

# THE UNIVERSITY OF BRITISH COLUMBIA | OKANAGAN



## OKANAGAN SENATE SECRETARIAT

### Enrolment Services

#### Senate and Curriculum Services

3333 University Way

Kelowna, BC · V1V 1V7

Tel: (250) 807-9619 · Fax: (250) 807-8007

[www.senate.ubc.ca](http://www.senate.ubc.ca)

**27 January 2010**

**To: Okanagan Senate**

**From: Senate Curriculum Committee**

**Subject: January Curriculum Proposals (approval)**

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The Senate 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 programs and courses brought forward by the Faculties of Applied Science, Arts and Sciences, Creative and Critical Studies, Education, and Health and Social Development as set out in the attached proposals.*

Respectfully submitted,  
Dr. Robert Campbell  
Chair, Curriculum Committee



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Attached please find the following for your consideration:

**Faculty of Applied Science**

1. The following change to an existing credential:
  - a. “Co-operative Education Program” on B.A.Sc. Degree Parchment
2. The following new courses:
  - b. ENGR 452 (3) Electronic Materials and Devices
  - c. ENGR 459 (3) Advanced Electromagnetics
  - d. ENGR 502 (3) Technical Communication for Engineering Research
  - e. ENGR 505 (3) Social Cost-Benefit Analysis in Engineering Projects
  - f. ENGR 522 (3) Advanced Design of Steel Structures
  - g. ENGR 523 (3) Seismic Design of Buildings
  - h. ENGR 552 (3) Electronic Materials and Devices
  - i. ENGR 555 (3) Advanced Electronic Materials and Devices
  - j. ENGR 559 (3) Advanced Electromagnetics
  - k. ENGR 561 (3) Noise: Theory and Modelling
  - l. VURS 499 (0) Visiting Undergraduate Research Students

**Faculty of Arts and Sciences**

3. The following new and revised programs:
  - a. Biochemistry Major
  - b. Philosophy, Politics, and Economics (PPE) Law Option
4. The following new courses:
  - c. BIOC 408 (3) Enology II
  - d. PHIL 235 (3) Contemporary Moral Issues

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

5. The following new course:
  - a. VISA 090 Safety Training

### **From the Faculty of Education**

6. The following new programs and related courses:
  - a. Early Learning Post-Baccalaureate Program
  - b. ECED 405 (3) Foundations of Early Childhood Education
  - c. ECED 416 (3) Kindergarten Curriculum
  - d. ECED 420 (3) History of Early Childhood Education
  - e. ECED 421 (3) Supporting Young Children through Home, School, and Community Relationships
  - f. ECED 438 (3) Observation and Recording
  - g. ECED 440 (3) Play and Early Childhood Education
  - h. ECED 441 (3) Language Nests in Early Learning
  - i. ECED 443 (3) Theories of Early Learning
  - j. ECED 444 (3) Early Numeracy
  - k. ECED 445 (3) Poverty, Child Development, and Early Learning
  - l. ECED 463 (3) Early Language and Literacy Development
  - m. ECED 480 (3/6) d Special Topics in Early Childhood Education
  - n. Language and Literacy Post-Baccalaureate Program
  - o. LLED 441 (3) Introduction to Teaching Children's Literature
  - p. LLED 449 (3) Teaching Adolescents' Literature
  - q. LLED 450 (3) Teaching and Learning Language and Literacy: Kindergarten and Primary Grades
  - r. LLED 451 (3) Teaching and Learning Language and Literacy: Intermediate and Middle Grades
  - s. LLED 452 (3) Literacy in the Content Areas: Intermediate and Secondary
  - t. LLED 460 (3) Theoretical Foundations and Research in English Language Arts Education
  - u. LLED 461 (3) Assessment of Literacy and Learning
  - v. LLED 463 (3) Early Language and Literacy Development
  - w. LLED 464 (3) Literacy for Diverse Learners in the Elementary Grades
  - x. LLED 465 (3) Literacy for Diverse Learners in Middle and Secondary Grades
  - y. LLED 466 (3) ESL and Literacy Education
  - z. LLED 467 (3) Drama in English Language Arts Education
  - aa. LLED 468 (3) Language, Literacy, and Numeracy
  - bb. LLED 481 (3) Digital Media in English Language Arts Education
  - cc. LLED 490 (3/6) d Special Topics in Language and Literacy Education

**From the Faculty of Health and Social Development**

7. The following new courses:
  - a. NRSG 320 (3) Health and Healing VI: Global Health Issues
  - b. NRSG 322 (3) Professional Practice IV: Nursing Inquiry



**27 January 2010**

**To: Senate Curriculum Committee**

**From: Faculty of Applied Science – School of Engineering**

**Re: Change to UBC Bachelor of Applied Science degree parchment for students in the Faculty of Applied Science**

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The Faculty of Applied Science recommends to the Senate Curriculum Committee followed by Senate the approval of a proposal from the Faculty of Applied Science to add a third line on the Bachelor of Applied Science degree parchment for Co-operative students the following words “Co-operative Education Program”. Please see the attached proposal for more information.

Respectfully submitted,  
Dwayne Tannant, Ph.D., P.Eng.  
Chair, School of Engineering Curriculum Committee



## BACKGROUND & RATIONALE

Currently the parchment for the B.A.Sc. degree uses only two lines (of the three lines available) to describe the degree and states only “Bachelor of Applied Science in (the appropriate field of study - e.g., Mechanical Engineering)”. Students in Applied Science have expressed, through the Engineering Co-op Student Advisory Council, their desire to see participation in the Engineering Co-op Program identified on their parchments. The area of study now pursued would go beyond the level of detail envisioned by Senate when it set out provisions for modifying the parchment in 1997. *Therefore*, whereas Senate has allowed for faculty that wish to change what appears on the parchment for an existing degree to make a proposal to the Senate Curriculum Committee for consideration and approval by Senate, *and whereas* Senate has allowed for “inclusion of information about the field of study” on the second line of the parchment (recommendation #8 of the report on Degree Names and Parchments, approved by Senate on October 15, 1997), *and whereas* Senate similarly allowed for “information in addition to the degree name and field of study” to appear on the third line of the parchment, such as “Co-operative Education Program” (recommendation #9 of the report on Degree Names and Parchments, approved by the Senate on October 15, 1997), the Faculty of Applied Science is requesting the addition of “Co-operative Education Program” on the parchment for the Okanagan degree as it will then be in line with the Vancouver degree.

## PROPOSAL

**The Faculty of Applied Science respectfully requests approval to use all three available lines on the parchment, as follows:**

- **Line 1: Bachelor of Applied Science (unchanged)**
- **Line 2: Field of Study, as described above (unchanged)**
- **Line 3: Other information, specifically “Co-operative Education Program” as described below and proposed to the Senate Curriculum Committee.**

## EXPLANATION

### ***Line 3: Other Information***

“Co-operative Education Program” should appear on the parchment to acknowledge a significant component of a graduate’s educational experience which amounts from four (16 months) to five (20 months) terms without contributing to the academic credits required for the B.A.Sc. degree. The office of Engineering Co-op determines when the requirements for the designation have been met; a minimum of four terms, of which one will be in each of the winter, summer, and fall terms, whereby students have achieved a passing grade will entitle the students to graduate with co-op standing and have “Co-operative Education Program” added to the third line of the parchment.

Line three, therefore, may be blank, or if a student graduates with co-op standing may include “Co-operative Education Program” on the parchment as appropriate.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 3, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> November 3, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> dwayne.tannant@ubc.ca
<b>Proposed Calendar Entry:</b>  <u><b>ENGR 452 (3) Electronic Materials and Devices</b></u> <u><b>Review of elementary materials science concepts; electrical and thermal conduction in solids; elementary quantum physics; modern theory of solids; semiconductors; semiconductor devices. Credit will not be granted for both ENGR 452 and ENGR 552. [3-0-1]</b></u> <u><b>Prerequisite: ENGR 353.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>   <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is added to support the fourth-year curriculum for the Bachelor of Applied Science program in Electrical Engineering.  Note: this course will be cross-listed with ENGR 552.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

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<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 3, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> November 3, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <u><b>ENGR 459 (3) Advanced Electromagnetics</b></u> <u><b>Electromagnetic waves; Maxwell</b></u> <u><b>equations; plane-wave propagation</b></u> <u><b>in homogeneous media; reflection,</b></u> <u><b>transmission, guidance, and</b></u> <u><b>resonance; radiation; scattering;</b></u> <u><b>and special relativity. Credit will not</b></u> <u><b>be granted for both ENGR 459 and</b></u> <u><b>ENGR 559. [3-0-0]</b></u> <u><b>Prerequisite: ENGR 365.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is added to support the fourth-year curriculum for the Bachelor of Applied Science programs in Electrical Engineering.  <b>Note:</b> this course will be cross-listed with ENGR 559.





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<b>Proposed Calendar Entry:</b>  <b><u>ENGR 502 (3) Technical Communication for Engineering Research</u></b> <b><u>Strategies for clear, effective, and ethical technical communication (both written and oral). Tools and formatting for graphics, technical reports, proposals, journal papers, theses. Pass/Fail.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is being added to support the M.Eng., M.A.Sc., and Ph.D. programs in the School of Engineering within the Faculty of Applied Science. It will be an optional course available to all graduate students.

**UBC Okanagan Curriculum Proposal Form  
New or Change to Course or Program****Category: 1**

<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 3, 2009 <b>Effective Session:</b> 2009W	<b>Date:</b> November 3, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <b><u>ENGR 505 (3) Social Cost-Benefit Analysis in Engineering Projects</u></b> <b><u>Advanced topics in engineering economics, with emphasis on sustainability and social cost-benefit analyses.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> The creation of a new graduate course will strengthen and diversify the course selection available for graduate students in the School of Engineering, Faculty of Applied Science.

**UBC Okanagan Curriculum Proposal Form  
New or Change to Course or Program****Category: 1**

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<b>Proposed Calendar Entry:</b>  <b><u>ENGR 522 (3) Advanced Design of Steel Structures</u></b> <b><u>Behaviour and design of steel structures, members, and cross sections in accordance with limit states principles. Behaviour and design of braced frames and moment resisting frames. Second-order analysis of frames. Load path concepts for detailing connections.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> The creation of a new graduate course will strengthen and diversify the course selection available for M.A.Sc., M. Eng., and Ph. D. students in Civil Engineering.

**UBC Okanagan Curriculum Proposal Form  
New or Change to Course or Program****Category: 1**

<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 3, 2009 <b>Effective Session:</b> 2009W	<b>Date:</b> November 3, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <b><u>ENGR 523 (3) Seismic Design of Buildings</u></b> <b><u>Review on structural dynamics and response spectra; seismic design of steel and masonry buildings; seismic design of reinforced concrete structures; design using simplified code procedures and computer tools.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> Creation of a new graduate course will strengthen and diversify the course selection available for graduate students. This course is also required for civil engineering students wishing to obtain a Structural Engineering designation under APEGBC.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 26, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> November 26, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <u><b>ENGR 552 (3) Electronic Materials and Devices</b></u> <u><b>Review of elementary materials science concepts; electrical and thermal conduction in solids; elementary quantum physics; modern theory of solids; semiconductors; semiconductor devices. Credit will not be granted for both ENGR 552 and ENGR 452.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is being added to support the M.Eng., M.A.Sc., and Ph.D. programs in Electrical Engineering at the School of Engineering within the Faculty of Applied Science.  Note: this course will be cross-listed with ENGR 452.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty/School:</b> Applied Science <b>Department/Unit:</b> School of Engineering <b>School Approval Date:</b> Nov. 26, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> November 26, 2009 <b>Contact Person:</b> Dwayne Tannant <b>Phone:</b> 250.807.8067 <b>Email:</b> <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <b><u>ENGR 555 (3) Advanced Electronic Materials and Devices</u></b> <b><u>Dielectric materials and insulators; magnetic properties of materials and superconductivity; optical properties of materials; frontiers in electronic materials research.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is being added to support the M.Eng., M.A.Sc., and Ph.D. programs in Electrical Engineering at the School of Engineering within the Faculty of Applied Science.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

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<b>Proposed Calendar Entry:</b>  <u><b>ENGR 559 (3) Advanced Electromagnetics</b></u> <u><b>Electromagnetic waves; Maxwell</b></u> <u><b>equations; plane-wave propagation</b></u> <u><b>in homogeneous media; reflection,</b></u> <u><b>transmission, guidance, and</b></u> <u><b>resonance; radiation; scattering;</b></u> <u><b>modern applications of</b></u> <u><b>electromagnetic theory in photonic</b></u> <u><b>devices such as lasers, electro-</b></u> <u><b>optics, and advanced materials.</b></u> <u><b>Credit will not be granted for both</b></u> <u><b>ENGR 559 and ENGR 459.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>     <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is added to support the M.Eng., M.A.Sc., and Ph.D. programs in the School of Engineering, Faculty of Applied Science.  <b>Note:</b> this course will be cross-listed with ENGR 459.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

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<b>Proposed Calendar Entry:</b>  <u><b>ENGR 561 (3) Noise: Theory and Modelling</b></u> <u><b>Theory and modelling of noise and</b></u> <u><b>interference in a broad range of</b></u> <u><b>applications including</b></u> <u><b>communication systems, electronic</b></u> <u><b>devices, electronic circuits,</b></u> <u><b>quantization in analog to digital</b></u> <u><b>conversion, and gas/plasma</b></u> <u><b>sources.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>    <b>Type of Action:</b> New course.  <b>Rationale:</b> This new course is being added to support the M.Eng., M.A.Sc., and Ph.D. programs in Electrical Engineering at the School of Engineering within the Faculty of Applied Science.





## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

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<b>Proposed Calendar Entry:</b>  <b><u>VURS 499 (0) Visiting Undergraduate Research Students</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> The UBC Vancouver Calendar has VURS 499 to facilitate participation of visiting undergraduate students for short-term research projects. We are proposing a parallel course to facilitate a similar program at UBC Okanagan.  The visiting undergraduate students are classified as non-degree seeking students and are not allowed to register or audit any courses. Therefore, there will be no budgetary impacts.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

**Category: 1**

<p><b>Faculty:</b> Arts and Sciences  <b>Unit/Dept.:</b> Biology and Chemistry  <b>Faculty Approval Date:</b> Nov. 16, 2009  <b>Effective Session:</b> 2009W</p>	<p><b>Date:</b> August 24, 2009  <b>Contact Person:</b> J. Boon/C. Saucier  <b>Phone:</b> 250.807.9545/250.807.8645  <b>Email:</b> <a href="mailto:joyce.boon@ubc.ca">joyce.boon@ubc.ca/</a>  <a href="mailto:cedric.saucier@ubc.ca">cedric.saucier@ubc.ca/</a></p>																																								
<p><b>Proposed Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Arts and Sciences</a> &gt; <a href="#">Bachelor of Science Programs</a> &gt; <a href="#">Biochemistry</a></p> <p><b>[12218] Major in Biochemistry</b></p> <p>[...]</p> <p><b>[12219]</b> The Major is structured to meet the requirements of a major in Science and will <b>normally</b> take four years. <b><u>Completion of the co-op program for the Wine Option requires an additional term.</u></b></p> <p><b>[12220]</b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #4f81bd; color: white;"> <th style="text-align: left;">First and Second Years</th> <th style="text-align: left;">Credits</th> </tr> </thead> <tbody> <tr><td>BIOL 116, 125</td><td>6</td></tr> <tr><td>CHEM 111, 113; or CHEM 121, 123</td><td>6</td></tr> <tr><td>MATH 100, 101</td><td>6</td></tr> <tr><td>PHYS 112, 122; or PHYS 111, 102</td><td>6</td></tr> <tr><td>Two of ENGL 112, 113, 114, 150, 151, 153</td><td>6</td></tr> <tr><td>BIOL 200</td><td>3</td></tr> <tr><td>BIOL 228</td><td>3</td></tr> <tr><td>CHEM 203, 204</td><td>6</td></tr> <tr><td>CHEM 201</td><td>3</td></tr> </tbody> </table>	First and Second Years	Credits	BIOL 116, 125	6	CHEM 111, 113; or CHEM 121, 123	6	MATH 100, 101	6	PHYS 112, 122; or PHYS 111, 102	6	Two of ENGL 112, 113, 114, 150, 151, 153	6	BIOL 200	3	BIOL 228	3	CHEM 203, 204	6	CHEM 201	3	<p><b>Draft Calendar URL:</b>  <a href="http://okanagan.students.ubc.ca/calendar/pr_oof/edit/index.cfm?tree=18,282,858,1069">http://okanagan.students.ubc.ca/calendar/pr_oof/edit/index.cfm?tree=18,282,858,1069</a></p> <p><b>Present Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Arts and Sciences</a> &gt; <a href="#">Bachelor of Science Programs</a> &gt; <a href="#">Biochemistry</a></p> <p><b>[12218] Major in Biochemistry</b></p> <p>[...]</p> <p><b>[12219]</b> The Major is structured to meet the requirements of a major in Science and will take four years.</p> <p><b>[12220]</b></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #4f81bd; color: white;"> <th style="text-align: left;">First and Second Years</th> <th style="text-align: left;">Credits</th> </tr> </thead> <tbody> <tr><td>BIOL 116, 125</td><td>6</td></tr> <tr><td>CHEM 111, 113; or CHEM 121, 123</td><td>6</td></tr> <tr><td>MATH 100, 101</td><td>6</td></tr> <tr><td>PHYS 112, 122; or PHYS 111, 102</td><td>6</td></tr> <tr><td>Two of ENGL 112, 113, 114, 150, 151, 153</td><td>6</td></tr> <tr><td>BIOL 200</td><td>3</td></tr> <tr><td>BIOL 228</td><td>3</td></tr> <tr><td>CHEM 203, 204</td><td>6</td></tr> <tr><td>CHEM 201</td><td>3</td></tr> </tbody> </table>	First and Second Years	Credits	BIOL 116, 125	6	CHEM 111, 113; or CHEM 121, 123	6	MATH 100, 101	6	PHYS 112, 122; or PHYS 111, 102	6	Two of ENGL 112, 113, 114, 150, 151, 153	6	BIOL 200	3	BIOL 228	3	CHEM 203, 204	6	CHEM 201	3
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Arts electives	6	Arts electives	6
		<b>Science electives</b>	<b>6</b>
<b>General Option</b>		<b>General Option</b>	
One of CHEM 211, <b>BIOL 202</b> , STAT 230, MATH 200	3	One of CHEM 211, STAT 230, MATH 200	3
<b>Science electives</b>	<b>6</b>		
<b>Medical Option</b>		<b>Medical Option</b>	
<b>One of CHEM 211, BIOL 202, STAT 230, MATH 200</b>	<b>3</b>		
Science electives	6	Science elective	3
<b>Wine Option</b>		<b>Wine Option</b>	
BIOL 210	3	BIOL 210	3
<b>CHEM 211</b>	<b>3</b>		
<b>Science elective</b>	<b>3</b>		
Total Credits	60	Total Credits	60
<b>Third and Fourth Years</b>		<b>Third and Fourth Years</b>	
BIOC 304, 305	6	BIOC 304, 305	6
BIOL 365, 366	6	BIOL 365, 366	6
BIOC 393	3	BIOC 393	3
		<b>BIOC 402<sup>†</sup></b>	<b>3</b>
		<b>BIOC 405<sup>†</sup></b>	<b>3</b>
		<b>BIOC 410<sup>†</sup></b>	<b>3</b>
		<b>BIOC 493</b>	<b>3</b>
Arts electives	6	Arts electives	6
		<b>Electives<sup>2</sup></b>	<b>12</b>
<b>General Option</b>		<b>General Option</b>	
<b>Four of BIOC 402, 403, 405, 410, 420</b>	<b>12</b>	BIOC 403	3
<b>BIOC 493<sup>1</sup></b>	<b>3</b>		
CHEM 304	3	CHEM 304	3
CHEM 305	3	CHEM 305	3
CHEM 333	3	CHEM 333	3
CHEM 335	3	CHEM 335	3
<b>Electives<sup>2</sup></b>	<b>12</b>		
<b>Medical Option</b>		<b>Medical Option</b>	
BIOC 308, 309	6	BIOC 308, 309	6
<b>Two of BIOC 402, 403, 405, 410</b>	<b>6</b>		
BIOC 407	3	BIOC 407	3
<b>BIOC 493<sup>1</sup></b>	<b>3</b>		



BIOL 314	3	BIOL 314	3
CHEM 304	3	CHEM 304	3
CHEM 305	3	CHEM 305	3
<b><u>Electives<sup>2</sup></u></b>	<b><u>12</u></b>		
<b>Wine Option</b>		<b>Wine Option</b>	
		<b><del>BIOC 306</del></b>	<b><del>3</del></b>
BIOC 307	3	BIOC 307	3
BIOC 310	3	BIOC 310	3
<b><u>Four of BIOC 402, 403, 405, 410, 420</u></b>	<b><u>12</u></b>	<b><del>BIOC 403</del></b>	<b><del>3</del></b>
<b><u>BIOC 408</u></b>	<b><u>3</u></b>		
<b><u>BIOC 493<sup>1</sup></u></b>	<b><u>3</u></b>		
BIOL 380	3	BIOL 380	3
<b><u>Electives<sup>2</sup></u></b>	<b><u>12</u></b>		
<b><u>Wine Option with Co-op<sup>3</sup></u></b>			
<b><u>BIOC 307</u></b>	<b><u>3</u></b>		
<b><u>BIOC 310</u></b>	<b><u>3</u></b>		
<b><u>Four of BIOC 402, 403, 405, 410, 420</u></b>	<b><u>12</u></b>		
<b><u>BIOC 408</u></b>	<b><u>3</u></b>		
<b><u>One of BIOC 448, 493</u></b>	<b><u>3</u></b>		
<b><u>BIOL 380</u></b>	<b><u>3</u></b>		
<b><u>Electives<sup>2</sup></u></b>	<b><u>12</u></b>		
Total Credits	60	Total Credits	60
Minimum credits for degree	120	Minimum credits for degree	120
<sup>1</sup> <b><u>BIOC 493 (Biotechnology Laboratory) can be replaced by BIOC 448, a 6-credit lab-based directed studies course, though students may take both. Note: BIOC 393 and 493 are equivalent to BIOL 393 and 493 and credit will not be granted for both.</u></b>		<sup>1</sup> <b><del>Students in the Medical Option are required to take two of BIOC 402, 405, 410.</del></b>	
<sup>2</sup> Recommended electives for students in the Medical Biochemistry Option are BIOL 312 (Virology) and BIOL 318 (Immunology).		<sup>2</sup> Recommended electives for students in the Medical Biochemistry Option are BIOL 312 (Virology) and BIOL 318 (Immunology). <b>Note: <del>BIOC 493 is equivalent to BIOL 493.</del></b>	
<sup>3</sup> <b><u>Academic performance and suitability for the work environment will be the selection criteria used for program admission. At least three work terms are required for graduation.</u></b>		[...]	
[...]			



	<p><b>Type of Action:</b></p> <ol style="list-style-type: none"> <li>1. Change the wine biochemistry option to remove a third-year course (BIOC 306), and replace it with a fourth-year course (BIOC 408). Adjust program to reflect this.</li> <li>2. Add the option of a special topics course (BIOC 420)</li> <li>3. Add a co-op option to the wine biochemistry major.</li> <li>4. Change the emphasis on the biotech lab (BIOC 493) for wine biochemistry majors who choose to do the co-op option and emphasize a directed studies course (3 or 6 credits).</li> <li>5. Rearrange the listings to make them more user friendly.</li> </ol> <p><b>Rationale:</b></p> <ol style="list-style-type: none"> <li>1. We have just hired a new wine biochemist who would like to change the major to remove BIOC 306, redevelop BIOC 307 as Enology I and add BIOC 408 as Enology II. (this course is being offered as a CHEM directed topics CHEM 422L in the second semester.)</li> <li>2. A special topics course should be available in the BIOC major to accommodate development of new courses by incoming faculty.</li> <li>3. Dr. Saucier has discussed a co-op option with many people in the wine industry and there is wide-spread support for this development, which will give students in the Wine BIOC stream a chance to work in the wineries, and increase their chances of employment after graduation. The co-op option would be organized as follows: <ul style="list-style-type: none"> <li>• First year (Sept to May) at UBCO</li> <li>• Second year (Sept to May) at UBCO</li> <li>• Summer work term (May to August) (this work term can be delayed)</li> <li>• Third year (Sept to May) at UBCO</li> <li>• <b>Summer work term (May to</b></li> </ul> </li> </ol>
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	<p><b>August)</b></p> <ul style="list-style-type: none"> <li>• <b>Fall work term (Sept to Dec)</b></li> <li>• 4<sup>th</sup> year (term one) (Jan to May)</li> <li>• Summer work term (May to August) (if not completed earlier)</li> <li>• 4<sup>th</sup> year (term 2) (Sept to Dec)</li> </ul> <p>5. Students have indicated that they have trouble understanding which courses are required for each of the options in biochemistry. This proposal simplifies the listings.</p>
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## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

### Category: 1

<p><b>Faculty:</b> Arts and Sciences  <b>Dept./Unit:</b> Political Science  <b>Faculty Approval Date:</b> Nov. 16, 2009  <b>Effective Session:</b> 2010W</p>	<p><b>Date:</b> September 14, 2009  <b>Contact Person:</b> Carl C. Hodge  <b>Phone:</b> 250.807.9321  <b>Email:</b> <a href="mailto:carl.hodge@ubc.ca">carl.hodge@ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Arts and Sciences</a> &gt; <a href="#">Bachelor of Arts Programs</a> &gt; Philosophy, Politics, and Economics (PPE)</p> <p><b>[14640] Major in Philosophy, Politics, and Economics (PPE)</b></p> <p><b>[14638]</b> <i>An interdisciplinary degree program at UBC Okanagan.</i></p> <p><b>[14637] Note:</b> UBC Okanagan offers other interdisciplinary programs - including the <a href="#">Major in International Relations</a>, the <a href="#">Major in Latin American Studies</a>, and the <a href="#">Minor in Gender and Women's Studies</a> - as well as Major programs in <a href="#">Economics</a>, <a href="#">Philosophy</a>, and <a href="#">Political Science</a>.</p> <p><b>[14641]</b> The Major in Philosophy, Politics, and Economics (PPE) is intended to provide a focused education in the economic, political, and philosophical issues facing Canadians. The program, jointly offered by Economics, Political Science, and Philosophy, is based on the PPE degree offered by Oxford University.</p> <p><b>[14642]</b> The PPE Major is recommended for students who wish to pursue a career in business or government, or those who intend to undertake studies in law, business, commerce, journalism, social work, education, or public administration.</p> <p><b>[14643]</b> To be admitted to the PPE program students must:</p> <p style="text-align: center;"><b>[14644]</b></p>	<p><b>Draft Calendar URL:</b>  <a href="http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,857,1255">http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,857,1255</a></p> <p><b>Present Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Arts and Sciences</a> &gt; <a href="#">Bachelor of Arts Programs</a> &gt; Philosophy, Politics, and Economics (PPE)</p> <p><b>[14640] Major in Philosophy, Politics, and Economics (PPE)</b></p> <p><b>[14638]</b> <i>An interdisciplinary degree program at UBC Okanagan.</i></p> <p><b>[14637] Note:</b> UBC Okanagan offers other interdisciplinary programs - including the <a href="#">Major in International Relations</a>, the <a href="#">Major in Latin American Studies</a>, and the <a href="#">Minor in Gender and Women's Studies</a> - as well as Major programs in <a href="#">Economics</a>, <a href="#">Philosophy</a>, and <a href="#">Political Science</a>.</p> <p><b>[14641]</b> The Major in Philosophy, Politics, and Economics (PPE) is intended to provide a focused education in the economic, political, and philosophical issues facing Canadians. The program, jointly offered by Economics, Political Science, and Philosophy, is based on the PPE degree offered by Oxford University.</p> <p><b>[14642]</b> The PPE Major is recommended for students who wish to pursue a career in business or government, or those who intend to undertake studies in law, business, commerce, journalism, social work, education, or public administration.</p> <p><b>[14643]</b> To be admitted to the PPE program students must:</p> <p style="text-align: center;"><b>[14644]</b></p>



<ul style="list-style-type: none"> <li>complete no <b>fewer</b> than 30 but not more than 90 credits towards a B.A. program with an overall average of at least 65%;</li> <li>satisfy the Faculty of Arts and Sciences English requirement; and</li> <li>receive permission from the coordinator of the PPE program.</li> </ul> <p><b>[14645]</b> Admission is by formal application to the coordinator of the PPE program.</p> <p><b>[14646]</b> Students in the PPE program are required to take a common set of first- and second-year courses. They must also choose one of <b>four</b> options.</p> <p><b>[14647] First and Second Years</b> <b>[14648]</b></p> <ul style="list-style-type: none"> <li>ECON 101, 102;</li> <li>One of ECON 204, 205;</li> <li>One of PHIL 111, 121;</li> <li>One of PHIL 120, 220;</li> <li>PHIL 230;</li> <li>POLI 101, 220, 240;</li> <li>STAT 121.</li> </ul> <p><b>[14649] Third and Fourth Years</b></p> <p><b>[14650]</b> At the third- and fourth-year levels, students must choose to emphasize either Economics (Option A), Political Science (Option B), Philosophy (Option C), <b>or Law (Option D).</b></p> <p><b>[14651] Option A: Economics Emphasis</b> <b>[14652]</b></p> <ul style="list-style-type: none"> <li>ECON 497;</li> <li>18 upper-level credits in Economics (in addition to ECON 497);</li> <li>12 upper-level credits in Political Science;</li> <li>12 upper-level credits in Philosophy;</li> <li>3 credits from any upper-level course.</li> </ul> <p><b>[14653] Option B: Political Science Emphasis</b> <b>[14654]</b></p> <ul style="list-style-type: none"> <li>POLI 497;</li> <li>18 upper-level credits in Political</li> </ul>	<ul style="list-style-type: none"> <li>complete no <b>less</b> than 30 but not more than 90 credits towards a B.A. program with an overall average of at least 65%;</li> <li>satisfy the Faculty of Arts and Sciences English requirement; and</li> <li>receive permission from the coordinator of the PPE program.</li> </ul> <p><b>[14645]</b> Admission is by formal application to the coordinator of the PPE program.</p> <p><b>[14646]</b> Students in the PPE program are required to take a common set of first- and second-year courses. They must also choose one of <b>three</b> options, <del>each of which places an emphasis on one of the three core disciplines.</del></p> <p><b>[14647] First and Second Years</b> <b>[14648]</b></p> <ul style="list-style-type: none"> <li>ECON 101, 102;</li> <li>One of ECON 204, 205;</li> <li>One of PHIL 111, 121;</li> <li>One of PHIL 120, 220;</li> <li>PHIL 230;</li> <li>POLI 101, 220, 240;</li> <li>STAT 121.</li> </ul> <p><b>[14649] Third and Fourth Years</b></p> <p><b>[14650]</b> At the third- and fourth-year levels, students must choose to emphasize either Economics (Option A), Political Science (Option B), <del>or</del> Philosophy (Option C).</p> <p><b>[14651] Option A: Economics Emphasis</b> <b>[14652]</b></p> <ul style="list-style-type: none"> <li>ECON 497;</li> <li>18 upper-level credits in Economics (in addition to ECON 497);</li> <li>12 upper-level credits in Political Science;</li> <li>12 upper-level credits in Philosophy;</li> <li>3 credits from any upper-level course.</li> </ul> <p><b>[14653] Option B: Political Science Emphasis</b> <b>[14654]</b></p> <ul style="list-style-type: none"> <li>POLI 497;</li> <li>18 upper-level credits in Political</li> </ul>
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<p>Science (in addition to POLI 497);</p> <ul style="list-style-type: none"> <li>• 12 upper-level credits in Economics;</li> <li>• 12 upper-level credits in Philosophy;</li> <li>• 3 credits from any upper-level course.</li> </ul> <p><b>[14655] Option C: Philosophy Emphasis [14656]</b></p> <ul style="list-style-type: none"> <li>• PHIL 497;</li> <li>• 18 upper-level credits in Philosophy (in addition to PHIL 497);</li> <li>• 12 upper-level credits in Economics;</li> <li>• 12 upper-level credits in Political Science;</li> <li>• 3 credits from any upper-level course.</li> </ul> <p><b><u>Option D: Law Emphasis</u></b></p> <ul style="list-style-type: none"> <li>• <b><u>One of POLI 497, PHIL 497, ECON 497;</u></b></li> <li>• <b><u>18 upper-level credits in Political Science including POLI 432 and 15 credits from POLI 303, 313, 354, 356, 382, 383, 402, 465;</u></b></li> <li>• <b><u>12 upper-level credits in Economics from ECON 345, 351, 352, 360, 361, 370, 371, 372, 386, 390;</u></b></li> <li>• <b><u>12 upper-level credits in Philosophy from PHIL 331, 338, 373, 425, 435, 436, 437;</u></b></li> <li>• <b><u>3 credits from any upper-level course.</u></b></li> </ul> <p><b>[14657] Graduation Requirements</b></p> <p><b>[14658]</b> To graduate, a student must satisfy all <a href="#">B.A. requirements</a>, including completion of 120 credits, 48 of which must be at the third- and fourth-year levels.</p>	<p>Science (in addition to POLI 497);</p> <ul style="list-style-type: none"> <li>• 12 upper-level credits in Economics;</li> <li>• 12 upper-level credits in Philosophy;</li> <li>• 3 credits from any upper-level course.</li> </ul> <p><b>[14655] Option C: Philosophy Emphasis [14656]</b></p> <ul style="list-style-type: none"> <li>• PHIL 497;</li> <li>• 18 upper-level credits in Philosophy (in addition to PHIL 497);</li> <li>• 12 upper-level credits in Economics;</li> <li>• 12 upper-level credits in Political Science;</li> <li>• 3 credits from any upper-level course.</li> </ul> <p><b>[14657] Graduation Requirements</b></p> <p><b>[14658]</b> To graduate, a student must satisfy all <a href="#">B.A. requirements</a>, including completion of 120 credits, 48 of which must be at the third- and fourth-year levels.</p> <p><b>Type of Action:</b> Add Option D: Law Emphasis to the PPE Major.</p> <p><b>Rationale:</b> This addition will update the PPE Major in a fashion that acknowledges students' interest in Law.</p>
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## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<p><b>Faculty:</b> Arts and Sciences <b>Unit/Dept.:</b> Biology and Chemistry <b>Faculty Approval Date:</b> Nov. 17, 2009 <b>Effective Session:</b> 2009W</p>	<p><b>Date:</b> August 24, 2009 <b>Contact Person:</b> J. Boon/ C. Saucier <b>Phone:</b> 250.807.9545/250.807-8645 <b>Email:</b> <a href="mailto:joyce.boon@ubc.ca">joyce.boon@ubc.ca</a> <a href="mailto:cedric.saucier@ubc.ca">cedric.saucier@ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><b><u>BIOC 408 (3) Enology II</u></b> <b><u>Advanced aspects of wine</u></b> <b><u>biochemistry and chemistry</u></b> <b><u>(enology). Physicochemical stability</u></b> <b><u>of wine. Tartaric and protein</u></b> <b><u>instabilities and their treatments.</u></b> <b><u>Colloidal state and the fining of</u></b> <b><u>wine. Physicochemical evolution of</u></b> <b><u>wine during aging. [3-0-1]</u></b> <b><u>Prerequisite: BIOC 307.</u></b></p>	<p><b>Draft Calendar URL:</b> N/A</p> <p><b>Present Calendar Entry:</b></p> <p><b><del>BIOC 306 (3) Chemistry of Food and Wine</del></b> <b><del>Flavour</del></b> <b><del>Chemistry of irritation, pungency,</del></b> <b><del>astringency, sweet and bitter</del></b> <b><del>tastes, thermal reactions leading to</del></b> <b><del>caramel and maple flavors, Maillard</del></b> <b><del>reaction, odour active compounds</del></b> <b><del>and their thresholds, development</del></b> <b><del>of wine aroma from precursor</del></b> <b><del>compounds in grapes, fermentation</del></b> <b><del>aroma, storage in oak barrels, and</del></b> <b><del>conservation of wine. Students will</del></b> <b><del>present a seminar. [3-4*0]</del></b> <b><del>Prerequisite: CHEM 204.</del></b></p> <p><b>Type of Action:</b> Discontinue BIOC 306 and create BIOC 408.</p> <p><b>Rationale:</b> In a previous iteration, the wine biochemistry program had two courses at the third-year level, and it was difficult for students to advance their knowledge of wine biochemistry. BIOC 307 will be redesigned as Enology I (see accompanying form), an introduction to wine biochemistry. The BIOC 306 course will be discontinued and replaced by this fourth-year course, Enology II. This proposed course will follow on from the third-year course and take the knowledge of the students to a higher level. It will also allow students the possibility of a wine biochemistry co-op option when offered in term two of fourth year. A seminar hour</p>



	<p>has been removed from the third-year course and added to the fourth-year course to allow discussion of papers from current literature and for oral presentations. The labs no longer match the lecture content so they have been removed. It is Cedric's intention to develop a lab course in the future that will be specifically for wine biochemistry majors.</p>
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## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty/School:</b> Arts and Sciences <b>Dept./Unit:</b> Philosophy <b>Faculty Approval Date:</b> Nov, 17, 2009 <b>Effective Session:</b> 2010S	<b>Date:</b> October 20, 2009 <b>Contact Person:</b> Manuela Ungureanu <b>Phone:</b> 250.807.9375 <b>Email:</b> <a href="mailto:manuela.ungureanu@ubc.ca">manuela.ungureanu@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <b><u>PHIL 235 (3) Contemporary Moral Issues</u></b> <b><u>Applied ethical issues from philosophical perspectives. Topics may include abuses of speech (hate speech, propaganda), censorship, concentrating ownership of media outlets and the foundations of civil society, conceptions of citizenship, democratic civic education, life issues, torture, poverty, terrorism, global justice. [3-0-0]</u></b> <b><u>Prerequisite: Second-year standing.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> The course provides a solid training in critical thinking about complex issues, and responds to a need for undergraduate teaching on applied ethics, with focus on the changing relationships between the individual and society, and by extension, on issues relevant to future global citizens. It enriches the course offerings for a wide variety of B.A. and B.Sc. programs at UBCO, including International Relations, Legal Studies (PPE), Gender Studies, English, Cultural Studies, Philosophy, and can be taught both during Winter or Summer sessions.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty:</b> Creative and Critical Studies <b>Department/Unit:</b> Creative Studies <b>Faculty Approval Date:</b> Oct. 27, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> October 6, 2009 <b>Contact Person:</b> Nancy Holmes <b>Phone:</b> 250.807.9369 <b>Email:</b> <a href="mailto:nancy.holmes@ubc.ca">nancy.holmes@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <u><b>VISA 090 Safety Training</b></u> <u><b>Develops students' competence in using the tools in the woodshop and metalshop. This non-credit course is required in order to work in these facilities. Pass/Fail.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> A required non-credit safety course for the woodshop and metalshop in the Fine Arts and Health building is needed. Increasingly, students are being required to use these facilities in both Visual Arts and Interdisciplinary Performance programs. The machines include table saws, welding equipment, and other dangerous tools. Faculty in courses such as THTR do not have the skills to demonstrate safe use and faculty in Visual Arts, while they spend some time, are unable to spend enough class time to train students on all the equipment. Currently, students enrolled in first-year VISA classes get some demonstrations from the technicians and from the faculty members on tools that they will need for basic work. Other students in our department (e.g. transfer students, performance students) receive no training or demonstration in the classroom. In order to ensure the safety of all students and to reinforce the concepts introduced to the VISA students, we would like to make it mandatory that any student using the woodshop or the metalshop has to have taken this half-day course.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<p><b>Faculty:</b> Education <b>Department/Unit:</b> N/A <b>Faculty Approval Date:</b> Nov. 18, 2009 <b>Effective Session:</b> 2010S</p>	<p><b>Date:</b> December 4, 2009 <b>Contact Person:</b> Dr. Vicki A. Green <b>Phone:</b> 250.807.8107 <b>Email:</b> <a href="mailto:vicki.green@ubc.ca">vicki.green@ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><i>Homepage &gt; Faculties, Schools, and Colleges &gt; Faculty of Education &gt; Post-Baccalaureate Education Programs</i></p> <p><b>[14683] Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>[14685] Admission Requirements</b></p> <p>[...]</p> <p><b>[14687] Advanced Standing and Transfer Credit</b></p> <p>[...]</p> <p><b>[14689] Program Structure</b></p> <p>[...]</p> <p><b><u>Early Learning Post-Baccalaureate Certificate and Diploma</u></b></p> <p><b><u>Early childhood is a critically important period for establishing strong foundations for lifelong learning and well-being. The Early Learning program provides teachers with the philosophy, understanding, and skills to create optimal learning environments, assess children appropriately, and design learning experiences to support children's development.</u></b></p> <p><b><u>The Early Learning program will be of academic interest to experienced teachers of young children and to new teachers of kindergarten and primary.</u></b></p>	<p><b>Draft Calendar URL:</b> <a href="http://okanagan.students.ubc.ca/calendar/pr_oof/edit/index.cfm?tree=18,284,1018,0">http://okanagan.students.ubc.ca/calendar/pr_oof/edit/index.cfm?tree=18,284,1018,0</a></p> <p><b>Present Draft Calendar Entry:</b></p> <p><i>Homepage &gt; Faculties, Schools, and Colleges &gt; Faculty of Education &gt; Post-Baccalaureate Education Programs</i></p> <p><b>[14683] Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>[14685] Admission Requirements</b></p> <p>[...]</p> <p><b>[14687] Advanced Standing and Transfer Credit</b></p> <p>[...]</p> <p><b>[14689] Program Structure</b></p> <p>[...]</p>



<p><b><u>Early Learning Post-Baccalaureate Program Course Options</u></b></p> <p><b><u>ECED 405 Foundations of Early Childhood Education</u></b>  <b><u>ECED 416 Kindergarten Curriculum</u></b>  <b><u>ECED 420 History of Early Childhood Education</u></b>  <b><u>ECED 421 Supporting Young Children through Home, School, and Community Relationships</u></b>  <b><u>ECED 438 Observation and Recording</u></b>  <b><u>ECED 440 Play and Early Childhood Education</u></b>  <b><u>ECED 441 Language Nests in Early Learning</u></b>  <b><u>ECED 443 Theories of Early Learning</u></b>  <b><u>ECED 444 Early Numeracy</u></b>  <b><u>ECED 445 Poverty, Child Development, and Early Learning</u></b>  <b><u>ECED 463 Early Language and Literacy Development</u></b>  <b><u>ECED 480 Special Topics in Early Childhood Education</u></b></p> <p><b>[14692] Inclusive Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p>	<p><b>[14692] Inclusive Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>Type of Action:</b> New program.</p> <p><b>Rationale:</b> The Ministry of Education has adopted full-day kindergarten in response to research findings on early learning and young children. This program is in response to the research and to the action initiated by the British Columbia Ministry of Education. The program will be of interest to kindergarten and primary teachers and Education students.</p>
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## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<b>Faculty:</b> Education <b>Department:</b> N/A <b>Faculty Approval Date:</b> Nov. 18, 2009 <b>Effective Session:</b> 2010S	<b>Date:</b> December 4, 2009 <b>Contact Person:</b> Dr. Vicki A. Green <b>Phone:</b> 250.807.8107 <b>Email:</b> <a href="mailto:vicki.green@ubc.ca">vicki.green@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <u><b>ECED 405 (3) Foundations of Early Childhood Education</b></u> <u><b>The philosophical foundational theory of early learning as well as early learning law, and policies are described and analyzed. Current research on early learning programs is discussed and students will assess and evaluate a range of early learning programs. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.



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<b>Proposed Calendar Entry:</b>  <u><b>ECED 416 (3) Kindergarten Curriculum</b></u> <u><b>The development of kindergarten</b></u> <u><b>programs with reference to recent</b></u> <u><b>research, theories of early learning,</b></u> <u><b>curriculum trends and practices,</b></u> <u><b>and the place of kindergarten in</b></u> <u><b>contemporary education. Pass/Fail.</b></u> <u><b>[3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>    <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <u><b>ECED 420 (3) History of Early Childhood Education</b></u> <u><b>Foundational knowledge of the history of early childhood education in North America, including political, philosophical, social, and cultural factors that influenced movements and trends in early childhood education in North America over the last two hundred years. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <u><b>ECED 421 (3) Supporting Young Children through Home, School, and Community Relationships</b></u> <u><b>Philosophy, history, and problems of the parent-teacher partnerships; the development of effective cooperation through individual parent-teacher conferences and parent-group discussions; examination of community services and inter-professional relationships.</b></u> <u><b>Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <b><u>ECED 438 (3) Observation and Recording Methods of observing, recording, and interpreting children's behaviour in early childhood settings and in using data for educational guidance following developmentally appropriate practices. Pass/Fail. [3-0-0]</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <b><u>ECED 440 (3) Play and Early Childhood Education</u></b> <b><u>Examines the key issues, practices, philosophies, and research findings that explore childhood play as it is integrated into formal learning.</u></b> <b><u>Pass/Fail. [3-0-0]</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.



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<b>Proposed Calendar Entry:</b>  <u><b>ECED 441 (3) Language Nests in Early Learning</b></u> <u><b>Examines research in education, linguistics, anthropology, and cognitive psychology that pertains to children entering school with a primary language other than the dominant language, with particular attention to aboriginal children's language realities. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <u><b>ECED 443 (3) Theories of Early Learning</b></u> <u><b>Explores how current knowledge</b></u> <u><b>relating to learning theory in early</b></u> <u><b>years education is reflected in</b></u> <u><b>present-day early years</b></u> <u><b>programming and assessment. Also</b></u> <u><b>examines how these initiatives</b></u> <u><b>might impact teaching practice and</b></u> <u><b>parent/teacher communications.</b></u> <u><b>Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>     <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.

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<b>Proposed Calendar Entry:</b>  <u><b>ECED 444 (3) Early Numeracy</b></u> <u><b>Early learners need mathematical activities that nurture numeracy through children's literature, songs, poetry, play, and games. Influences of the family and the environment will be explored. Research and practice will be explored to identify best practices for early numeracy. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.



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<b>Proposed Calendar Entry:</b>  <u><b>ECED 445 (3) Poverty, Child Development, and Early Learning</b></u> <u><b>Examines socio-economic and community factors in early child development and learning.</b></u> <u><b>"Vulnerable indicators" within developmental areas that influence healthy child development are explored. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>          <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.



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<b>Proposed Calendar Entry:</b>  <u><b>ECED 463 (3) Early Language and Literacy Development</b></u> <u><b>The influences of language, emergent literacy, and growth are examined. How reading and writing develop as integrated processes within oral language acquisition is also explored. Credit will not be granted for both ECED 463 and LLED 463. Pass/Fail. [3-0-0]</b></u> <u><b>Equivalency: LLED 463.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.  Note: the course will be cross-listed with LLED 463.

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<b>Proposed Calendar Entry:</b>  <u><b>ECED 480 (3/6) d Special Topics in Early Childhood Education</b></u> <u><b>A study of innovative practices, ideas, and theories in Early Childhood Education. The specific topics may change yearly to reflect changing priorities and interests in early childhood education and the specific interests and competencies of visiting and regular faculty. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Early Learning.



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<p><b>Proposed Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Education</a> &gt; Post-Baccalaureate Education Programs</p> <p><b>[14683] Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>[14685] Admission Requirements</b></p> <p>[...]</p> <p><b>[14687] Advanced Standing and Transfer Credit</b></p> <p>[...]</p> <p><b>[14689] Program Structure</b></p> <p>[...]</p> <p><b><u>Language and Literacy Post-Baccalaureate Certificate and Diploma</u></b></p> <p><b><u>The Language and Literacy Education program is designed for teachers and administrators who wish to deepen and extend their knowledge in areas of literacy and language arts, including oral and written communication, reading, children's and adolescents' literature, English education, ESL, literacy in the content areas, new media literacy, assessment, and literacy for diverse learners.</u></b></p> <p><b><u>Language and Literacy Post-Baccalaureate Program Course Options</u></b></p> <p><b><u>LLED 441 Introduction to Teaching Children's Literature</u></b></p>	<p><b>Draft Calendar URL:</b> <a href="http://okanagan.students.ubc.ca/calendar/pr oof/edit/index.cfm?tree=18,284,1018,0">http://okanagan.students.ubc.ca/calendar/pr oof/edit/index.cfm?tree=18,284,1018,0</a></p> <p><b>Present Draft Calendar Entry:</b></p> <p><a href="#">Homepage</a> &gt; <a href="#">Faculties, Schools, and Colleges</a> &gt; <a href="#">Faculty of Education</a> &gt; Post-Baccalaureate Education Programs</p> <p><b>[14683] Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>[14685] Admission Requirements</b></p> <p>[...]</p> <p><b>[14687] Advanced Standing and Transfer Credit</b></p> <p>[...]</p> <p><b>[14689] Program Structure</b></p> <p>[...]</p>



<p><u>LLED 449 Teaching Adolescents' Literature</u>  <u>LLED 450 Teaching and Learning Language and Literacy: Kindergarten and Primary Grades</u>  <u>LLED 451 Teaching and Learning Language and Literacy: Intermediate and Middle Grades</u>  <u>LLED 452 Literacy in the Content Areas: Intermediate and Secondary</u>  <u>LLED 460 Theoretical Foundations and Research in English Language Arts Education</u>  <u>LLED 461 Assessment of Literacy and Learning</u>  <u>LLED 463 Early Language and Literacy Development</u>  <u>LLED 464 Literacy for Diverse Learners in the Elementary Grades</u>  <u>LLED 465 Literacy for Diverse Learners in Middle and Secondary Grades</u>  <u>LLED 466 ESL and Literacy Education</u>  <u>LLED 467 Drama in English Language Arts Education</u>  <u>LLED 468 Language, Literacy, and Numeracy</u>  <u>LLED 481 Digital Media in English Language Arts Education</u>  <u>LLED 490 Special Topics in Language and Literacy Education</u></p> <p><b>[14692] Inclusive Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p>	<p><b>[14692] Inclusive Post-Baccalaureate Certificate and Diploma</b></p> <p>[...]</p> <p><b>Type of Action:</b> New program.</p> <p><b>Rationale:</b> This is a new post-baccalaureate certificate and diploma program that will be available for K-12 educators to address reading, writing, and general literacy concerns in schooling. It is the same structure as the existing UBC Okanagan Education Post-baccalaureate program in Inclusive Education.</p>
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<b>Proposed Calendar Entry:</b>  <u><b>LLED 441 (3) Introduction to Teaching Children's Literature</b></u> <u><b>An examination of the theory and practice of incorporating children's literature in elementary grade classrooms. A familiarity with the genres of children's literature, the selection of appropriate resources, and planning for best instructional practices will be featured.</b></u> <u><b>Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 449 (3) Teaching Adolescents' Literature</b></u> <u><b>An introduction to a range of literature appropriate for students in grades eight through twelve. Trends and issues in the field are explored. Selection criteria and approaches to engaging students in response and interpretation are provided. Lesson and unit planning will also be examined. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 450 (3) Teaching and Learning Language and Literacy: Kindergarten and Primary Grades</b></u> <u><b>An overview of teaching and learning in English language arts for primary grades (K-3) with attention to oral language, reading and viewing, writing and representing. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.



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<b>Proposed Calendar Entry:</b>  <u><b>LLED 451 (3) Teaching and Learning Language and Literacy: Intermediate and Middle Grades</b></u> <u><b>An overview of teaching and learning in English language arts for intermediate grades with attention to oral language, listening, reading and viewing, writing and representing. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>    <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.



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<b>Proposed Calendar Entry:</b>  <u><b>LLED 452 (3) Literacy in the Content Areas: Intermediate and Secondary</b></u> <u><b>Best practices are presented for integrating the teaching of reading and writing in content area material. Multiple instructional strategies will be provided to enable students to make content reading and writing accessible and successful. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 460 (3) Theoretical Foundations and Research in English Language Arts Education</b></u> <u><b>An historical perspective of the theory and practice of the teaching of reading/writing as well as a survey of current research, theory, and practice related to reading acquisition and reading/writing processes. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 461 (3) Assessment of Literacy and Learning</b></u> <u><b>Based upon current research in reading and language arts practices, students will engage in the selection, administration, and interpretation of formative and summative literacy assessments for the purpose of evaluating reading and language processes. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 463 (3) Early Language and Literacy Development</b></u> <u><b>The influences of language, emergent literacy and growth are examined. How reading and writing develop as integrated processes within oral language acquisition is also explored. Credit will not be granted for both LLED 463 and ECED 463. Pass/Fail. [3-0-0] Equivalent: ECED 463.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.  Note: this course will be cross-listed with ECED 463.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 464 (3) Literacy for Diverse Learners in the Elementary Grades</b></u> <u><b>Key issues, research, and practice are examined to improve literacy achievement for elementary students with a range of reading and writing difficulties. Credit will not be granted for both LLED 464 and EPSE 464. Pass/Fail. [3-0-0] Equivalent: EPSE 464.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.  Note: this course will be cross-listed with EPSE 464.



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<b>Proposed Calendar Entry:</b>  <u><b>LLED 465 (3) Literacy for Diverse Learners in Middle and Secondary Grades</b></u> <u><b>Key issues, research, and practice are examined to improve literacy achievement for students in middle and secondary grades with a range of reading and writing difficulties. Credit will not be granted for both LLED 465 and EPSE 465. Pass/Fail. [3-0-0] Equivalent: EPSE 465.</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.  Note: this course will be cross-listed with EPSE 465.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 466 (3) ESL and Literacy Education Learning techniques and principles in second language acquisition will be explored. Students will be encouraged to create and modify lessons pertinent to their own K-12 or post-secondary classroom settings. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.



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<b>Proposed Calendar Entry:</b>  <u><b>LLED 467 (3) Drama in English Language Arts Education</b></u> <u><b>Explores how educational drama can be used to support literacy programs in elementary and middle school language arts programs. Content focus is primarily for elementary and middle school educators, however, modifications for other grade levels can readily be made. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 468 (3) Language, Literacy, and Numeracy</b></u> <u><b>Research and best practices will be examined with the intent of acknowledging the link between numeracy and literacy and experiencing how specific pedagogy in the classroom can support this link. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.



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<b>Proposed Calendar Entry:</b>  <u><b>LLED 481 (3) Digital Media in English Language Arts Education</b></u> <u><b>Focuses on the application and implications of digital media and how these extend and modify literacy and literary practice in K-12 English language arts education. Pass/Fail. [3-0-0]</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.

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<b>Proposed Calendar Entry:</b>  <u><b>LLED 490 (3/6) d Special Topics in Language and Literacy Education</b></u>	<b>Draft Calendar URL:</b> N/A  <b>Present Draft Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This course will support the proposed post-baccalaureate certificate/diploma program in Language and Literacy.



## UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

<p><b>Faculty:</b> Health and Social Development <b>Department:</b> Nursing <b>Faculty Approval Date:</b> Nov. 30, 2009 <b>Effective Session:</b> 2010W</p>	<p><b>Date:</b> November 23, 2009 <b>Contact Person:</b> Sheila Epp <b>Phone:</b> 250.807.9988 <b>Email:</b> <a href="mailto:sheila.epp@ubc.ca">sheila.epp@ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><b><u>NRSG 320 (3) Health and Healing VI: Global Health Issues</u></b> <b><u>Emphasis is placed on the role of the nurse within the context of the global society and the changing health care environment.</u></b> <b><u>Participants examine a variety of emerging health issues and trends developing their personal understanding of nursing practice.</u></b> <b><u>[3-0-0]</u></b> <b><u>Prerequisite: NRSG 230.</u></b></p>	<p><b>Draft Calendar URL:</b> N/A</p> <p><b>Present Calendar Entry:</b></p> <p><b>Type of Action:</b> New course.</p> <p><b>Rationale:</b> This is a required course of the new CAEN curriculum. This course is intended to foster the participants' understanding of varying and increasingly complex global health challenges and issues. This course fits with UBC's aspiration of providing students with learning opportunities that foster global citizenship.</p>



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<b>Faculty:</b> Health and Social Development <b>Department:</b> Nursing <b>Faculty Approval Date:</b> Nov. 30, 2009 <b>Effective Session:</b> 2010W	<b>Date:</b> November 23, 2009 <b>Contact Person:</b> Sheila Epp <b>Phone:</b> 250.807.9988 <b>Email:</b> <a href="mailto:sheila.epp@ubc.ca">sheila.epp@ubc.ca</a>
<b>Proposed Calendar Entry:</b>  <b><u>NRSG 322 (3) Professional Practice IV: Nursing Inquiry</u></b> <b><u>Participants will explore the historical and philosophical approaches to the development of nursing knowledge and inquiry. Relationships between practice, theory, and research will also be explored. [3-0-0]</u></b> <b><u>Prerequisite: NRSG 230.</u></b>	<b>Draft Calendar URL:</b> N/A  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New course.  <b>Rationale:</b> This is a required course of CAEN curriculum and has been part of partners program for some time. The addition of this course brings the UBCO SON on board with CAEN and more congruent with the programs beliefs, values, and foundational perspectives. This course provides participants with a wider view of knowledge development for the profession of nursing consistent with updates in the field.