate to seek full information at the hearing as required. Revised procedures at the hearing will alert parties to the fact that the Committee has specific opportunity to question them during the hearing and will indicate when the parties may expect this to happen. Currently, the Chair continues to so advise participants at each hearing as part of the opening remarks.

The revisions under consideration will maximize fairness to the parties and ensure the efficient work of the Committee while preventing undue delay in the appeal process.

To ensure fairness and consistency in the appeal process for all students of the University, the Vancouver Senate Committee on Appeals on Academic Standing is currently considering similar revisions to its processes. It is expected that the changes will be presented to both Senates for approval in the fall.

For the Committee,  
Ms. Laura Patterson  
Chair, Appeals of Standing and Discipline Committee

**Committee Members**

Ms. Laura Patterson, Chair

Dr. Fes deScally

Dr. Sandy Hilton

Dr. Carole Robinson

Dr. Philip Balcean

Dr. Ernest Alan Broome

Mr. Curtis Tse (student)

Mr. Jesse Baxter (student)

Mr. Matt Redekopp (student)

## THE UNIVERSITY OF BRITISH COLUMBIA

OKANAGAN SENATE SECRETARIAT  
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May 16, 2013

**To:** Okanagan Senate  
**From:** Curriculum Committee  
**Subject:** May Curriculum Proposals (approval)

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The Curriculum Committee has reviewed the material forwarded to it by the Faculties 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 the revised program brought forward from the Faculty of Applied Science; the new and revised courses and programs brought forward from the Faculty of Arts and Sciences; and the new courses, the new course code and associated cross-listed courses, and the revised degree requirement brought forward from the Faculty of Creative and Critical Studies as set out in the attached proposals.*

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



# THE UNIVERSITY OF BRITISH COLUMBIA



**OKANAGAN SENATE SECRETARIAT**  
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**May 16, 2013**

**To: Okanagan Senate**  
**From: Curriculum Committee**  
**Subject: May Curriculum Proposals (approval)**

---

Enclosed please find the following for your consideration:

**From the Faculty of Applied Science**

1. The following new and revised courses:
  - a. APSC 169 (3) Fundamentals of Sustainable Engineering Design
  - b. APSC 171 (3) Engineering Drawing and CAD/CAM
  - c. APSC 172 (3) Engineering Analysis I; APSC 173 (3) Engineering Analysis II
  - d. APSC 178 (4) Electricity, Magnetism, and Waves
  - e. APSC 179 (2) Linear Algebra for Engineers
  - f. APSC 182 (3) Matter and Energy I; APSC 183 (3) Matter and Energy II
  
2. The following revised program:
  - a. Bachelor of Applied Science Program, Program Overview



### **From the Faculty of Arts and Sciences**

3. The following new and revised courses:
  - a. BIOL 414 (3) Ecological Methods; BIOL 514 (3) Ecological Methods
  - b. BIOL 444 (3) Dynamic Modelling of Human-Environment Systems/  
EESC 444 (3) Dynamic Modelling of Human-Environment Systems;  
BIOL 544 (3) Dynamic Modelling of Human-Environment Systems/  
ENVI 544 (3) Dynamic Modelling of Human-Environment Systems
  - c. COSC 101 (3) Digital Citizenship
  - d. COSC 331 (3) Principles of Computer Science
  - e. EESC 425 (3) Tectonics and Orogenesis
  - f. GEOG 427 (3) NeoGeography
  - g. HIST 310 (3/6) d Topics in the History of Medicine and Disease
  - h. HIST 336 (3) Eastern Europe During the Cold War
  - i. HIST 461 (3/6) d Topics in Urban History
  - j. HIST 381 (3/6) d Special Topics in Economic History; HIST 382 (3/6) d  
Special Topics in Political History; HIST 383 (3/6) d Special Topics in  
Social and Cultural History
  - k. HIST 430 (3/6) d Topics in the History of Migration
  - l. MATH 303 (3) Numerical Analysis
  - m. MATH 429 (3) Analysis III
  
4. The following new programs:
  - a. Minor in Mathematics
  - b. Major in Gender and Women's Studies
  
5. The following revised programs:
  - a. Biology Honours Program; Ecology and Evolutionary Biology Honours  
Program; Microbiology Honours Program; Zoology Honours Program
  - b. Minor in History
  - c. Minor in Mathematics and Statistics



### **From the Faculty of Creative and Critical Studies**

6. The following new courses:
  - a. ARTH 323 (3) Creative Activism: Art, Media, and Social Justice/ CULT 320 (3) Creative Activism: Art, Media, and Social Justice
  - b. CRWR 150 (3) Introduction to Writing Poetry and Non-fiction; CRWR 160 (3) Introduction to Writing Fiction and Drama
  - c. CRWR 470 (3/6) d Portfolio
  - d. CRWR 471 (6) Writing of the Novel
  - e. CRWR 472 (3) Editing and Publishing
  - f. CRWR 473 (3) Writing and Community Learning
  - g. CRWR 474 (3) Writing with Media
  - h. CRWR 580 (3/6) d Graduate Workshop in Creative Writing
  - i. ENGL 201 (6) Children's Literature and Publishing
  - j. ENGL 370 (3) Interdisciplinary Theory and Literature Studies: Feminism, Gender, Sexuality
  - k. SPAN 416 (3) Spanish Literature in Translation I; SPAN 417 (3) Spanish Literature in Translation II; SPAN 450 (3) Hispanic Drama; SPAN 455 (3) Hispanic Novel
  - l. VISA 251 (3) Printmaking: Etching and Intaglio Processes I; VISA 252 (3) Printmaking: Etching and Intaglio Processes II; VISA 258 (3) Printmaking: Linocut and Relief Processes I; VISA 259 (3) Printmaking: Linocut and Relief Processes II
  
7. The following new course code and associated new cross-listed courses:
  - a. DIHU: Digital Humanities (Faculty of Creative and Critical Studies)
  - b. DIHU 200 (3) Introduction to the Digital Humanities/ ENGL 200 (3) Introduction to the Digital Humanities
  - c. DIHU 301 (3) The Self-Conscious Text/ENGL 305 (3) The Self-Conscious Text
  - d. DIHU 302 (3) The Programmed World/ ENGL 306 (3) The Programmed World
  
8. The following revised degree requirement:
  - a. Bachelor of Arts – Degree Requirement, Language Other than English



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

Category: 1 and 2

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W (2013S for APSC 170, APSC 257)</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>APSC 169 (3) Fundamentals of Sustainable Engineering Design</u></b> <b><u>Theory and practice of sustainable engineering.</u></b> <b><u>Awareness and risk analysis of potential impacts on society and the environment over the lifecycle of engineering projects.</u></b> <b><u>Engineering design process, project lifecycle, and professional responsibility. Team-based design project. Credit will not be granted for both APSC 169 and APSC 170. Beginning with the 2013 Winter Session, credit will not be granted for both APSC 169 and APSC 257. [3-2*-2*]</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b></p> <p><del><b>APSC 170 (6) Engineering Fundamentals</b></del> <del><b>Modelling, teamwork, professional responsibility, project evaluation, graphics, and design. Introduction to engineering through cases. Team project. [4-0-4]</b></del></p>



**~~APSC 257 (3) Technology, Environment, and Society~~**

**~~Natural systems (ecosystem function, biodiversity, global processes), human systems (needs, values, governance, economics, ergonomics, aesthetics), system relations (including ecological footprint), and engineering assessment approaches (decision theory, lifecycle assessment). [3-0-0]~~**

**~~Prerequisite: Second-year standing in the B.A.Sc. program.~~**

**Types of Actions:** New course: APSC 169; (course discontinuations: APSC 170, APSC 257).

**Rationale:** These changes are part of an overall reorganization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted leading to a reorganization of the two former 6-credit courses, redistribution of course materials related to mathematics, and introduction of three new standalone courses on engineering drawing, sustainable engineering design and linear algebra for engineers

The original first-year course (APSC 170 (6) Engineering Fundamentals [4-0-4]) has been split into three new courses. The content of the new APSC 169 course combines the sustainability aspects of APSC 257 Technology, Environment, and Society with the engineering design project of the former APSC 170 to provide an





earlier and more direct link between the concept of sustainability and assessment of engineering design impacts on society and the environment. It also provides an opportunity for the students to participate in a design project work in their first year in engineering.

*See: Map of Changes in the first-year Curriculum*



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>APSC 171 (3) Engineering Drawing and CAD/CAM</u></b> <b><u>Orthographic projections, axonometric and perspective projections, dimensioning and tolerances, computer-aided design and modeling, introduction to rapid prototyping, team-based design project. Credit will not be granted for both APSC 171 and APSC 170. [3-0-2]</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b></p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> These changes are part of an overall reorganization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted leading to a reorganization of the two former 6 credit courses, redistribution of course materials related to mathematics and introduction of three new standalone</p>



courses on engineering drawing, sustainable engineering design and linear algebra for engineers.

Following the CEAB recommendation, the original first-year course (APSC 170 (6) Engineering Fundamentals, [4-0-4]), which contained a number of different engineering topics ranging from engineering drawing and design to linear algebra, is split into three new courses resulting in new standalone courses on engineering drawing, linear algebra, and fundamentals of sustainable engineering design. The new courses have much more coherent syllabi.

By taking this new course on engineering drawing, the students will have the opportunity to learn the fundamentals of engineering drawing, standards and conventions, principle of CAD and CAM, SolidWorks and rapid prototyping. This knowledge is essential for their future participation in a number of design projects offered throughout the engineering curriculum in all three programs in the School of Engineering.

*See: Map of Changes in the first-year Curriculum*



## Curriculum Proposal Form Change to Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b>APSC 172 (3) Engineering Analysis I</b> <u>Functions, limits, differentiation, applications of derivatives, integration, applications of definite integrals.</u> [3-0-1]</p> <p><b>APSC 173 (3) Engineering Analysis II</b> <u>Integrals and transcendental functions, techniques of integration, applications of integration, polar coordinates, infinite sequences and series, vectors and the geometry of space, and partial derivatives.</u> [3-0-1] Prerequisite: APSC 172.</p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b></p> <p><b>APSC 172 (3) Engineering Analysis I</b> <del>Engineering applications of differential calculus.</del> [3-0-1]</p> <p><b>APSC 173 (3) Engineering Analysis II</b> <del>Engineering applications of integral calculus.</del> [3-0-1] <i>Prerequisite: APSC 172.</i></p> <p><b>Type of Action:</b> revise courses.</p> <p><b>Rationale:</b> These changes are part of an overall re-organization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted</p>



leading to a reorganization of the two former 6 credit courses, redistribution of course materials related to mathematics and introduction of three new standalone courses on engineering drawing, sustainable engineering design and linear algebra for engineers.

APSC 172: The course content of APSC 172 has been adjusted to include integration which is essential background for year 1, term 2 courses in the first-year engineering program. Term 2 courses, including APSC 178 and APSC 181, use integration and the change to APSC 172 will ensure students receive adequate preparation with integration concepts. The curriculum change also aligns the presentation of concepts with most calculus textbooks.

APSC 173: The course content of APSC 173 has been adjusted to reflect changes made in APSC 172 which now includes basic integration concepts. APSC 173 is focused on gaining experience with more advanced concepts in integration, series expansions and partial derivatives. The combined changes to APSC 172 and 173 will improve the delivery of fundamental mathematical concepts in differentiation and integration required for further study in Engineering.

*See: Map of Changes in the first-year Curriculum*



## Curriculum Proposal Form Change to Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b>APSC 178 (4) Electricity, Magnetism, and Waves</b>  <u>Coulomb's law, electric field, Gauss' law, electric potential, conductors, capacitance, electric currents, resistance, DC circuits, magnetic fields and forces, sources of magnetic fields, electromagnetic induction, mechanical waves, electromagnetic waves, light propagation, geometrical optics. [4-0-1]</u>  <i>Prerequisite:</i> APSC 172.  <i>Corequisite:</i> APSC 173.</p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b></p> <p><b>APSC 178 (3) Electricity and Magnetism for Engineers</b>  <del>Electric charges and fields, Coulomb's law, electric potential, Gauss's law, capacitance, voltage, current, resistance, DC circuits, magnetic forces and fields, generators and motors, electromagnetic induction, inductors, AC circuits. Credit will not be granted for both APSC 178 and APSC 171. [3-0-1]</del>  <i>Prerequisite:</i> APSC 172.  <i>Corequisite:</i> APSC 173.</p> <p><b>Type of Action:</b> revise course title, Academic Calendar description, vectors.</p> <p><b>Rationale:</b> These changes are part of an overall reorganization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted</p>



	<p>leading to a reorganization of the two former 6 credit courses, redistribution of course materials related to mathematics and introduction of three new standalone courses on engineering drawing. Sustainable engineering design and linear algebra for engineers.</p> <p>This course was revised to respond a serious concern from CEAB that wave mechanics, optics and acoustics are missing from the first-year engineering physics curriculum. New topics are added in the existing APSC 178 course and the vector is adjusted accordingly.</p> <p><i>See: Map of Changes in the first-year Curriculum.</i></p>
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## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>APSC 179 (2) Linear Algebra for Engineers</u></b> <b><u>Systems of linear equations, Gaussian elimination, engineering application of linear algebra, matrix operations, special matrices, determinants, vector space, orthogonality, eigenvalues and eigenvectors, linear transformation. Credit will not be granted for both APSC 179 and APSC 170. [2-0-1]</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> These changes are part of an overall re-organization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted leading to a reorganization of the two former 6 credit courses, redistribution of course materials related to mathematics and</p>





introduction of three new standalone courses on engineering drawing, sustainable engineering design and linear algebra for engineers.

This new course is being added to support all three B.A.Sc. programs (civil, electrical, and mechanical engineering) in the School of Engineering within the Faculty of Applied Science. This new course was created to respond a serious concern from the Canadian Engineering Accreditation Board (CEAB) that all of our three undergraduate programs lack a standalone necessary linear algebra course with engineering applications. The creation of this new course, which will be taken by all first-year engineering students in the Faculty of Applied Science, will not only help increase the required mathematical content of our B.A.Sc. program but also make our engineering program more accessible to college transfer students. Currently the linear algebra materials are scattered in APSC 180 (Statics) and APSC 170 (Engineering Fundamentals). With this current curriculum design, it is extremely difficult for the instructor to teach the essential linear algebra materials in a systematic and coherent manner.

*See: Map of Changes in the first-year Curriculum*



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

### Category: 1 and 2

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>APSC 182 (3) Matter and Energy I</u></b> <b><u>Thermometry, states of matter and phase change, ideal and real gases, 1<sup>st</sup> law of thermodynamics, 2<sup>nd</sup> law of thermodynamics, liquids, solutions. Credit will not be granted for both APSC 182 and APSC 175. [2-2*-2*]</u></b></p> <p><b><u>APSC 183 (3) Matter and Energy II</u></b> <b><u>Atomic structures and bonding, solid crystals, chemical equilibrium, reactions in gas phase and in aqueous solutions, acid-base and redox reactions, kinetics of chemical reactions, thermochemistry, electrochemistry. Credit will not be granted for both APSC 183 and APSC 174. [2-2*-2*]</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b></p> <p><del><b>APSC 175 (6) Matter and Energy</b> <b>Heat, thermal properties of materials, ideal gases; isothermal and adiabatic compression and expansion; chemical bonding and stoichiometry; mass and energy balances. [4-2-2]</b></del></p>



**Type of Action:** new courses: APSC 182, APSC 183 (discontinue APSC 175).

**Rationale:** These changes are part of an overall re-organization of courses in the Engineering Year 1 curriculum. They are required in response to the Canadian Engineering Accreditation Board review in Fall 2012. The CEAB have requested increased focus on mathematics and natural sciences. Following these recommendations, a thorough review of the first-year curriculum has been conducted leading to a reorganization of the two former 6-credit courses, redistribution of course materials related to mathematics and introduction of three new standalone courses on engineering drawing, sustainable engineering design and linear algebra for engineers.

Presently APSC 175, Matter and Energy, is a six credit-course offered in term one. This course covers required chemistry and a selection of topics in physics for first-year engineering students. With regard to the amount of materials presented in a short period of time (one term), the laboratory and assignment requirements and time commitment, the course in its present state is very demanding and puts significant pressure on the students. The proposed change will include the redistribution of the material over two semesters and in two separate courses.

The materials will now be delivered in term one (topics related to thermo-physical properties of matter, phase and phase change and physical chemistry topics in general), and term two (structure of matter, chemical reactions, chemical kinetics and thermodynamics of chemical reactions). These changes will also help better planning and distribution of required



laboratory work. The students will also have more time to spend on assignments and get better understanding of the course materials.

*See: Map of Changes in the first-year Curriculum*



## Curriculum Proposal Form Change to Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Applied Science <b>School:</b> Engineering <b>Faculty Approval Date:</b> February 21, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> April 12, 2013 <b>Contact Person:</b> Dr. Vladan Prodanovic <b>Phone:</b> 250.807.8161 <b>Email:</b> <a href="mailto:vladan.prodanovic@ubc.ca">vladan.prodanovic@ubc.ca</a></p>										
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges School of Engineering Bachelor of Applied Science Program</a> Program Overview</p> <p><b>Program Overview</b></p> <p><b>[13615] First Year</b></p> <p><b>[13616]</b> Students admitted into the Engineering program directly from secondary school will take the first-year Engineering One curriculum.</p> <p><b>[11983]</b> Other students will need to contact the <a href="#">School of Engineering Student Development Office</a> for advice on their first-year program.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Engineering One Curriculum</th> <th style="text-align: right;">Credits</th> </tr> </thead> <tbody> <tr> <td><b><u>APSC 169 Fundamentals of Sustainable Engineering Design</u></b></td> <td style="text-align: right;"><b><u>3</u></b></td> </tr> <tr> <td><b><u>APSC 171 Engineering</u></b></td> <td style="text-align: right;"><b><u>3</u></b></td> </tr> </tbody> </table>	Engineering One Curriculum	Credits	<b><u>APSC 169 Fundamentals of Sustainable Engineering Design</u></b>	<b><u>3</u></b>	<b><u>APSC 171 Engineering</u></b>	<b><u>3</u></b>	<p><b>Draft Academic Calendar URL:</b> <a href="http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,317,989,1184">http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,317,989,1184</a></p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges School of Engineering Bachelor of Applied Science Program</a> Program Overview</p> <p><b>Program Overview</b></p> <p><b>[13615] First Year</b></p> <p><b>[13616]</b> Students admitted into the Engineering program directly from secondary school will take the first-year Engineering One curriculum.</p> <p><b>[11983]</b> Other students will need to contact the <a href="#">School of Engineering Student Development Office</a> for advice on their first-year program.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Engineering One Curriculum</th> <th style="text-align: right;">Credits</th> </tr> </thead> <tbody> <tr> <td><b><del>APSC 170 Engineering Fundamentals</del></b></td> <td style="text-align: right;"><b><del>6</del></b></td> </tr> </tbody> </table>	Engineering One Curriculum	Credits	<b><del>APSC 170 Engineering Fundamentals</del></b>	<b><del>6</del></b>
Engineering One Curriculum	Credits										
<b><u>APSC 169 Fundamentals of Sustainable Engineering Design</u></b>	<b><u>3</u></b>										
<b><u>APSC 171 Engineering</u></b>	<b><u>3</u></b>										
Engineering One Curriculum	Credits										
<b><del>APSC 170 Engineering Fundamentals</del></b>	<b><del>6</del></b>										



<b><u>Drawing and CAD/CAM</u></b>			
APSC 172 Engineering Analysis I	3	APSC 172 Engineering Analysis I	3
APSC 173 Engineering Analysis II	3	APSC 173 Engineering Analysis II	3
		<del><b>APSC 175 Matter and Energy</b></del>	<del><b>6</b></del>
APSC 176 Engineering Communication	3	APSC 176 Engineering Communication	3
APSC 177 Engineering Computation and Instrumentation	3	APSC 177 Engineering Computation and Instrumentation	3
APSC 178 <b><u>Electricity, Magnetism, and Waves</u></b>	<b><u>4</u></b>	APSC 178 <del><b>Electricity and Magnetism for Engineers</b></del>	<del><b>3</b></del>
<b><u>APSC 179 Linear Algebra for Engineers</u></b>	<b><u>2</u></b>		
APSC 180 Statics	3	APSC 180 Statics	3
APSC 181 Dynamics	3	APSC 181 Dynamics	3
<b><u>APSC 182 Matter and Energy I</u></b>	<b><u>3</u></b>		
<b><u>APSC 183 Matter and Energy II</u></b>	<b><u>3</u></b>		
Total Credits	36	Total Credits	36
		<del><b>Humanities/Social Sciences Elective<sup>†</sup></b></del>	<del><b>3</b></del>
		<del><b>† In general, scientific geography courses, statistical courses, and studio/performance courses in fine arts, music, and theatre will not satisfy this requirement. Courses that teach language skills are not acceptable. See <a href="#">Complementary Studies Courses</a>.</b></del>	
<b>[13621]</b> Students proceeding to second year will have the option of continuing their Engineering program at the UBC Okanagan campus in Civil Engineering, Electrical Engineering, or Mechanical Engineering, or transferring to the UBC		<b>[13621]</b> Students proceeding to second year will have the option of continuing their Engineering program at the UBC Okanagan campus in Civil Engineering, Electrical Engineering, or Mechanical Engineering, or transferring to the UBC	



Vancouver campus into one of the following programs: Chemical and Biological Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Geological Engineering, Integrated Engineering, Materials Engineering, Mechanical Engineering, or Mining Engineering. Admission to a selected program is dependent on performance in first year.

**[13622]** Students should consult the [Vancouver Academic Calendar](#) for detailed program information.

### **[13618] Second Year**

#### **[13531]**

<b>Engineering Two Curriculum</b>	<b>Credits</b>
APSC 201 Technical Communication	3
APSC 246 System Dynamics	3
APSC 248 Engineering Analysis III	3
APSC 252 Thermodynamics and Heat Transfer	3
APSC 253 Fluid Mechanics I	3
APSC 254 Instrumentation and Data Analysis	3
APSC 255 Analog and Digital Systems	3
APSC 256 Numerical Methods for Engineering Analysis	3
APSC 258 Applications of Engineering Design	3
APSC 259 Materials Science I	3
APSC 260 Mechanics of	3

Vancouver campus into one of the following programs: Chemical and Biological Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Geological Engineering, Integrated Engineering, Materials Engineering, Mechanical Engineering, or Mining Engineering. Admission to a selected program is dependent on performance in first year.

**[13622]** Students should consult the [Vancouver Academic Calendar](#) for detailed program information.

### **[13618] Second Year**

#### **[13531]**

<b>Engineering Two Curriculum</b>	<b>Credits</b>
APSC 201 Technical Communication	3
APSC 246 System Dynamics	3
APSC 248 Engineering Analysis III	3
APSC 252 Thermodynamics and Heat Transfer	3
APSC 253 Fluid Mechanics I	3
APSC 254 Instrumentation and Data Analysis	3
APSC 255 Analog and Digital Systems	3
APSC 256 Numerical Methods for Engineering Analysis	3
<del>APSC 257 Technology, Environment, and Society</del>	<del>3</del>
APSC 258 Applications of Engineering Design	3
APSC 259 Materials Science I	3
APSC 260 Mechanics of	3





**MAP of changes in the 1st Year Curriculum**

**OLD courses (total number of credits 36)**

~~APSC 170 (6) Engineering Fundamentals  
Engineering Design Project  
Engineering Drawing  
Linear Algebra~~

APSC 172 (3) Engineering Analysis I  
Differential Calculus

APSC 173 (3) Engineering Analysis II  
Integral Calculus  
*Prerequisite: APSC 172*

~~APSC 175 (6) Matter and Energy  
Thermal Properties of Materials  
Temperature, Heat and Work  
Ideal and Real Gases  
1st and 2nd Law of Thermodynamics  
Liquids and Solutions  
Atoms, Molecules, Intramolecular and Intermolecular Forces  
Chemical reactions, Stoichiometry  
Chemical reactions in Aqueous Solutions  
Kinetics of Chemical Reactions  
Thermochemistry  
Electrochemistry~~

APSC 176 (3) Engineering Communication

APSC 177 (3) Engineering Computation and Instrumentation

APSC 178 (3) Electricity and Magnetism for Engineers  
Electric charge and electric field  
Gauss' law  
Electric potential  
Capacitance and Dielectrics  
Current, resistance and Electromotive Force  
DC Circuits  
Magnetic Fields and Magnetic Force  
Sources of Magnetic Fields  
Electromagnetic Induction  
*Prerequisite: APSC 172, corequisite: APSC 173*

APSC 180 (3) Statics

APSC 181 (3) Dynamics  
*Prerequisite: All of APSC 172, APSC 180*

Humanities/Social Sciences Elective

**NEW Courses (total number of credits 36)**

APSC 169 (3) Fundamentals of Sustainable Engineering Design  
Sustainable Engineering Design  
Ecology and Impact of Engineering Design on the Environment  
Sustainability and Design for Environment  
Engineering Design Project

APSC 171 (3) Engineering Drawing and CAD/CAM

APSC 179 (2) Linear Algebra for Engineers

APSC 172 (3) Engineering Analysis I  
Differentiation and applications of derivatives  
Integration and applications of definite integrals

APSC 173 (3) Engineering Analysis II  
Integrals and transcendental Functions  
Polar Coordinates  
Infinite sequences and series  
Vectors and the Geometry of Space  
Partial Derivatives  
*Prerequisite: APSC 172*

APSC 182 (3) Matter and Energy I  
Thermal Properties of Materials  
Temperature, Heat and Work  
Ideal and Real Gases  
1st and 2nd Law of Thermodynamics  
Liquids and Solutions

APSC 183 (3) Matter and Energy II  
Matter and Energy II  
Atoms, Molecules, Intramolecular and Intermolecular Forces  
Chemical reactions, Stoichiometry  
Chemical reactions in Aqueous Solutions  
Kinetics of Chemical Reactions  
Thermochemistry  
Electrochemistry

APSC 176 (3) Engineering Communication

APSC 177 (3) Engineering Computation and Instrumentation

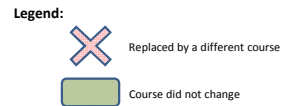
APSC 178 (4) Electricity, Magnetism and Waves  
Electric charge and electric field  
Gauss' law  
Electric potential  
Capacitance and Dielectrics  
Current, resistance and Electromotive Force  
DC Circuits  
Magnetic Fields and Magnetic Force  
Sources of Magnetic Fields  
Electromagnetic Induction  
Mechanical Waves  
Light Propagation  
Geometrical Optics  
*Prerequisite: APSC 172, corequisite: APSC 173*

APSC 180 (3) Statics

APSC 181 (3) Dynamics  
*Prerequisite: All of APSC 172, APSC 180*

**2nd Year Curriculum (affected courses)**

~~APSC 257 (3) Technology, Environment and Society~~



Moved to 2nd year



## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> Biology (Unit 2)  <b>Faculty Approval Date:</b>  February 26, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 5, 2013  <b>Contact Person:</b> Dr. John Klironomos  <b>Phone:</b> 250.807.9254  <b>Email:</b> <a href="mailto:john.klironomos@ubc.ca">john.klironomos@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>BIOL 414 (3) Ecological Methods</u></b>  <u>Application of methods to common problems in ecology. Students carry out independent research projects in the field. Study design, hypothesis development, primary data collection, analysis, and interpretation; formal manuscripts for publication. Credit will not be granted for both BIOL 414 and BIOL 514. [3-4-0]</u>  <u>Prerequisite: One of BIOL 202, GEOG 271 and one of BIOL 201, BIOL 203, GEOG 207.</u></p> <p><b><u>BIOL 514 (3) Ecological Methods</u></b>  <u>Application of methods to common problems in ecology. Students carry out independent research projects in the field. Study design, hypothesis development, primary data collection, analysis, and interpretation; formal manuscripts for publication. Credit will not be granted for both BIOL 514 and BIOL 414.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New courses.</p> <p><b>Rationale:</b> BIOL 414 is an elective course developed for, but limited to, students in the Major in Ecology and Evolutionary Biology. It will be offered every year.</p> <p>BIOL 514 is an elective course for students in the Biology Graduate Program. It will be offered every year.</p>



## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> Unit 2 and Unit 7 <b>Faculty Approval Date:</b> March 26, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> March 18, 2013 <b>Contact Person:</b> Dr. Lael Parrott <b>Phone:</b> 250.807.8122 <b>Email:</b> <a href="mailto:lael.parrott@ubc.ca">lael.parrott@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>BIOL 444 (3) Dynamic Modelling of Human-Environment Systems</u></b>  <u>Design and use of dynamic models of complex systems; spatial modelling of the environment; agent- and individual-based models; applications to biodiversity conservation, environmental management, land use change and natural resource management.</u>  <u>Credit will not be granted for both BIOL 444 and BIOL 544. [3-3-0]</u>  <u>Prerequisites: Third-year standing. One of MATH 100, MATH 101, and one of APSC 254, BIOL 202, GEOG 271, PSYO 271, STAT 121, STAT 230. At least three credits of second-year BIOL/EESC and three credits of third-year BIOL/EESC are strongly recommended.</u>  <u>Equivalency: EESC 444.</u></p> <p><b><u>EESC 444 (3) Dynamic Modelling of Human-Environment Systems</u></b>  <u>Design and use of dynamic models of complex systems; spatial modelling of the environment; agent- and individual-based models; applications to biodiversity conservation, environmental management, land use change and</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p>



**natural resource management.**  
**Credit will not be granted for both**  
**ENVI 444 and EESC E44. [3-3-0]**  
**Prerequisites: Third-year standing.**  
**One of MATH 100, MATH 101,**  
**and one of APSC 254, BIOL 202,**  
**GEOG 271, PSYO 271, STAT 121,**  
**STAT 230. At least three credits of**  
**second-year BIOL/EESC and three**  
**credits of third-year BIOL/EESC**  
**are strongly recommended.**  
**Equivalency: BIOL 444.**

**BIOL 544 (3) Dynamic Modelling of**  
**Human-Environment Systems**

**Design and use of dynamic models**  
**of complex systems; spatial**  
**modelling of the environment;**  
**agent- and individual-based**  
**models; applications to biodiversity**  
**conservation, environmental**  
**management, land use change and**  
**natural resource management.**  
**Credit will not be granted for both**  
**BIOL 544 and BIOL 444.**  
**Equivalency: ENVI 544.**

**ENVI 544 (3) Dynamic Modelling of**  
**Human-Environment Systems**

**Design and use of dynamic models**  
**of complex systems; spatial**  
**modelling of the environment;**  
**agent- and individual-based**  
**models; applications to biodiversity**  
**conservation, environmental**  
**management, land use change and**  
**natural resource management.**  
**Credit will not be granted for both**  
**ENVI 544 and EESC 444.**  
**Equivalency: BIOL 544.**

**Type of Action:** New courses.

**Rationale:** These cross-listed courses are designed to expand course options available for upper-year and graduate-level Earth and Environmental Sciences and Biology students interested in learning to use and build dynamic models. The courses will expand offerings in quantitative courses, providing upper-level undergraduates with employable skills and providing graduate students with the training they need to further develop models as part of their research programs.

Note that the course is currently being taught as a special topics course cross-listed in Biology and EESC in 2012 (Winter Term 2). The course was offered on very short notice and received an enrolment of 10 undergraduates and 2 graduates.

The prerequisites have been selected to make the course available primarily to BIOL/EESC/GEOG majors. Although other arts and sciences majors are not excluded from taking the course, the applications and subject matter assume some familiarity with ecology and environmental management and conservation.



## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1 and 2

<p><b>Faculty/School:</b> IKBSAS  <b>Department/Unit:</b> Unit 5  <b>Faculty/School Approval Date:</b>      March 26, 2013  <b>Effective Session:</b> 2013W (2012S for COSC 132)</p>	<p><b>Date:</b> December 20, 2012  <b>Contact Person:</b> Ramon Lawrence  <b>Phone:</b> 250.807.9390  <b>Email:</b> <a href="mailto:ramon.lawrence@ubc.ca">ramon.lawrence@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>COSC 101 (3) Digital Citizenship</u></b>  <u>Provides knowledge and skills to navigate the digital society. The importance of digital participation will be investigated by studying issues surrounding digital access, skills, and utilization. Digital literacy is emphasized through the exploration of computer applications, the use of converging technologies, and online resources. This course does not assume students have any Computer Science background. Credit will not be granted for both COSC 101 and COSC 132. [3-2-0]</u></p>	<p><b>Draft Academic Calendar URL:</b> <a href="#">N/A</a></p> <p><b>Present Academic Calendar Entry:</b> <a href="#">N/A</a></p> <p><del><b>COSC 132 (3) Surviving Security Threats in Our Information Society</b>  <b>Aspects of computing security. Techniques for enforcing security will be investigated. Awareness of how human factors can deceive security measures will be explored. Credit will not be granted for both COSC 132 and COSC 232. [3-3*-0]</b></del></p>



	<p><b>Type of Action:</b> New course; discontinue course.</p> <p><b>Rationale:</b> When the COSC 132 course was originally proposed, the security course was designed to provide students with an understanding on privacy in a digital society. There are many aspects to being a digital citizen beyond security. The course has been renamed and its content broadened to include all aspects of digital citizenship and skills. The lab has been changed to two hours weekly to provide students with weekly exposure to computers and emerging technologies. A weekly lab is better than an alternating week lab to keep students engaged with the material, to provide opportunities to practice using various technologies regularly, and to not require multiple topics be taught in the same lab.</p> <p>Because COSC 132 and COSC 101 are close enough in the topics they covered, but different enough that we can't justify it to be the same course, a new course is created and COSC 132 is being deleted from the Academic Calendar. There is no equivalency between COSC 101 and COSC 132.</p>
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## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1 and 2

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> Unit 5  <b>Faculty Approval Date:</b> April 2, 2013  <b>Effective Session:</b> 2013W (2012S for COSC 231)</p>	<p><b>Date:</b> March 15, 2013  <b>Contact Person:</b> Ramon Lawrence  <b>Phone:</b> 250.807.9390  <b>Email:</b> <a href="mailto:ramon.lawrence@ubc.ca">ramon.lawrence@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>COSC 331 (3) Principles of Computer Science</u></b>  <u>An introduction to different programming paradigms and theories of computation. Functional programming and basics of lambda calculus; logic programming and basics of propositional and first-order logic; regular languages and finite automaton. Credit will not be granted for both for both COSC 331 and COSC 231. [3-2-0]</u>  <u>Prerequisite: COSC 222.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A  <b>Present Academic Calendar Entry:</b> N/A</p> <p><b><del>COSC 231 (3) Principles of Computer Science</del></b>  <del>An introduction to fundamentals of programming paradigms and the theory of computation. Functional programming and basics of lambda calculus; logic programming and basics of propositional and first-order logic; regular languages and finite automaton. [3-2-0]</del>  <del>Prerequisite: A score of 60% or higher in COSC 121.</del></p>



	<p><b>Type of Action:</b> New course/course discontinuation.</p> <p><b>Rationale:</b> The content and difficulty of this course is more suited for third year. For instance, it is similar to CPSC 312 Functional and Logic Programming in Vancouver. By moving it to third year students will have more success and will be able to take it as an upper-year elective.</p>
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## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> Unit 7 <b>Faculty Approval Date:</b> February 26, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 18, 2013 <b>Contact Person:</b> Dr. Kyle Larson <b>Phone:</b> 250.807.8564 <b>Email:</b> <a href="mailto:kyle.larson@ubc.ca">kyle.larson@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>EESC 425 (3) Tectonics and Orogenesis</u></b> <b><u>Large-scale Earth structure; tectonic environments; Archean geology and the initiation of plate tectonics; analytical toolsets; orogenesis; the Canadian Cordillera and comparison to mountain belts around the world including the Andes, the Alps, and the Himalaya. [3-0-0]</u></b> <b><u>Prerequisites: All of EESC 323, EESC 325.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> This course is designed to expand course options available for upper-year Earth and Environmental Sciences students interested in large-scale tectonic processes and orogenesis (mountain building). It will provide students an opportunity to incorporate the skills they have acquired in other courses (EESC 322; 323; 325; 350) taken during their degree and use those combined skills to elucidate regional scale geologic problems. This course will significantly expand the students' knowledge base through exploration of how geologic processes have changed throughout Earth's history and how those changes are reflected in the rock</p>



	<p>record. The students will be exposed to the development of the fundamental theories that govern much of geologic science and asked to critically assess a variety of geologic models that are commonly contradictory. This course will also broaden the choice of courses that students can take to meet registration requirements in APEGBC (Association of Professional Engineers and Geoscientists of BC). A 'trial' version of the course was run as a Selected Topics course in T2 2012-13; 17 students enrolled.</p>
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## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> Unit 1  <b>Faculty Approval Date:</b> April 11, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> March 6, 2013  <b>Contact Person:</b> Jon Corbett  <b>Phone:</b> 250.807.9348  <b>Email:</b> <a href="mailto:jon.corbett@ubc.ca">jon.corbett@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>GEOG 427 (3) NeoGeography</u></b>  <u>Explores the development of NeoGeography and the geoweb: its relationship to geographic theories and concepts; its changing role in influencing the way in which we understand our relationship to space, place and the world around us. [2-0-1]</u>  <u>Prerequisites: All of GEOG 128, GEOG 129 and third year standing.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> The term NeoGeography was coined in 2006 to define the increasing interplay between the subjects, producers, communicators and consumers of geographic information. Since then, this subfield of Geography has gained prominence at academic conferences and is now taught in various forms in a few universities. The addition of this course will not only complement UBCO's Geography program, but will keep it current and competitive. This course was successfully taught as a selected topic in 2011.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>School:</b> History/Unit 6  <b>Faculty Approval Date:</b>  February 26, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> October 23, 2012  <b>Contact Person:</b> Dr. James Hull  <b>Phone:</b> 250.807.9414  <b>Email:</b> <a href="mailto:james.hull@ubc.ca">james.hull@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>HIST 310 (3/6) d Topics in the History of Medicine and Disease</u></b>  <u>[3-0-0]</u>  <u>Prerequisite: Either one of (a) HIST 218 and third-year standing, or (b) 6 credits of HIST.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> To complement the existing upper-level courses in the history of science and technology. To increase upper-level History offering suitable for the “thematic” breadth requirement for the History Major.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Unit:</b> Unit 6 (History)  <b>Faculty Approval Date:</b> January 15, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> October 19, 2012  <b>Contact Person:</b> Brigitte Le Normand  <b>Phone:</b> 250.807.8232  <b>Email:</b> <a href="mailto:brigitte.lenormand@ubc.ca">brigitte.lenormand@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>HIST 336 (3) Eastern Europe During the Cold War</u></b>  <b><u>A political, social, and cultural history of Eastern Europe from the end of the Second World War to the fall of state socialism. [3-0-0]</u></b>  <b><u>Prerequisite: Either (a) one of HIST 115, HIST 126 and third-year standing or (b) 6 credits of HIST.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> New hire brings expertise in this area, which is not currently covered by any other course. Based on experience teaching this course in another institution, significant student interest is expected.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Unit:</b> Unit 6 (History)  <b>Faculty Approval Date:</b> January 15, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> November 6, 2012  <b>Contact Person:</b> Brigitte Le Normand  <b>Phone:</b> 250.807.8232  <b>Email:</b> <a href="mailto:brigitte.lenormand@ubc.ca">brigitte.lenormand@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>HIST 461 (3/6) d Topics in Urban History</u></b>  <b><u>[3-0-0]</u></b>  <b><u>Prerequisite: Either (a) HIST 126 and third-year standing or (b) 6 credits of HIST.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> Several faculty members are qualified to teach this course and have expressed an interest in doing so (including Brigitte Le Normand, Jessica Stites Mor, Ruth Frost, Julien Vernet, James Hull, and Ben Nilson). Brigitte Le Normand was specifically hired as an urban historian and will be teaching this course on a regular rotation. Urban History is an important field of historical inquiry, as evidenced by the large attendance at such professional conferences as the Urban History Association and the European Urban History Network.</p> <p>Additionally, this course may stimulate students' interest in pursuing a Masters in IGS in the Urban Studies themed option.</p>



## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> History/Unit 6  <b>Faculty Approval Date:</b> March 26, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> 6 February 2013  <b>Contact Person:</b> James Hull  <b>Phone:</b> 250.807.9414  <b>Email:</b> <a href="mailto:james.hull@ubc.ca">james.hull@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>HIST 381 (3/6) d Special Topics in Economic History</u></b>  <u>Students should consult the unit for the particular topics offered in a given year. [3-0-0]</u>  <u>Prerequisite: 9 credits of HIST and third-year standing.</u></p> <p><b><u>HIST 382 (3/6) d Special Topics in Political History</u></b>  <u>Students should consult the unit for the particular topics offered in a given year. [3-0-0]</u>  <u>Prerequisite: 9 credits of HIST and third-year standing.</u></p> <p><b><u>HIST 383 (3/6) d Special Topics in Social and Cultural History</u></b>  <u>Students should consult the unit for the particular topics offered in a given year. [3-0-0]</u>  <u>Prerequisite: 9 credits of HIST and third-year standing.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New courses</p> <p><b>Rationale:</b> To add breadth and flexibility to the current offerings of upper-level HIST courses. The courses have been assigned a 300-level designation as they are intended to be larger, primarily lecture-based courses, whereas 400-level courses are intended to be seminars.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> HIST/Unit 6  <b>Faculty Approval Date:</b> March 26, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> Feb 12, 2013, rev. March 14, 2013  <b>Contact Person:</b> Dr Ruth Frost  <b>Phone:</b> 250.807.9407  <b>Email:</b> <a href="mailto:ruth.frost@ubc.ca">ruth.frost@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>HIST 430 (3/6) d Topics in the History of Migration</u></b>  <b><u>[3-0-0]</u></b>  <b><u>Prerequisite: 12 credits of HIST.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> This topics course will give the history department flexibility to explore issues and themes related to migration over different time periods and regions. Because it is a ‘topics’ course historians of different specialties will be to teach it.</p> <p>Offering topics courses is a common way for history programs to organize their course offerings. It provides flexibility for the department, gives more than one professor the opportunity to teach the course, and broadens the offerings available to students. The use of postfixes (ex., HIST 430a, HIST 430b) distinguishes the courses with different topical themes such as the hypothetical HIST 430a: Immigration in Europe, 1000-1650, or HIST 430b: Immigration and the Southeast Asian Diaspora, 1800-present.</p>





## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1 and 2

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> Unit 5, Mathematics  <b>Faculty Approval Date:</b> April 2, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> Mar 15, 2013  <b>Contact Person:</b> Warren Hare  <b>Phone:</b> 250.807.9378  <b>Email:</b> <a href="mailto:warren.hare@ubc.ca">warren.hare@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>MATH 303 (3) Numerical Analysis</u></b>  <u>Numerical techniques for basic mathematical processes and their analysis. Taylor polynomials, root-finding, linear systems, eigenvalues, approximating derivatives, locating minimizers, approximating integrals, solving differential equations. [3-1-0]</u>  <u>Prerequisite: All of COSC 121, MATH 200 and MATH 221.</u>  <u>Equivalency: COSC 303.</u></p> <p><b>COSC 303 (3) Numerical <u>Analysis</u></b>          Numerical techniques for basic mathematical processes and their analysis. <u>Taylor polynomials, root-finding, linear systems, eigenvalues, approximating derivatives, locating minimizers, approximating integrals, solving differential equations. [3-1-0]</u>  <i>Prerequisite:</i> All of MATH 200, MATH 221 and COSC 121.  <u>Equivalency: MATH 303.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>COSC 303 (3) Numerical <del>Approximation and Discretization</del></b>          Numerical techniques for basic mathematical processes <del>involving discretization and</del> their analysis. <del>Interpolation and approximation, including splines and least squares data fitting; numerical differentiation and integration; introduction to numerical initial value ordinary differential equations. [3-0-0]</del>  <i>Prerequisite:</i> All of MATH 200, MATH 221 and COSC 121.</p>



	<p><b>Type of Action:</b> New course cross-listed with COSC 303 (attendant revisions to COSC 303).</p> <p><b>Rationale:</b> New course provides material that is fundamental to modern areas of mathematical research and applications, and draws on the expertise of existing faculty.</p>
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## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1 and 2

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> Unit 5, Mathematics  <b>Faculty Approval Date:</b> April 2, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> Mar 15, 2013  <b>Contact Person:</b> Warren Hare  <b>Phone:</b> 250.807.9378  <b>Email:</b> <a href="mailto:warren.hare@ubc.ca">warren.hare@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>MATH 429 (3) Analysis III</u></b>  <u>Continuation of MATH 328.</u>  <u>Fourier series, improper</u>  <u>integrals, the Fourier integral,</u>  <u>calculus in vector spaces. [3-0-0]</u>  <u>Prerequisite: MATH 328. Credit</u>  <u>will not be granted for both</u>  <u>MATH 429 and MATH 329.</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b><del>MATH 329 (3) Analysis III</del></b>  <del>Continuation of MATH 328.</del>  <del>Fourier series, improper</del>  <del>integrals, the Fourier integral,</del>  <del>calculus in vector spaces. [3-0-0]</del>  <del>Prerequisite: MATH 328.</del></p> <p><b>Type of Action:</b> New course (reconsider a 300-level course at the 400 level).</p> <p><b>Rationale:</b> The course is the third in a series of third year courses. (MATH 328 requires MATH 327 as a prerequisite.) It is more appropriately recognized as a fourth-year course.</p>



## Curriculum Proposal Form New Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> Unit 5 <b>Faculty Approval Date:</b> April 2, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> March 9, 2013 <b>Contact Person:</b> Wayne Broughton <b>Phone:</b> 250.807.9531 <b>Email:</b> <a href="mailto:wayne.broughton@ubc.ca">wayne.broughton@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs</a> Mathematics (B.Sc.)</p> <p><b>Mathematics (B.Sc.)</b></p> <p><b>[12320] B.Sc. Major in Mathematics</b></p> <p><b>[14634] Note:</b> The UBC Okanagan campus also offers a <a href="#">B.A. Major in Mathematics</a>, a <a href="#">B.Sc. Major in Mathematical Sciences</a>, a <a href="#">B.Sc. Combined Major in Physics and Mathematics</a>, and a <a href="#">B.Sc. Major in Statistics</a>,</p> <p>[...]</p> <p><b>[12356] Mathematics Honours Program</b></p> <p>[...]</p> <p><b><u>Minor in Mathematics</u></b></p> <p><b><u>A student must successfully complete MATH 220 and 18 credits of MATH courses numbered 300 or above (excluding MATH 448).</u></b></p> <p><b>[12359] Minor in Mathematics and</b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs</a> Mathematics (B.Sc.)</p> <p><b>Mathematics (B.Sc.)</b></p> <p><b>[12320] B.Sc. Major in Mathematics</b></p> <p><b>[14634] Note:</b> The UBC Okanagan campus also offers a <a href="#">B.A. Major in Mathematics</a>, a <a href="#">B.Sc. Major in Mathematical Sciences</a>, a <a href="#">B.Sc. Combined Major in Physics and Mathematics</a>, and a <a href="#">B.Sc. Major in Statistics</a>,</p> <p>[...]</p> <p><b>[12356] Mathematics Honours Program</b></p> <p>[...]</p> <p><b>[12359] Minor in Mathematics and</b></p>



<p><b>Statistics</b></p> <p>[...]</p>	<p><b>Statistics</b></p> <p>[...]</p> <p><b>Type of Action:</b> New Minor in Mathematics program.</p> <p><b>Rationale:</b> The old Minor in Mathematics and Statistics was created before there was a separate Statistics program and gave students the flexibility to choose courses in either discipline. Now that there is a separate Minor in Statistics, it makes sense to make the Minor in Mathematics and Statistics truly interdisciplinary and to create a separate Minor in Mathematics for students wishing to take only MATH courses.</p>
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## Curriculum Proposal Form New Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Department/Unit:</b> CCGS/Gender, Women's and Sexuality Studies  <b>Faculty Approval Date:</b> April 10, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> October 29, 2012  <b>Contact Person:</b> Dr. Ilya Parkins  <b>Phone:</b> 250.807.9625  <b>Email:</b> <a href="mailto:ilya.parkins@ubc.ca">ilya.parkins@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Gender and Women's Studies</a></p> <p><b>Gender and Women's Studies</b></p> <p><b><u>Major in Gender and Women's Studies</u></b></p> <p><b><u>Lower-Level Requirements</u></b></p> <p><b><u>B.A. requirements, including the following:</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>GWST 100;</u></b></li> <li>• <b><u>GWST 110.</u></b></li> </ul> <p><b><u>At least six credits at the 200 level, including:</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>One of GWST 216, GWST 223; and</u></b></li> <li>• <b><u>One of the following: ANTH 205, 206, 227; ENGL 209; GWST 215; SOCI 217, 223.</u></b></li> </ul>	<p><b>Draft Academic Calendar URL:</b>  <a href="http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,857,1258">http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,857,1258</a></p> <p><b>Present Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Gender and Women's Studies</a></p> <p><b>Gender and Women's Studies</b></p> <p><b>Gender and Women's Studies</b></p>



### Upper-Level Requirements

- One of GWST 323, 335;
- GWST 334; and
- 30 credits from the following list, of which at least 6 credits must be 400-level GWST courses: ANTH 313; ARTH 410; CULT 366; ECON 351; FREN 419, 422, 439, 470; GEOG 358; GWST 333, 336, 419, 423, 425, 430, 491, 495; HIST 314, 324, 351, 420, 424; INDG 310; JPST 365, 366; PHIL 373; POLI 372; PSYO 353, 354; SOCI 303, 305, 309, 313, 415, 485.
- Note: Relevant special topics courses and directed studies in other disciplines may apply with permission from the program advisor.

### **[14660] Minor in Gender and Women's Studies**

**[14667]** *An interdisciplinary program at the UBC Okanagan campus.*

**[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](#).

### **[14661] Graduation Requirements**

### **[14662] Lower-Level Requirements**

**[14663]** [B.A. requirements](#), including the following:

#### **[14664]**

- GWST 100;
- GWST 110;
- one of GWST 216, 223; and

### **[14660] Minor in Gender and Women's Studies**

**[14667]** *An interdisciplinary program at the UBC Okanagan campus.*

**[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](#).

### **[14661] Graduation Requirements**

### **[14662] Lower-Level Requirements**

**[14663]** [B.A. requirements](#), including the following:

#### **[14664]**

- GWST 100;
- GWST 110;
- one of GWST 216, 223; and



- one of the following: ANTH 205, 206, 227; ENGL 209, 270; GWST 215, SOCI 217, 223.

**[14665] Upper-Level Requirements**

**[14666]** A total of 18 credits of 300- and/or 400-level courses, including:

**[15521]**

- One of GWST 323, 335; and
- 15 credits from the following list, of which at least 3 credits must be 400-level GWST courses: ANTH 313; ARTH 410; CULT 366; ECON 351; FREN 419, 422, 439, 470; GEOG 358; GWST 333, 336, 419, 423, 425, 430, 491, 495; HIST 314, 324, 351, 420, 424; INDG 310; JPST 365, 366; PHIL 373; POLI 372; PSYO 353, 354; SOCI 303, 305, 306, 309, 313, 415, 485.
- **Note:** Relevant special topics courses and directed studies in other disciplines may be applied with permission of the program advisor.

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- one of the following: ANTH 205, 206, 227; ENGL 209, 270; GWST 215, SOCI 217, 223.

**[14665] Upper-Level Requirements**

**[14666]** A total of 18 credits of 300- and/or 400-level courses, including:

**[15521]**

- One of GWST 323, 335; and
- 15 credits from the following list, of which at least 3 credits must be 400-level GWST courses: ANTH 313; ARTH 410; CULT 366; ECON 351; FREN 419, 422, 439, 470; GEOG 358; GWST 333, 336, 419, 423, 425, 430, 491, 495; HIST 314, 324, 351, 420, 424; INDG 310; JPST 365, 366; PHIL 373; POLI 372; PSYO 353, 354; SOCI 303, 305, 306, 309, 313, 415, 485.
- **Note:** Relevant special topics courses and directed studies in other disciplines may be applied with permission of the program advisor.

**Type of Action:** New major

**Rationale:** Please see attached rationale for the detailed description of the program, its context and structure.





## Curriculum Proposal Form Change to Programs – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> Biology <b>Faculty Approval Date:</b> March 26, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> Feb 26, 2013 <b>Contact Person:</b> Mary Forrest <b>Phone:</b> 250.807.9560 <b>Email:</b> <a href="mailto:mary.forrest@ubc.ca">mary.forrest@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs</a> Biology</p> <p><b>Biology</b></p> <p><b>[12223] Major in Biology</b></p> <p><b>[14669] Note:</b> The UBC Okanagan campus also offers Majors in <a href="#">Ecology and Evolutionary Biology</a>, <a href="#">Microbiology</a>, and <a href="#">Zoology</a>.</p> <p>[...]</p> <p><b>[12297] Biology Honours Program</b></p> <p><b>[12298] <u>The Honours in Biology is an intensive program of study based on coursework and research experience.</u></b> 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><b>[12299] Admission Requirements</b></p>	<p><b>Draft Academic Calendar URL:</b> <a href="http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,991">http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,991</a></p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs</a> Biology</p> <p><b>Biology</b></p> <p><b>[12223] Major in Biology</b></p> <p><b>[14669] Note:</b> The UBC Okanagan campus also offers Majors in <a href="#">Ecology and Evolutionary Biology</a>, <a href="#">Microbiology</a>, and <a href="#">Zoology</a>.</p> <p>[...]</p> <p><b>[12297] Biology Honours Program</b></p> <p><b>[12298] <del>Through coursework and research experience, the Honours in Biology is an intensive program of study.</del></b> 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><b>[12299] Admission Requirements</b></p>



**[12300]**

- 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 **unit head**.

**[12301] Graduation Requirements**

**[12303]**

- 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.

**[12300]**

- 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**.

**[12301] Graduation Requirements**

**[12303]**

- 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.

**Draft Academic Calendar URL:**



**Proposed Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Ecology and Evolutionary Biology](#)

## Ecology and Evolutionary Biology

**[14418] Major in Ecology and Evolutionary Biology**

**[14670] Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Microbiology](#), and [Zoology](#).

[...]

**[14422] Ecology and Evolutionary Biology Honours Program**

**[14423] The Honours in Ecology and Evolutionary Biology is an intensive program of study based on coursework and research experience. Students who complete this program will have the ability to work independently and with a high level of competency.**

**[14424]** The course requirements are the same as in the Major in Ecology and Evolutionary Biology, except that students must complete 6 credits of BIOL 440.

**[14425] Admission Requirements**

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1240>

**Present Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Ecology and Evolutionary Biology](#)

## Ecology and Evolutionary Biology

**[14418] Major in Ecology and Evolutionary Biology**

**[14670] Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Microbiology](#), and [Zoology](#).

[...]

**[14422] ~~Honours in Ecology and Evolutionary Biology~~**

**[14423] ~~Graduates will obtain a grounding in theory, practical experience, and skills in laboratory and field work, computers, and communications (both verbal and written). With the inclusion of a required research component to their curriculum, the students who complete this program will have demonstrated their ability for competent independent work. This experience is designed to prepare students for graduate school.~~**

**[14424]** The course requirements are the same as in the Major in Ecology and Evolutionary Biology, except that students must complete 6 credits of BIOL 440 **in the elective component of the program.**

**[14425] Admission Requirements**



**[14426]**

- Fourth-year standing;
- A minimum grade average of 75% over all courses completed; and
- Enrolment in BIOL 440 with a research project and research supervisor approved by the unit head **as appropriate to Ecology and Evolutionary Biology.**

**[14427] Graduation Requirements**

**[14429]**

- Completion of the course requirements for the Major in Ecology and Evolutionary Biology;
- A 75% overall grade average; and
- BIOL 440 (6 credits), with a minimum grade of 75%. A written thesis is required, with a public presentation in the form of a poster session or a seminar.

**[14426]**

- Fourth-year standing;
- A minimum grade average of 75% over all courses completed; and
- Enrolment in BIOL 440 with a research project and research supervisor approved by the unit head.

**[14427] Graduation Requirements**

**[14429]**

- Completion of the course requirements for the Major in Ecology and Evolutionary Biology;
- A 75% overall grade average; and
- BIOL 440 (6 credits), with a minimum grade of 75%. A written thesis is required, with a public presentation in the form of a poster session or a seminar.

**Draft Academic Calendar URL:**



**Proposed Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs](#)

Microbiology

## Microbiology

### [14436] Major in Microbiology

[14671] **Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Ecology and Evolutionary Biology](#), and [Zoology](#).

[...]

### 14441] Microbiology Honours Program

[14442] **The Honours in Microbiology is an intensive program of study based on coursework and research experience.**

Students who complete this program will have the ability to work independently with a high level of competency.

[14443] The course requirements are the same as in the Major in Microbiology, except that students must complete 6 credits of BIOL 440.

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1242>

**Present Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs](#)

Microbiology

## Microbiology

### [14436] Major in Microbiology

[14671] **Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Ecology and Evolutionary Biology](#), and [Zoology](#).

[...]

### 14441] Microbiology Honours Program

[14442] ~~Through coursework and research experience, the Honours in Microbiology is an intensive program of study.~~ Students who complete this program will have the ability to work independently with a high level of competency **in the field of microbiology.**

[14443] The course requirements are the same as in the Major in Microbiology, except that students must complete 6 credits of BIOL 440.

<del>Third and Fourth Years</del>	<del>Credits</del>
<del>BIOL 311, 319</del>	<del>6</del>
<del>BIOL 354</del>	<del>3</del>
<del>BIOL 365, 366</del>	<del>6</del>
<del>BIOL 393</del>	<del>3</del>
<del>BIOL 440</del>	<del>6</del>
<del>Four of BIOL 312, 314, 318, 380, 381, 420<sup>†</sup>, 452<sup>†,2</sup>,</del>	<del>12</del>



<p><b>[14444] Admission Requirements</b></p> <p><b>[14445]</b></p> <ul style="list-style-type: none"> <li>• Fourth-year standing;</li> <li>• A minimum grade average of 75% from all courses completed; and</li> <li>• Enrolment in BIOL 440 with a research project and research supervisor approved by the <b><u>unit head as appropriate to Microbiology.</u></b></li> </ul> <p><b><u>Graduation Requirements</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>Completion of the course requirements for the Major in Microbiology;</u></b></li> <li>• <b><u>A 75% overall grade average; and</u></b></li> <li>• <b><u>BIOL 440 (6 credits), with a minimum grade of 75%. A written thesis is required, with a public presentation in the form of a poster session or a seminar.</u></b></li> </ul>	<p><del>480, 493</del></p> <table> <tr> <td><del>Arts electives</del></td> <td><del>6</del></td> </tr> <tr> <td><del>Non-Biology Science electives numbered 300 or higher</del></td> <td><del>6</del></td> </tr> <tr> <td><del>Electives<sup>3</sup></del></td> <td><del>12</del></td> </tr> <tr> <td><del>Total Credits</del></td> <td><del>120</del></td> </tr> </table> <p><del><sup>1</sup> If related to Microbiology.</del></p> <p><del><sup>2</sup> A one-semester directed studies course approved by the unit.</del></p> <p><del><sup>3</sup> Total of 120 credits is required for graduation, including a minimum of 42 upper-level credits (of which at least 36 credits are Science courses).</del></p> <p><b>[14444] Admission Requirements</b></p> <p><b>[14445]</b></p> <ul style="list-style-type: none"> <li>• Fourth-year standing;</li> <li>• A minimum grade average of 75% from all courses completed; and</li> <li>• Enrolment in BIOL 440 with a research project and research supervisor approved by the <b>academic unit.</b></li> </ul> <p><b>Draft Academic Calendar URL:</b></p>	<del>Arts electives</del>	<del>6</del>	<del>Non-Biology Science electives numbered 300 or higher</del>	<del>6</del>	<del>Electives<sup>3</sup></del>	<del>12</del>	<del>Total Credits</del>	<del>120</del>
<del>Arts electives</del>	<del>6</del>								
<del>Non-Biology Science electives numbered 300 or higher</del>	<del>6</del>								
<del>Electives<sup>3</sup></del>	<del>12</del>								
<del>Total Credits</del>	<del>120</del>								



**Proposed Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs](#)

Zoology

## Zoology

### [15049] Major in Zoology

[16215] **Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Ecology and Evolutionary Biology](#), and [Microbiology](#).

[...]

### [15051] Zoology Honours Program

[15052] **The Honours in Zoology is an intensive program of study based on coursework and research experience. Students who complete this program will have the ability to work independently and with a high level of competency.**

[15053] The course requirements are the same as in the Major in Zoology, except that students must complete 6 credits of BIOL 440.

### [15054] Admission Requirements

#### [15055]

- Fourth-year standing;
- A minimum grade average of 75% over all courses completed; and
- Enrolment in BIOL 440 with a research project and research

<http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,858,1266>

**Present Academic Calendar Entry:**  
[Homepage \(draft\) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs](#)

Zoology

## Zoology

### [15049] Major in Zoology

[16215] **Note:** The UBC Okanagan campus also offers Majors in [Biology](#), [Ecology and Evolutionary Biology](#), and [Microbiology](#).

[...]

### [15051] Zoology Honours Program

[15052] ~~With the inclusion of a required research project, students who complete this program will have demonstrated their ability for competent independent work. This experience is designed to prepare students for graduate school.~~

[15053] The course requirements are the same as in the Major in Zoology, except that students must complete 6 credits of BIOL 440 ~~in the Zoology elective component of the program, and the project must be appropriate for the Zoology degree.~~

### [15054] Admission Requirements

#### [15055]

- Fourth-year standing;
- A minimum grade average of 75% over all courses completed; and
- Enrolment in BIOL 440 with a research project and research



<p>supervisor approved by the <b>unit</b> head <b>as appropriate to Zoology.</b></p> <p><b>[15056] Graduation Requirements</b></p> <p><b>[15057]</b></p> <ul style="list-style-type: none"> <li>• Completion of the course requirements for the Major in Zoology;</li> <li>• A 75% overall grade average; and</li> <li>• BIOL 440 (6 credits) with a minimum grade of 75%. A written thesis is required with a public presentation in the form of a poster session or a seminar.</li> </ul>	<p>supervisor approved by the head.</p> <p><b>[15056] Graduation Requirements</b></p> <p><b>[15057]</b></p> <ul style="list-style-type: none"> <li>• Completion of the course requirements for the Major in Zoology;</li> <li>• A 75% overall grade average; and</li> <li>• BIOL 440 (6 credits) with a minimum grade of 75%. A written thesis is required with a public presentation in the form of a poster session or a seminar.</li> </ul> <p><b>Type of action:</b></p> <ul style="list-style-type: none"> <li>• change preamble wording for four Honours programs</li> <li>• remove reference to specific courses in Honours in Microbiology</li> <li>• add graduation requirements to Honours in Microbiology</li> </ul> <p><b>Rationale:</b> These changes ensure consistency in wording and requirements between the four Honours programs offered by Unit 2 (Biology).</p> <p>They also reflect the recently approved changes to the Majors programs, especially the Major in Microbiology.</p>
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## Curriculum Proposal Form Change to Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> History/Unit 6 <b>Faculty Approval Date:</b> February 26, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> November 5, 2012 <b>Contact Person:</b> Dr. James Hull <b>Phone:</b> 250.807.9414 <b>Email:</b> <a href="mailto:james.hull@ubc.ca">james.hull@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs</a> History</p> <p><b>History</b></p> <p><b>[11347] Major in History</b></p> <p><b>[11348] First and Second Years</b></p> <p><b>[12993] <a href="#">B.A. requirements</a></b>, including the following:</p> <p style="padding-left: 40px;"><b>[12994]</b></p> <ul style="list-style-type: none"> <li>• 12 credits completed from 100- or 200-level History courses.</li> </ul> <p><b>[12995] Third and Fourth Years</b></p> <p><b>[11349]</b> A minimum of 48 History credits including:</p> <p style="padding-left: 40px;"><b>[11350]</b></p> <ul style="list-style-type: none"> <li>• at least 3 credits of Canadian history (any level);</li> </ul>	<p><b>Draft Academic Calendar URL:</b> <a href="http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,857,982">http://www.calendar.ubc.ca/okanagan/proof/edit/index.cfm?tree=18,282,857,982</a></p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs</a> History</p> <p><b>History</b></p> <p><b>[11347] Major in History</b></p> <p><b>[11348] First and Second Years</b></p> <p><b>[12993] <a href="#">B.A. requirements</a></b>, including the following:</p> <p style="padding-left: 40px;"><b>[12994]</b></p> <ul style="list-style-type: none"> <li>• 12 credits completed from 100- or 200-level History courses.</li> </ul> <p><b>[12995] Third and Fourth Years</b></p> <p><b>[11349]</b> A minimum of 48 History credits including:</p> <p style="padding-left: 40px;"><b>[11350]</b></p> <ul style="list-style-type: none"> <li>• at least 3 credits of Canadian history (any level);</li> </ul>



- 30 credits of upper-level History credits (or certain designated non-History courses), including a minimum of 3 credits in each of the following:
  1. an area excluding the United States, Canada, or Europe;
  2. the twentieth century;
  3. pre-1800;
  4. thematic studies course.
- 6 credits from the following courses may be counted towards a History Major: ARTH 315, 316, 320, 321, 370, 375; ECON 330, 331, 332, 333; ENGL 340, 344; PHIL 419; POLI 433, SPAN 420.

### [14999] History Honours Program

[...]

### [11353] Minor in History

**[11354]** To complete a Minor in History, students must accumulate no fewer than 30 credits in History out of the 120 credits required for the B.A. degree. At least 18 of these credits must be numbered 300 or above.

**A maximum of 3 credits from the following courses may be counted towards a History Minor: ARTH 315, 316, 320, 321, 370, 375; ECON 330, 331, 332, 333; ENGL 340, 344; PHIL 419; POLI 433, SPAN 420.**

- 30 credits of upper-level History credits (or certain designated non-History courses), including a minimum of 3 credits in each of the following:
  1. an area excluding the United States, Canada, or Europe;
  2. the twentieth century;
  3. pre-1800;
  4. thematic studies course.
- 6 credits from the following courses may be counted towards a History Major: ARTH 315, 316, 320, 321, 370, 375; ECON 330, 331, 332, 333; ENGL 340, 344; PHIL 419; POLI 433, SPAN 420.

### [14999] History Honours Program

[...]

### [11353] Minor in History

**[11354]** To complete a Minor in History, students must accumulate no fewer than 30 credits in History out of the 120 credits required for the B.A. degree. At least 18 of these credits must be numbered 300 or above.

**Type of Action:** Revise program: make explicit the number of non-History credits which may be counted towards the History Minor.

**Rationale:** This list follows that for the Major but allows 3 rather than 6 credits to be counted.



## Curriculum Proposal Form Change to Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Department/Unit:</b> Unit 5 <b>Faculty Approval Date:</b> April 2, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 8, 2013 <b>Contact Person:</b> Wayne Broughton <b>Phone:</b> 250.807.9531 <b>Email:</b> <a href="mailto:wayne.broughton@ubc.ca">wayne.broughton@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Mathematics (B.Sc.)</a></p> <p><b>Mathematics (B.Sc.)</b></p> <p><b>[12320] B.Sc. Major in Mathematics</b></p> <p><b>[14634] Note:</b> The UBC Okanagan campus also offers a <a href="#">B.A. Major in Mathematics</a>, a <a href="#">B.Sc. Major in Mathematical Sciences</a>, a <a href="#">B.Sc. Combined Major in Physics and Mathematics</a>, and a <a href="#">B.Sc. Major in Statistics</a>,</p> <p>[...]</p> <p><b>[12359] Minor in Mathematics and Statistics</b></p> <p><b>[12360]</b> A student must successfully complete <b><u>MATH 220 and 18 credits of MATH and STAT courses numbered 300 or above (excluding MATH 448 and STAT 448) of which at least 6 credits must be MATH courses and at least 6 credits must be STAT courses.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Science Programs Mathematics (B.Sc.)</a></p> <p><b>Mathematics (B.Sc.)</b></p> <p><b>[12320] B.Sc. Major in Mathematics</b></p> <p><b>[14634] Note:</b> The UBC Okanagan campus also offers a <a href="#">B.A. Major in Mathematics</a>, a <a href="#">B.Sc. Major in Mathematical Sciences</a>, a <a href="#">B.Sc. Combined Major in Physics and Mathematics</a>, and a <a href="#">B.Sc. Major in Statistics</a>,</p> <p>[...]</p> <p><b>[12359] Minor in Mathematics and Statistics</b></p> <p><b>[12360]</b> A student must successfully complete 18 credits <del>in Mathematics and Statistics courses selected from MATH 307, 308, 312, 313, 317, 319, 328, 330, 340, 350, 409, 430, 441, 442, 443, 446; STAT 303, 309, 310, 336, 405, 449.</del></p>



**Type of Action:** Revise program: update list of courses in BSc Minor in Mathematics and Statistics as follows:

Add MATH 220 and include all upper-level MATH and STAT courses except for Directed Studies courses (MATH 448/STAT 448). Require at least 6 credits in each of MATH and STAT.

**Rationale:** This list had become out-of-date as many new courses have now been created, and almost all upper-level courses should be acceptable. Now that there is a separate Minor in Statistics and a proposed Minor in Mathematics, it makes sense to distinguish this Minor by requiring courses in both disciplines. MATH 220 is required to maintain a common core standard for all students in this program, and is a prerequisite for many upper-level courses.

For reference:

**MATH 220 (3) Mathematical Proof**

Sets and functions; induction; cardinality; properties of the real numbers; sequences, series, and limits. Logic, structure, style, and clarity of proofs emphasized throughout. [3-0-0]

*Prerequisite:* MATH 101.



## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department/Unit:</b> Critical Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> Jan. 21/13 <b>Contact Person:</b> Ruthann Lee <b>Phone:</b> 250.807.9181 <b>Email:</b> <a href="mailto:ruthann.lee@ubc.ca">ruthann.lee@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>ARTH 323 (3) Creative Activism: Art, Media, and Social Justice</u></b> <b><u>Examination of the convergence between social justice movements, activist media, and artistic practice. [3-0-0]</u></b> <b><u>Prerequisite: 3 credits of ARTH or CULT, or permission of the instructor. ARTH 101, ARTH 102 or CULT 100, CULT 101 strongly recommended.</u></b> <b><u>Equivalency: CULT 320.</u></b></p> <p><b><u>CULT 320 (3) Creative Activism: Art, Media, and Social Justice</u></b> <b><u>Examination of the convergence between social justice movements, activist media, and artistic practice. [3-0-0]</u></b> <b><u>Prerequisite: 3 credits of ARTH or CULT, or permission of the instructor. ARTH 101, ARTH 102, or CULT 100, CULT 101 strongly recommended.</u></b> <b><u>Equivalency: ARTH 323.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New cross-listed courses.</p> <p><b>Rationale:</b> These new cross-listed courses address the need to connect artistic practice to actual social issues, providing students with the opportunity to relate their learning to concerns within the larger community, including strong potential for experiential learning. It also will provide another (needed) option for fulfilling course requirements in the upper levels Media stream for the Cultural Studies Major as well as upper level requirements for the Art History and Visual Culture Major.</p>



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

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department:</b> Creative Studies  <b>Faculty Approval Date:</b> March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 2, 2013  <b>Contact Person:</b> Michael V. Smith  <b>Phone:</b> 250-807-9706  <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 150 (3) Introduction to Writing Poetry and Non-fiction</u></b></p> <p><b><u>Introduction to composition and experimentation in the genres of poetry and creative non-fiction. Students will develop a working knowledge of modern aesthetics in poetry and creative nonfiction, as well as an objective appreciation of their own "voice" in the context of those aesthetics. No more than 6 credits in total will be granted for CRWR 116, CRWR 126, CRWR 150, CRWR 160. [3-0-0] or [1-0-2]</u></b></p> <p><b><u>CRWR 160 (3) Introduction to Writing Fiction and Drama</u></b></p> <p><b><u>Introduction to composition and experimentation in the genres of fiction and drama. Students will develop a working knowledge of modern aesthetics in fiction and drama, as well as an objective appreciation of their own "voice" in the context of those aesthetics. No more than 6 credits in total will be granted for CRWR 116, CRWR 126, CRWR 150, CRWR 160. [3-0-0] or [1-0-2]</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p>



~~CRWR 116 (3) Introduction to Creative Writing I~~

~~Introduction to composition in the genres of poetry, short fiction, creative non-fiction, and drama. Students will experiment in each of these genres, and develop a working knowledge of modern aesthetics and a fairly objective appreciation of their own "voice" in the context of those aesthetics. {3-0-0}~~

~~CRWR 126 (3) Introduction to Creative Writing II~~

~~Composition of poetry, fiction, creative non-fiction, and drama. Aesthetics of contemporary work in these genres and recent experiments in literature. Students will develop a working knowledge of contemporary aesthetics, and a fairly advanced appreciation of their own "voice" in the context of those aesthetics. {3-0-0}~~

~~*Prerequisite:* One of CRWR 116, ENGL 116.~~

**Type of Action:** New courses (to replace CRWR 116 and CRWR 126).

**Rationale:** In our revision to first year CRWR, we are dividing the current genres of fiction, poetry, drama and nonfiction in CRWR 116 and CRWR 126 into two clusters, poetry with nonfiction, and fiction with drama.

CRWR 150: This is the new course that will focus on poetry and nonfiction writing. Both our current first year creative writing courses (116 and 126) cover fiction, poetry, nonfiction and drama in a maximum of 13



weeks, which leaves only 3 weeks for instruction of a genre in each course. By splitting the genres into two groupings—poetry and nonfiction for one section, fiction and drama for the other—these new courses will provide 6 full weeks of instruction in each genre, thereby creating a more focused and continuous look at the genre.

CRWR 160: This is the new course that will focus on fiction and drama writing. Both our current first year creative writing courses (116 and 126) cover fiction, poetry, nonfiction and drama in a maximum of 13 weeks, which leaves only 3 weeks for instruction of a genre in each course. By splitting the genres into two groupings—poetry and nonfiction for one section, fiction and drama for the other—these new courses will provide 6 full weeks of instruction in each genre, thereby creating a more focused and continuous look at the genre.

Given that the same textbook is generally used for both the existing courses, this split also eliminates the overlap that sometimes happens with the same textbook material being covered by two professors in either semester.

The split into two groupings of genres also eliminates the schedule conflicts that occur due to our current system, with 116 being a required course for 126. Now neither course will have a prerequisite, so both courses can be offered in each semester, making it far easier for student scheduling (since they can take the courses in any semester).

Given that fiction is our most popular genre, we anticipate that by offering courses with greater focus, we will create a rise in enrolment in first year creative





writing courses as well. Also, our enrollment in first year is always at capacity—with the total seat count increased by 50 seats over the 5 sections, we can now accommodate more students.

We have also added a change in the vectors so that the course can have two delivery models. If the class is taught as a 50 seat class, there will be a one hour lecture and then the class will need to break into two separate groups in order to have workshops. The roundtable, seminar-type workshop is the basic pedagogical format of creative writing education. A large class in a lecture theatre is unable to accommodate this configuration. We have left the 3-0-0 vector in case the class is taught with a cap of 25 (common in summer session) where the lecture can be seamlessly interwoven into the workshop experience. The seminar addition to the vector in the large class is essential for booking break-out rooms for the workshop.



## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department:</b> Creative Studies  <b>Faculty Approval Date:</b> March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 2, 2013  <b>Contact Person:</b> Michael V. Smith  <b>Phone:</b> 250-807-9706  <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 470 (3/6) d Portfolio</u></b>  <u>Intensive manuscript production in one or two major genres: fiction, poetry, drama, or creative non-fiction. As students begin to shape their portfolios, they will be asked to place their work in a contemporary aesthetic context. Credit will not be granted for both CRWR 470 and CRWR 480. [3-0-0] or [1-0-2]</u>  <u>Prerequisite: 6 credits from CRWR 380, CRWR 381, CRWR 382, or CRWR 471 with a minimum grade of 72% in each of these two courses; the submission of a portfolio; and permission of the Creative Studies department. Portfolio must be submitted by May 1 for September enrolment.</u></p>	<p><b>Draft Academic Calendar URL:</b></p> <p><b>Present Academic Calendar Entry:</b></p> <p><del><b>CRWR 480 (6) Portfolio</b>  Intensive manuscript production in two major genres: fiction, poetry, drama, or creative non-fiction. As students begin to shape their portfolios, they will be asked to place their work in a contemporary aesthetic context. [3-0-0]</del></p>



**~~Prerequisite: 6 credits from CRWR 380, 381, 382, 383 with a minimum grade of 72% in each of these two courses; the submission of a portfolio; and permission of the Creative Studies department. Portfolio must be submitted by May 1 for September enrolment.~~**

**Type of Action:** Revise course: reduce to a 3 credit course and allow students to take this course twice for credit; change the course number to reflect the new change and match the other course codes at the 4XX-level; revise vectors to allow an alternate delivery method of this course.

**Rationale:** We are making changes to our fourth year creative writing options. By splitting this 480 course into 3 credits and allowing students to take it twice, we increase the variety that is available for students in their fourth year to choose what their focus will be in their last year of study.

One 3-credit offering will be required, but the second is optional, so that students are now free to choose other of our new fourth year courses (CRWR 472, 473, 474). This allows for greater flexibility with their degree. It also makes the course more manageable with a shorter term—many students are weary in their last year, and a full-year course can be daunting. This choice removes the pressure from a sustained commitment, giving students the option of not continuing in the second term if their year draws their interests to other creative writing courses.

This new split also allows for a student course evaluation, benefiting faculty, given that in the current iteration at 6 credits



taught by two professors, one each term, only the faculty member who teaches in the second semester is given student evaluations at the end of term.

We have changed the vectors to better reflect how the course is delivered: the course involves a significant amount of workshopping, group discussion or seminar, as well as other forms of non-lecture-based class time.

We have added a change in the vectors so that the course can have two delivery models. If the class is taught as a large class, there will be a one hour lecture and then the class will need to break into two separate groups in order to have workshops. The roundtable, seminar-type workshop is the basic pedagogical format of creative writing education. A large class in a lecture theatre is unable to accommodate this configuration. We have left the 3-0-0 vector in case the class is taught with a cap of 15 (the usual size for an upper level class in CRWR) where the lecture can be seamlessly interwoven into the workshop experience. The seminar addition to the vector in the large class is essential for booking break-out rooms for the workshop.



## Curriculum Proposal Form New Course/Change to Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department:</b> Creative Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 2, 2013 <b>Contact Person:</b> Michael V. Smith <b>Phone:</b> 250-807-9706 <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 471 (6) Writing of the Novel</u></b> <b><u>Advanced workshop in the writing of the novel or novella. [1-0-2]</u></b> <b><u>Prerequisite: 6 credits of 200-level Creative Writing. Third-year standing and portfolio submission (deadline: May 1) also required.</u></b> <b><u>Note: only students whose portfolios are of superior quality will be admitted.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><del><b>CRWR 383 (3/6) d Writing of the Novel</b></del> <del><b>Advanced workshop in the writing of the novel or novella. [3-0-0]</b></del> <del><b>Prerequisite: 6 credits of 200-level Creative Writing. Third-year standing and portfolio submission (deadline: May 1) also required.</b></del> <del><b>Note: only students whose portfolios are of superior quality will be admitted.</b></del></p> <p><b>Type of Action:</b> New course/discontinue course (reconsider CRWR 383 a two-term, 6-credit, 400-level course: CRWR 471).</p> <p><b>Rationale:</b> Novel writing is a long process, requiring far more time than one term. Switching the course to two terms will give students better and fuller instruction in the writing of the novel, guiding them through a longer process and moving them closer to</p>



a finished project.

Most students have asked to work on their novels in other courses, or have chosen to do the 383 novel course twice, which is not practical for those in the second iteration who are unfamiliar with the previous work. Making this full year will help that majority who wants more instruction and also will eliminate the conflicts with novels previously begun that are being used to satisfy writing requirements in other classes (such as CRWR 480).

Changing the course to fourth year allows for greater options for the students in their final year. Currently there are only 2 courses (6 credits each) that are available, making them both required by default. This switch will give the students another choice in their final year. Also, the placement of a novel in the last year of study makes more sense for such a long project, as it sets up the students well for graduating with a significant project underway, which they can continue working on into their professional writing lives.

By maintaining the prerequisites as is, with 6 credits of 200-level Creative Writing, we maintain the flexibility for those students who might prefer to do the novel in third year, which will help with any scheduling conflicts that might arise given that the course will now be two terms. The portfolio requirement to be enrolled will continue to maintain the academic quality and integrity of the course.

We have changed the vectors to better reflect how the course is delivered: the course involves a significant amount of workshopping, group discussion or seminar, as well as other forms of non-lecture-based class time.



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department:</b> Creative Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 21, 2013 <b>Contact Person:</b> Michael V. Smith <b>Phone:</b> 250-807-9706 <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 472 (3) Editing and Publishing For Creative Writing majors. Develops specialized skills in editing and publishing for success in professional practice. Course work includes experiential learning with solo and group projects. [0-2- 2]</u></b> <b><u>Prerequisite: Third-year standing.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> We are changing our fourth year options for Creative Writing. We have a course, CRWR 481, that we have been using to teach a wide variety of professionalization and community-based skills. As the classes are becoming larger and because more value is being placed on community learning, professionalization, digital, performative, cross-disciplinary and multi-media practices, we realize we need to update our program to reflect the changing nature of writing in the new century.</p> <p>Also, we wish our program to be distinguished from others by the value we place on community learning, experiential learning, and working with interdisciplinarity. We are dividing 481</p>



into three distinct courses that cover the range of the original course but with greater focus in each new category, allowing students to choose courses according to their own creative interests and aspirations . CRWR 472 Editing and Publishing is the portion focusing on professional writing industry practices.

This course is designed with vectors [0-2-2] because it is not a lecture-based course. Rather, the students are meant to do experiential, seminar, and group-type learning both in and out of the classroom. Half the class will be seminar, or learning skills, making plans, scheduling time and tasks, and assessing or improving strategies of work-to-date, etc, whereas the second half of the week they will be working outside of the classroom, in studio or in the community, on a project (or projects) involving the business of editing and publishing.





## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department:</b> Creative Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 21, 2013 <b>Contact Person:</b> Michael V. Smith <b>Phone:</b> 250-807-9706 <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 473 (3) Writing and Community Learning</u></b> <b><u>Applied community learning aspects of creative writing. Develops specialized skills for success in professional practice by working in interdisciplinary and collaborative teams with community partners. Field trips will be required. [0-2-2]</u></b> <b><u>Prerequisite: Third-year standing.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> We are changing our fourth year options for Creative Writing. We have a course, CRWR 481, that we have been using to teach a wide variety of professionalization and community-based skills. As the classes are becoming larger and because more value is being placed on community learning, professionalization, digital, performative, cross-disciplinary and multi-media practices, we realize we need to update our program to reflect the changing nature of writing in the new century.</p> <p>This course is designed with vectors [0-2-2] because it is not a lecture-based course. Rather, the students are meant to do experiential, seminar, and group-type</p>



learning both on campus and out in the community. Half the class will be learning skills, making plans, scheduling time and tasks, and assessing or improving strategies of work-to-date, whereas the second half of the week will be actually working off campus on a project (or projects) combining literary writing with community involvement.

Also, we wish our program to be distinguished from others by the value we place on community learning, experiential learning, and working with interdisciplinarity. We are dividing 481 into three distinct courses that cover the range of the original course but with greater focus in each new category, allowing students to choose courses according to their own creative interests and aspirations. CRWR 473 Writing and Community Learning is the community service or community learning feature of that course.



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department:</b> Creative Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 21, 2013 <b>Contact Person:</b> Michael V. Smith <b>Phone:</b> 250-807-9706 <b>Email:</b> <a href="mailto:michael.v.smith@ubc.ca">michael.v.smith@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 474 (3) Writing with Media</u></b> <b><u>Applied and theoretical aspects of writing with media. Develops specialized skills for working with media such as audio installations, broadcast, recordings, live performance, and video. Students will be encouraged to work in interdisciplinary and collaborative modes. [0-2-2]</u></b> <b><u>Prerequisite: Third-year standing.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> We are changing our fourth year options for Creative Writing. We have a course, CRWR 481, that we have been using to teach a wide variety of professionalization and community-based skills. As the classes are becoming larger and because more value is being placed on community learning, professionalization, digital, performative, cross-disciplinary and multi-media practices, we realize we need to update our program to reflect the changing nature of writing in the new century.</p> <p>Also, we wish our program to be distinguished from others by the value we place on community learning, experiential</p>



learning, and working with interdisciplinarity. We are dividing 481 into three distinct courses that cover the range of the original course but with greater focus in each new category, allowing students to choose courses according to their own creative interests and aspirations. CRWR 474 Writing with Media is the portion focusing on interdisciplinary practices working with audio, installations, video, and film.

This course is designed with vectors [0-2-2] because it is not a lecture-based course. Rather, the students are meant to do experiential, seminar, and group-type learning both on campus and out of the classroom. Half the class will be seminar, or learning skills, making plans, scheduling time and tasks, and assessing or improving strategies of work-to-date, etc, whereas the second half of the week they will be working outside of the classroom, in studio or in the community, on a project (or projects) combining literary writing with media.



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department/Unit:</b> Creative Studies  <b>Faculty Approval Date:</b> March 27 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> March 1, 2013  <b>Contact Person:</b> Ms. Nancy Holmes  <b>Phone:</b> 250.807.9369  <b>Email:</b> <a href="mailto:nancy.holmes@ubc.ca">nancy.holmes@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>CRWR 580 (3/6) d Graduate Workshop in Creative Writing</u></b></p> <p><b><u>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. No more than 6 credits in total will be granted for CRWR 580, IGS 580, or any combination thereof.</u></b></p> <p><b><u>Prerequisite: The submission of a portfolio and permission of the Department of Creative Studies.</u></b></p>	<p><b>Draft Academic Calendar URL:</b></p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> This workshop has been taught at the graduate level for many years but has lived under the course code IGS. This course has never fit well into the IGS program. We are proposing to move it into the CRWR program in preparation for a new non-IGS MFA degree.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department/Unit:</b> Critical Studies  <b>Faculty Approval Date:</b> March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 3, 2013  <b>Contact Person:</b> Constance Crompton  <b>Phone:</b> 250-807-8428  <b>Email:</b> <a href="mailto:constance.crompton@ubc.ca">constance.crompton@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>ENGL 201 (6) Children’s Literature and Publishing</u></b></p> <p><b><u>Two terms. An interdisciplinary examination of the intersections of children’s literature with print and online publishing, paying close attention to the social, historical, and cultural forces shaping assumptions about childhood and the production of literature for young readers across a range of historical periods. [1.5-1.5-0; 1.5-1.5-0]</u></b></p> <p><b><u>Prerequisite: Two of ENGL 112, ENGL 114, ENGL 150, ENGL 151, ENGL 153 or 6 credits of 100-level English. ENGL 112 and ENGL 114 may not both be taken for credit.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> Add interdisciplinary course that investigates intersections between Children’s Literature and Digital Humanities courses to the FCCS curriculum. This course is an introduction to children’s literature and online publishing in a humanities context, using new technologies to provide more active learning experiences for students.</p>



## Curriculum Proposal Form New Course – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department/Unit:</b> Critical Studies  <b>Faculty Approval Date:</b> March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 3, 2013  <b>Contact Person:</b> Dr. Jennifer Gustar  <b>Phone:</b> 250 807-9384  <b>Email:</b> <a href="mailto:jennifer.gustar@ubc.ca">jennifer.gustar@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>ENGL 370 (3) Interdisciplinary Theory and Literature Studies: Feminism, Gender, Sexuality</u></b></p> <p><b><u>The intersections of literary practices with feminist, gender, and sexuality studies, paying close attention to the constructions of gender and sexuality, their analysis and critique. [3-0-0]</u></b></p> <p><b><u>Prerequisite: One of CULT 210, CULT 230, CULT 270, CULT 275, ENGL 203, ENGL 209, ENGL 212, ENGL 213, ENGL 215, ENGL 220, ENGL 221, ENGL 222, ENGL 224, ENGL 226, ENGL 231, ENGL 232, ENGL 233, ENGL 234, ENGL 240, ENGL 241, ENGL 242, ENGL 243, ENGL 250, ENGL 270 or 3 credits of 200-level English.</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> Add interdisciplinary course that investigates intersections between gender, sexuality, and feminism in the context of literary studies. This adds to our theory offerings and formalizes a course already taught as special topics.</p>



## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department/Unit:</b> Critical Studies  <b>Faculty Approval Date:</b>      March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> January 16, 2012  <b>Contact Person:</b> Bernard Schulz-Cruz  <b>Phone:</b> 250-807-9379  <b>Email:</b> <a href="mailto:bernard.schulz-cruz@ubc.ca">bernard.schulz-cruz@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>SPAN 416 (3) Spanish Literature in Translation I</u></b>  <u>Peninsular Spanish poetry, drama, and short stories.</u>  <u>Available for credit toward a Major or Minor in Spanish with instructor's permission for students who read the material and undergo evaluation in Spanish. [3-0-0]</u>  <u>Prerequisite: Third-year standing.</u></p> <p><b><u>SPAN 417 (3) Spanish Literature in Translation II</u></b>  <u>Peninsular Spanish novel.</u>  <u>Available for credit toward a Major or Minor in Spanish with instructor's permission for students who read the material and undergo evaluation in Spanish. [3-0-0]</u>  <u>Prerequisite: Third-year standing.</u></p> <p><b><u>SPAN 450 (3) Hispanic Drama</u></b>  <u>The evolution of Hispanic drama throughout history and a study of its distinguishing characteristics as a distinct genre through a study of some of the most</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p>





significant plays in the repertoire. Discussions will center on the notions of form, structure, and aesthetics, as well as the political and social contexts of the play. [3-0-0]

Corequisite: SPAN 301.

**SPAN 455 (3) Hispanic Novel**

Significant Hispanic novels and their place within the larger context of Hispanic literature, both contemporary and historical. Discussions on the aesthetics of the novel and the role of the writer in society. The novels will be discussed with a focus on Spanish and Latin American history, politics, and cultural values as they are reflected in the literary works being studied. [3-0-0]

Corequisite: SPAN 301.

**Type of Action:** New courses.

**Rationale:** These new courses are the result of a thorough revision of the Spanish program. SPAN 416 and 417, which deal with peninsular Spanish literature, are being created to complement two existing courses, SPAN 310 and 311, which deal only with Latin America. Similarly, SPAN 416 and 417 (peninsular Spanish literature in translation) are being created to complement existing literature in translation courses that deal only with Latin America. The creation of these courses corrects a lacuna that existed within the program's course offerings. The Faculty intends to offer these courses on a rotating basis.



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

Category: 1 and 2

<p><b>Faculty:</b> Creative and Critical Studies <b>Department/Unit:</b> Creative Studies <b>Faculty Approval Date:</b> March 27 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> November 12, 2012 <b>Contact Person:</b> Briar Craig <b>Phone:</b> 250-807-9765 <b>Email:</b> <a href="mailto:briar.craig@ubc.ca">briar.craig@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>VISA 251 (3) Printmaking: Etching and Intaglio Processes I</u></b> <b><u>Introduction to a variety of drawing-based intaglio printing processes: etching, aquatint, engraving, and drypoint. Focus is on the development of each student's personal imagery. Credit will not be granted for both VISA 251 and VISA 263. [2-2-0]</u></b> <b><u>Prerequisite: Either (a) all of VISA 102, VISA 103 or (b) VISA 143.</u></b></p> <p><b>VISA 263 (3) Intaglio: Relief I</b> Introduction to the intaglio and relief printing processes. Exploration of a variety of techniques and a range of visual possibilities via the media of etching, engraving, drypoint, woodcut, metal relief, collograph, and monotype. Focus is on the development of each student's personal imagery. <b><u>Credit will not be granted for both VISA 263 and VISA 251.</u></b> [2-2-0] <i>Prerequisite:</i> Either (a) all of VISA 102, VISA 103 or (b) VISA 143.</p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p> <p><b>VISA 263 (3) Intaglio: Relief I</b> Introduction to the intaglio and relief printing processes. Exploration of a variety of techniques and a range of visual possibilities via the media of etching, engraving, drypoint, woodcut, metal relief, collograph, and monotype. Focus is on the development of each student's personal imagery. [2-2-0] <i>Prerequisite:</i> Either (a) all of VISA 102, VISA 103 or (b) VISA 143.</p>



**VISA 252 (3) Printmaking: Etching and Intaglio Processes II**

**Continued exploration into intaglio-based printing processes. Focus is on the development of each student's personal imagery. [2-2-0]**  
**Prerequisite: VISA 251.**

**VISA 258 (3) Printmaking: Linocut and Relief Processes I**

**Introduction to a variety of drawing-based relief printing processes: linocut/woodcut, monoprint, and collagraph. Focus is on the development of each student's personal imagery. Credit will not be granted for both VISA 258 and VISA 273. [2-2-0]**  
**Prerequisite: Either (a) all of VISA 102, VISA 103 or (b) VISA 143.**

**VISA 273 (3) Intaglio: Relief II**

Provides opportunities for students to continue their exploration of intaglio and relief printing. Advanced processes will be introduced while continuing to focus on the development of each student's personal imagery. **Credit will not be granted for both VISA 273 and VISA 258.** [2-2-0]  
*Prerequisite: VISA 263.*

**VISA 259 (3) Printmaking: Linocut and Relief Processes II**

**Continued exploration of linocut and other relief printing processes. Focus is on the development of each student's personal imagery. [2-2-0]**  
**Prerequisite: VISA 258.**

**VISA 273 (3) Intaglio: Relief II**

Provides opportunities for students to continue their exploration of intaglio and relief printing. Advanced processes will be introduced while continuing to focus on the development of each student's personal imagery. [2-2-0]  
*Prerequisite: VISA 263.*

**Type of Action:** New courses/revised courses.

**Rationale:** The printmaking area currently has facilities for four different printmaking media: lithography, intaglio (etching), relief (linocut/woodcut), and screen



printing. At the introductory (200) level there are two courses (one full year) in lithography, two courses (one full year) in screenprinting, and two courses in a combination of intaglio and relief printmaking processes. Six credits from any of these print media form the prerequisite for VISA 336 – Advanced Practice in Printmaking. We have noticed that there are more students enrolling in the 300-level courses who have taken either lithography or screenprinting (the two media areas where a full year of 200-level study is available). This proposal creates four new Introductory-level (200-level) courses – two in relief printing processes and two in intaglio printing processes. These new courses will both replace and expand on the curriculum taught in VISA 263 and VISA 273. The intention is to provide the intaglio and relief printmaking media areas with the same in-depth study at the 200-level that is currently offered to students studying lithography and screenprinting. We would indefinitely suspend offering the current courses that combine the study of Intaglio and Relief processes (VISA 263/273) in order to offer a full year of study in each of those media areas on a rotating basis. This will better prepare students to move forward into the advanced level printmaking courses.

The phrase ‘drawing-based’ has been injected into the descriptions of VISA 251 and VISA 258 in order to more accurately describe the nature of those media. This will also de-mystify these print media processes for students who will likely have never heard of relief or intaglio printing.



## Curriculum Proposal Form New Course Code – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies <b>Department/Unit:</b> Critical Studies <b>Faculty Approval Date:</b> March 27, 2013 <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 20, 2013 <b>Contact Person:</b> Constance Crompton <b>Phone:</b> 250.807.8428 <b>Email:</b> <a href="mailto:constance.crompton@ubc.ca">constance.crompton@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b> <a href="#">Homepage (draft) Course Descriptions</a> Courses by Subject Name</p> <h3 style="text-align: center;">Course Descriptions</h3> <h3 style="text-align: center;">Courses by Subject Name</h3> <p>This chapter provides an archive of courses offered by the UBC Okanagan campus. For current course sections and schedules, please visit the online <a href="#">Course Schedule</a>.</p> <p><a href="#">APSC</a> <u>Applied Science</u> <a href="#">ARTH</a> <u>Art History and Visual Culture</u> <a href="#">ASTR</a> <u>Astronomy</u> <a href="#">BIOC</a> <u>Biochemistry</u> <a href="#">BIOL</a> <u>Biology</u> <a href="#">CHEM</a> <u>Chemistry</u> <a href="#">COSC</a> <u>Computer Science</u> <a href="#">CRWR</a> <u>Creative Writing</u> <a href="#">CCS</a> <u>Creative and Critical Studies</u> <a href="#">CULT</a> <u>Cultural Studies</u> <a href="#">CUST</a> <u>Curriculum Studies</u> <b><a href="#">DIHU</a> <u>Digital Humanities</u></b> <a href="#">ECED</a> <u>Early Childhood Education</u> <a href="#">EESC</a> <u>Earth &amp; Environmental Sciences</u> <a href="#">ECON</a> <u>Economics</u> <a href="#">EDUC</a> <u>Education</u> <a href="#">EADM</a> <u>Educational Administration</u> <a href="#">EPSE</a> <u>Educational Psychology and Special</u> <a href="#">EDST</a> <u>Educational Studies</u></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> <a href="#">Homepage (draft) Course Descriptions</a> Courses by Subject Name</p> <h3 style="text-align: center;">Course Descriptions</h3> <h3 style="text-align: center;">Courses by Subject Name</h3> <p>This chapter provides an archive of courses offered by the UBC Okanagan campus. For current course sections and schedules, please visit the online <a href="#">Course Schedule</a>.</p> <p><a href="#">APSC</a> <u>Applied Science</u> <a href="#">ARTH</a> <u>Art History and Visual Culture</u> <a href="#">ASTR</a> <u>Astronomy</u> <a href="#">BIOC</a> <u>Biochemistry</u> <a href="#">BIOL</a> <u>Biology</u> <a href="#">CHEM</a> <u>Chemistry</u> <a href="#">COSC</a> <u>Computer Science</u> <a href="#">CRWR</a> <u>Creative Writing</u> <a href="#">CCS</a> <u>Creative and Critical Studies</u> <a href="#">CULT</a> <u>Cultural Studies</u> <a href="#">CUST</a> <u>Curriculum Studies</u>  <a href="#">ECED</a> <u>Early Childhood Education</u> <a href="#">EESC</a> <u>Earth &amp; Environmental Sciences</u> <a href="#">ECON</a> <u>Economics</u> <a href="#">EDUC</a> <u>Education</u> <a href="#">EADM</a> <u>Educational Administration</u> <a href="#">EPSE</a> <u>Educational Psychology and Special</u> <a href="#">EDST</a> <u>Educational Studies</u></p>



<a href="#">ETEC</a> Educational Technology	<a href="#">ETEC</a> Educational Technology
<a href="#">ENGR</a> Engineering	<a href="#">ENGR</a> Engineering
<a href="#">ENGL</a> English	<a href="#">ENGL</a> English
<a href="#">EAP</a> English for Academic Purposes	<a href="#">EAP</a> English for Academic Purposes
<a href="#">ENVI</a> Environmental Sciences	<a href="#">ENVI</a> Environmental Sciences
<a href="#">FILM</a> Film	<a href="#">FILM</a> Film
<a href="#">FREN</a> French	<a href="#">FREN</a> French
<a href="#">GWST</a> Gender and Women's Studies	<a href="#">GWST</a> Gender and Women's Studies
<a href="#">GEOG</a> Geography	<a href="#">GEOG</a> Geography
<a href="#">GERM</a> German	<a href="#">GERM</a> German
<a href="#">GERO</a> Gerontology	<a href="#">GERO</a> Gerontology
<a href="#">GREK</a> Greek	<a href="#">GREK</a> Greek
<a href="#">HEAL</a> Health Studies	<a href="#">HEAL</a> Health Studies
<a href="#">HINT</a> Health-Interprofessional	<a href="#">HINT</a> Health-Interprofessional
<a href="#">HEBR</a> Hebrew	<a href="#">HEBR</a> Hebrew
<a href="#">HIST</a> History	<a href="#">HIST</a> History
<a href="#">HMKN</a> Human Kinetics	<a href="#">HMKN</a> Human Kinetics
<a href="#">INDG</a> Indigenous Studies	<a href="#">INDG</a> Indigenous Studies
<a href="#">IGS</a> Interdisciplinary Graduate Studies	<a href="#">IGS</a> Interdisciplinary Graduate Studies
<a href="#">JPST</a> Japanese Studies	<a href="#">JPST</a> Japanese Studies
<a href="#">LLED</a> Language and Literacy Education	<a href="#">LLED</a> Language and Literacy Education
<a href="#">LATN</a> Latin	<a href="#">LATN</a> Latin
<a href="#">MGMT</a> Management	<a href="#">MGMT</a> Management
<a href="#">MGCO</a> Management Co-Op	<a href="#">MGCO</a> Management Co-Op
<a href="#">MATH</a> Mathematics	<a href="#">MATH</a> Mathematics
<a href="#">MUSC</a> Music	<a href="#">MUSC</a> Music
<a href="#">NRSG</a> Nursing	<a href="#">NRSG</a> Nursing
<a href="#">PHIL</a> Philosophy	<a href="#">PHIL</a> Philosophy
<a href="#">PHYS</a> Physics	<a href="#">PHYS</a> Physics
<a href="#">POLI</a> Political Science	<a href="#">POLI</a> Political Science
<a href="#">PSYO</a> Psychology	<a href="#">PSYO</a> Psychology
<a href="#">SOCW</a> Social Work	<a href="#">SOCW</a> Social Work
<a href="#">SOCI</a> Sociology	<a href="#">SOCI</a> Sociology
<a href="#">SPAN</a> Spanish	<a href="#">SPAN</a> Spanish
<a href="#">STAT</a> Statistics	<a href="#">STAT</a> Statistics
<a href="#">SUST</a> Sustainability	<a href="#">SUST</a> Sustainability
<a href="#">THTR</a> Theatre	<a href="#">THTR</a> Theatre
<a href="#">VGRS</a> Visiting Graduate Students	<a href="#">VGRS</a> Visiting Graduate Students
<a href="#">VURS</a> Visiting Undergraduate Research Students	<a href="#">VURS</a> Visiting Undergraduate Research Students
<a href="#">VISA</a> Visual Arts	<a href="#">VISA</a> Visual Arts





## Curriculum Proposal Form New Courses – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies  <b>Department/Unit:</b> Critical Studies  <b>Faculty Approval Date:</b> March 27, 2013  <b>Effective Session:</b> 2013W</p>	<p><b>Date:</b> February 20, 2013  <b>Contact Person:</b> Constance Crompton  <b>Phone:</b> 250.807.8428  <b>Email:</b> <a href="mailto:constance.crompton@ubc.ca">constance.crompton@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b></p> <p><b><u>DIHU 200 (3) Introduction to the Digital Humanities</u></b>  <u>Addresses the construction of digital resources in the context of humanities research. No Digital Humanities or computing experience required. [1.5-1.5-0]</u>  <u>Prerequisite: Two of ENGL 112, ENGL 114, ENGL 150, ENGL 151, ENGL 153 or 6 credits of 100-level English. ENGL 112 and ENGL 114 may not both be taken for credit.</u>  <u>Equivalency: ENGL 200.</u></p> <p><b><u>ENGL 200 (3) Introduction to the Digital Humanities</u></b>  <u>Addresses the construction of digital resources in the context of humanities research. No Digital Humanities or computing experience required. [1.5-1.5-0]</u>  <u>Prerequisite: Two of ENGL 112, ENGL 114, ENGL 150, ENGL 151, ENGL 153 or 6 credits of 100-level English. ENGL 112 and ENGL 114 may not both be taken for credit.</u>  <u>Equivalency: DIHU 200.</u></p> <p><b><u>DIHU 301 (3) The Self-Conscious Text</u></b></p>	<p><b>Draft Academic Calendar URL:</b> N/A</p> <p><b>Present Academic Calendar Entry:</b> N/A</p>





<p><b><u>Addresses computational methods for student-led humanities research, including visualizing, mapping, and encoding. No Digital Humanities or computing experience required. Credit will not be granted for both DIHU 301 and ENGL 355 when on the same topic. [1.5-1.5-0]</u></b>  <b><u>Prerequisite: Third-year standing.</u></b>  <b><u>Equivalency: ENGL 305.</u></b></p> <p><b><u>ENGL 305 (3) The Self-Conscious Text</u></b>  <b><u>Addresses computational methods for student-led humanities research, including visualizing, mapping, and encoding. No Digital Humanities or computing experience required. Credit will not be granted for both ENGL 305 and ENGL 355 when on the same topic. [1.5-1.5-0]</u></b>  <b><u>Prerequisite: Third-year standing.</u></b>  <b><u>Equivalency: DIHU 301.</u></b></p> <p><b><u>DIHU 302 (3) The Programmed World</u></b>  <b><u>Working in the context of fine arts and humanities research, students study and apply programming principles in physical and virtual environments. No Digital Humanities or computing experience required. [1.5-1.5-0]</u></b>  <b><u>Prerequisite: Third-year standing.</u></b>  <b><u>Equivalency: ENGL 306.</u></b></p> <p><b><u>ENGL 306 (3) The Programmed World</u></b>  <b><u>Working in the context of fine arts and humanities research, students study and apply programming principles in physical and virtual environments. No Digital</u></b></p>	
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<p><b><u>Humanities or computing experience required. [1.5-1.5-0]</u></b> <b><u>Prerequisite: Third-year standing.</u></b> <b><u>Equivalency: DIHU 302.</u></b></p>	<p><b>Type of Action:</b> Create new Digital Humanities (DIHU) courses that will be cross-listed as ENGL.</p> <p><b>Rationale:</b> The creation of these new courses - an introduction to Digital Humanities research and methods (DIHU200/ENGL 200) and an introduction to text encoding and data modeling in a humanities context (DIHU301/ENGL305) - follows from a new hire in Digital Humanities and English in the Critical Studies department. This new faculty member's teaching is meant to educate students about theory and practice in the emerging field of digital humanities.</p>
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## Curriculum Proposal Form Change to Program – Okanagan Campus

### Category: 1

<p><b>Faculty:</b> Creative and Critical Studies/Faculty of Arts and Sciences  <b>Department:</b> Critical Studies/Faculty of Arts and Sciences  <b>Faculty Approval Date:</b> November 29, 2011  <b>Effective Session:</b> Retroactive to 2011W</p>	<p><b>Date:</b> July 6, 2011  <b>Contact Persons:</b>  Mr. Ramine Adl  Tel : 250.807.9343  <a href="mailto:ramine.adl@ubc.ca">ramine.adl@ubc.ca</a>  Dr. Linda Hatt  Tel : 250.807.8642  <a href="mailto:linda.hatt@ubc.ca">linda.hatt@ubc.ca</a></p>
<p><b>Proposed Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Degree Requirements</a></p> <p><b>Degree Requirements</b></p> <p><b>[12398]</b> A minimum of 120 credits in university courses must be completed. For use as electives, at most 12 of the 120 credits may be from non-Arts and non-Science baccalaureate courses. <b>Note:</b> all baccalaureate courses delivered by the Faculty of Creative and Critical Studies are deemed for this purpose to be Arts courses and need not be counted as outside electives. Students must also complete at least 48 credits at the 300/400 level, of which at least 30 credits must be completed at UBC.</p>	<p><b>Draft Academic Calendar URL:</b>  <a href="http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,282,857,1084#12398">http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,282,857,1084#12398</a></p> <p><b>Present Academic Calendar Entry:</b>  <a href="#">Homepage (draft) Faculties, Schools, and Colleges Faculty of Arts and Sciences Bachelor of Arts Programs Degree Requirements</a></p> <p><b>Degree Requirements</b></p> <p><b>[12398]</b> A minimum of 120 credits in university courses must be completed. For use as electives, at most 12 of the 120 credits may be from non-Arts and non-Science baccalaureate courses. <b>Note:</b> all baccalaureate courses delivered by the Faculty of Creative and Critical Studies are deemed for this purpose to be Arts courses and need not be counted as outside electives. Students must also complete at least 48 credits at the 300/400 level, of which at least 30 credits must be completed at UBC.</p>



[...]

### [12404] Language other than English Requirement

[12405] This requirement may be satisfied by any of the following options:

#### [12406]

- successful completion of an approved Grade 12 course in a language other than English before admission to UBC Okanagan. **Note:** once the student has entered the UBC Okanagan campus B.A. program, this requirement can no longer be satisfied with senior secondary courses;

#### [15571]

- successful completion of one of the following or its equivalent. **Note:** these courses have prerequisites;

Subject	Course
French	FREN 104
German	GERM 210
Japanese	JPST 201
Spanish	SPAN 202, SPAN 204, or SPAN 252

#### [15572]

- demonstrated competency through examination in any language other than English. Demonstrated competency is defined as the ability to pass a final oral and written examination typical of a fourth-term university course where the first term is beginner-level. Students must make their own arrangements for such an

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#### [15572]

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<p>examination by a qualified instructor (e.g., a university professor who teaches the language at an accredited university). The suitability of such an instructor must be approved by the program advisor for Modern Languages before the examination is taken. Students are responsible for any fees incurred;</p> <p><b>[15573]</b></p> <ul style="list-style-type: none"> <li>students whose first language is not English may satisfy the requirement upon presentation of official transcripts indicating completion of secondary school in their first language;</li> </ul> <p><b>[15574]</b></p> <ul style="list-style-type: none"> <li>classical language option: students who successfully complete GREK 111 and 121, plus LATN 300, will be deemed to have satisfied the language requirement;</li> </ul> <p><b>[15575]</b></p> <ul style="list-style-type: none"> <li>American Sign Language: all four levels of the American Sign Language Basic Certificate offered through an accredited institution will be deemed to have satisfied the language requirement. <b>Note:</b> these courses cannot be used as credit towards the B.A. program;</li> <li><b><u>Okanagan language option: students who successfully complete both nsíylxcən I and II (NSYL 110 and NSYL 111) (Okanagan Language), offered through the Nicola Valley Institute of Technology at the En'owkin Centre or the UBC</u></b></li> </ul>	<p>examination by a qualified instructor (e.g., a university professor who teaches the language at an accredited university). The suitability of such an instructor must be approved by the program advisor for Modern Languages before the examination is taken. Students are responsible for any fees incurred;</p> <p><b>[15573]</b></p> <ul style="list-style-type: none"> <li>students whose first language is not English may satisfy the requirement upon presentation of official transcripts indicating completion of secondary school in their first language;</li> </ul> <p><b>[15574]</b></p> <ul style="list-style-type: none"> <li>classical language option: students who successfully complete GREK 111 and 121, plus LATN 300, will be deemed to have satisfied the language requirement;</li> </ul> <p><b>[15575]</b></p> <ul style="list-style-type: none"> <li>American Sign Language: all four levels of the American Sign Language Basic Certificate offered through an accredited institution will be deemed to have satisfied the language requirement. <b>Note:</b> these courses cannot be used as credit towards the B.A. program;</li> </ul>
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<p><b><u>Okanagan campus, will be deemed to have satisfied the language requirement.</u></b></p>	<p><b>Type of Action:</b> Addition of an option to satisfy the BA language requirement.</p> <p><b>Rationale:</b> This addition clarifies the BA language requirement for students coming to UBC through the Aboriginal Access Studies program, or who are transferring from either the Nicola Valley Institute of Technology (NVIT) or the En'owkin Centre, with which UBCO has a partnership agreement.</p> <p>An excerpt from the Aboriginal Access Program website here:  <a href="http://www.ubc.ca/okanagan/students/aboriginal/accessprogram.html">http://www.ubc.ca/okanagan/students/aboriginal/accessprogram.html</a></p> <p><b>En'owkin Partnership</b></p> <p>UBC's Okanagan campus works in partnership with the <a href="#">En'owkin Centre</a> to also have Aboriginal Access Studies at the En'owkin Centre in Penticton, B.C.</p> <p>As part of this relationship, the En'owkin Centre also offers the Okanagan language classes at UBC's Okanagan campus. These courses receive transfer credit and can be used towards a second language requirement.”</p> <p>However, the Academic Calendar does not give any detail as to how these courses can be used toward the language requirement.</p> <p>The requirement of 6 credits was established through consultation with the dean’s offices of both the Barber School and FCCS, as well as discussion with staff in the Aboriginal Access Studies office, and faculty at the En’owkin Centre, where the courses are offered.</p>
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6 May 2013

To: Senate

From: Senate Nominating Committee

Re: Recommendations for Senators to serve on the President's Advisory Committee President's Advisory Committee for the Selection of a New Associate Vice-President Academic & Research (Provost, Okanagan)

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As Senators are aware, a President's Advisory Committee is to be convened under Joint Board/Senate Policy #18 for the selection of a the next Provost and Vice-Principal of the Okanagan Campus. There are three positions on this committee for a Senator who is either a student or a faculty member. There is also one additional position on the committee for a Senator who is a faculty member.

A call for interested Senators to put their names forward was sent on 17 April 2013. Ten (10) Senators put their names forward and one withdrew her candidacy.

Statements of interest were requested from nine (9) Senators and seven (7) were received by the due date of April 24, 2013.

Based on their review of these statements, the Nominating Committee recommends the following:

*"That Senate appoint Drs Jan Cioe, Miriam Grant, Dwayne Tannant, and Paul van Donkelaar to serve on the President's Advisory Committee for the Selection of a New Associate Vice-President Academic & Research (Provost, Okanagan) until such time as the Committee's work is completed."*

Respectfully submitted,

Curtis Tse, Chair  
Senate Nominating Committee



6 May 2013

To: Okanagan Senate

From: Nominating Committee

Re: Appointment of Convocation Senator to Senate Committee Vacancies

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The resignation of former convocation Senator Chris Gorman left vacancies for a convocation Senator on the Academic Building and Resources Committee and the Learning and Research Committee. As Josh Byron has joined Senate as the new convocation Senator, he is able to fill these vacancies until the end of the triennium.

Therefore, the Nominating Committee recommends to Senate the following:

**Motion:** *“That Senate approve that Senator Josh Byron be appointed to fill the convocation senator vacancies on the Academic Building and Resources Committee and the Learning and Research Committee until August 31, 2014.”*

Respectfully submitted,

Curtis Tse, Chair  
Nominating Committee





6 May 2013

To: Okanagan Senate

From: Nominating Committee

Re: Senate Admissions and Awards Committee – Amendment to ex-officio membership

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The Nominating Committee has received a request from the Admissions and Awards Committee for an adjustment to its ex-officio membership. Currently, the ex-officio membership of the Senate Admissions and Awards Committee calls for a representative from each faculty as follows:

- Faculty Deans, Associate Deans or Directors (1 per Faculty, not a member when considering appeals from his or her faculty)

The Admissions and Awards Committee has considered and is in agreement with a request from the Faculty of Management that would allow a faculty member designated by the Dean represent the Faculty of Management in this capacity. The rationale for this request is that the Faculty of Management is a small faculty with a flat organizational structure. Administrative positions as ‘associate dean’ and ‘director’ do not exist in this context, creating the need for a broader consideration of representation on the Committee.

However, the Nominating Committee recognizes that other small faculties may have similar issues. At the same time, there is a need for the Admissions and Awards Committee to benefit from consistent representation and expertise from each faculty, as well as the College of Graduate Studies with respect to admissions.

Therefore, the Nominating Committee recommends to Senate the following:

**Motion:** *“That Senate approve that the membership of the Senate’s Admissions and Awards Committee be amended as set out in the attached document.”*

Respectfully submitted,

Curtis Tse, Chair  
Nominating Committee

## Admissions and Awards Committee

Responsible for recommending the following to Senate:

- Admission and transfer policies;
- Campus, Faculty, degree program, and yearly enrolment targets for new and continuing students; and
- Awards policy and approval.

Delegated authority over the following by Senate:

- Appeals of Admissions/Readmissions decisions;
- Approval of student exchange agreements with other institutions for Okanagan campus;
- Appeals of transfer credit decisions; and
- Consideration of applications for admission and transfer that are not clearly resolvable under the policies governing admission.

Composition:

### *Elected from Senate*

- Faculty Members or Deans (4)
- Students (2)
- Convocation (1)

### *Ex Officio*

- Chancellor
- President, or in his or her absence, the Deputy Vice-Chancellor
- Provost (not a member when considering appeals)
- Faculty Deans **or their designated representatives**, ~~Associate Deans or Directors~~ (1 from each Faculty, not a member when considering appeals from his or her faculty)
- **The Dean of the College of Graduate Studies or his/her designated representative** (~~faculty member~~)
- Registrar or designate (non-voting)

Quorum: 6 voting members



13 May 2013

To: Senate

From: Senate Nominating Committee

Re: Election of a Senator to serve on the Presidential Search Committee

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As Senators are aware, on 26 April the Secretary issued a call for nominations for a senator to serve on the Presidential Search Committee. Two Senators have agreed to stand for selection: Ms Laura Patterson, and Mr Curtis Tse. As there is one seat available, an election will be held under this item by secret ballot at the meeting. To help inform your vote, statements from Senators Patterson and Tse are set out below:

Laura Patterson:

I am honoured and privileged to be nominated to serve the Okanagan campus as a representative on the Presidential Search Committee. If chosen, my priorities will be to work with the committee to choose a candidate who is an experienced leader with a demonstrated record of excellence in the areas of administration, teaching, research, and community service, ideally in a dual campus university system. This person should have experience managing resources effectively and leading a university with an international reputation. In addition, I will prioritize a candidate who has proven they can facilitate the university's role in the global and local community as well as facilitate UBC's relationship with government. Finally, I will prioritize a candidate who has a vision for UBC's future that is cognisant of the needs students, faculty, staff, and British Columbia.

This committee has a great challenge to find the highest-calibre leader to guide UBC who can meet UBC's needs, and it is a great privilege to assist in this search. I would be honoured to be elected to the Presidential Search Committee, so I may continue to serve UBC Okanagan.

Curtis Tse:

Dear UBC Okanagan Senate,

As a senator that is stepping into his second term and currently on UBC's Board of Governors, I can say that I have an understanding of the Okanagan Campus and the challenges that we face. President Toope's vision of excellence in academics, pedagogy, and student life and has placed UBC on the international stage. In finding a new leader for UBC, we need to ensure that the President is committed to continued excellence in research and a student focus in academics. UBC is a unique institution which has a system wide approach to several campuses. Ensuring that we have a President which recognizes the importance of representation and consultation of all UBC stakeholders, is of the utmost importance. Having the second largest search committee in Canada, we need to make sure that our voices are heard in selecting the next leader for UBC. A leader that understands the needs of a developing campus and the importance of prioritizing resources. A leader that recognizes the challenges in today's political landscape and can continue to bring UBC to new heights. And most importantly a leader that can follow through in the vision and values of UBC and our motto "tuum est".

9 May 2013

To: Senate

From: Laura Patterson, Chair, Senate Agenda Committee & Lisa Collins, Registrar Pro Tem.

Re: Background Information for Senate Discussion on Senate Operations

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The Senate Agenda Committee has approved a discussion item for this month's Senate meeting. That discussion – on the operations of Senate over the past two years – is to help inform the Senate Nominating Committee and the Senate in its consideration of Senate's organization and effectiveness as part of next year's regular triennial review. The Agenda Committee has suggested that – time and enthusiasm permitting – 30 minutes be devoted to this discussion.

In consultation with the Committee, the Registrar would suggest that Senators focus their thoughts on the following topics:

- 1) Has Senate been effective in its mandate for the academic governance of the Okanagan campus?
- 2) Is the membership, organization and committee structure of Senate optimal?
- 3) Does Senate have any structural or systemic problems that should be addressed?

The following background reading may be of interest on this topic:

Provincial Senate documents (Committee Structure, Membership, Rules, etc):

Okanagan Senate

<http://senate.ubc.ca/okanagan/>

Vancouver Senate

<http://senate.ubc.ca/vancouver>

Simon Fraser University Senate

<http://www.sfu.ca/senate.html>

University of Victoria Senate

<https://www.uvic.ca/universitysecretary/senate/>

University of Northern British Columbia Senate

<http://www.unbc.ca/governance/senate>

*University Act* of the Province of British Columbia:

[http://www.bclaws.ca/EPLibraries/bclaws\\_new/document/ID/freeside/00\\_96468\\_01](http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/00_96468_01)

Senators may also be interested in a recent paper that provides a fairly comprehensive reference to recent literature and a survey on related topics:

Lee Pennock, Glen A. Jones, Jeff M. Leclerc, Sharon X. Li. *Academic Senate and*

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*University Governance in Canada: Changes in Structure and Perceptions of Senate Members (2012)*

[http://athena.uwindsor.ca/units/senate/main.nsf/982f0e5f06b5c9a285256d6e006cff78/abb097bf5d4b51685257b2000534572/\\$FILE/Sa130308-5.7a-b%20Combined%20Academic%20Governance%20at%20Canadian%20Universities%20Survey.pdf](http://athena.uwindsor.ca/units/senate/main.nsf/982f0e5f06b5c9a285256d6e006cff78/abb097bf5d4b51685257b2000534572/$FILE/Sa130308-5.7a-b%20Combined%20Academic%20Governance%20at%20Canadian%20Universities%20Survey.pdf)