

THE UNIVERSITY OF BRITISH COLUMBIA | OKANAGAN



OKANAGAN SENATE SECRETARIAT

Enrolment Services

Senate and Curriculum Services

3333 University Way

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www.senate.ubc.ca

21 October 2009

To: Okanagan Senate

From: Senate Curriculum Committee

Subject: October Curriculum Proposals (approval)

The Senate Curriculum Committee has reviewed the material forwarded to it by the Faculty, and encloses those proposals it deems ready for approval.

As such, the following is recommended to Senate:

Motion: That Senate approve the new and changed courses and programs brought forward by the Faculty of Arts and Sciences as set out in the attached proposals.

Respectfully submitted,
Dr. Robert Campbell
Chair, Curriculum Committee



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To: Okanagan Senate
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Subject: October Curriculum Proposals

Attached please find the following for your consideration:

Faculty of Arts and Sciences

1. The following new program and related course:
 - a. Biochemistry Honours Program
 - b. BIOC 449 (6) Honours Thesis
2. The following new courses:
 - c. BIOL 410 (3) Plant-Microbe Interactions
 - d. BIOL 507 (3) The Biochemical Basis of Disease
 - e. HIST 300 (3) History of Indigenous Peoples of Canada to 1876;
HIST 301 (3) History of Indigenous Peoples of Canada Since 1876
 - f. HIST 406 (3) British Columbia to 1900;
HIST 407 (3) British Columbia Since 1900
3. The following discontinued program options:
 - g. General Studies Thematic Options



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

Category: 1

<p>Faculty/School: Arts and Sciences Unit/Dept.: Biology and Chemistry Faculty Approval Date: Sept. 3, 2009 Effective Session: 2009W</p>	<p>Date: July 15, 2009 Contact Person: Joyce Boon Phone: 250.807.9545 Email: joyce.boon@ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>Homepage > Faculties, Schools, and Colleges > Faculty of Arts and Sciences > Bachelor of Science Programs > Biochemistry</p> <p>[12218] Major in Biochemistry</p> <p>[...]</p> <p><u>Biochemistry Honours Program</u></p> <p><u>The Honours in Biochemistry provides an intensive program of study through coursework and research experience. Students who complete this program will have the ability to work independently and with a high level of competency.</u></p> <p><u>The course requirements are the same as in the Major in Biochemistry program, except that 6 credits must be in BIOC 449.</u></p> <p><u>Admission Requirements</u></p> <ul style="list-style-type: none">• <u>Fourth-year standing (minimum of 78 credits in the Biochemistry Major).</u>• <u>Minimum grade average of 75% in all courses taken to date applicable to the Biochemistry Major.</u>• <u>Enrolment in BIOC 449 with a research project and a research supervisor approved by the Biochemistry committee.</u> <p><u>Graduation Requirements:</u></p> <ul style="list-style-type: none">• <u>Completion of the course requirements for the Major in Biochemistry.</u>• <u>A minimum 75% graduating grade average (GGA)</u>	<p>Draft Calendar URL: http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,858,1069</p> <p>Present Calendar Entry:</p> <p>Homepage > Faculties, Schools, and Colleges > Faculty of Arts and Sciences > Bachelor of Science Programs > Biochemistry</p> <p>[12218] Major in Biochemistry</p> <p>[...]</p>



- **BIOC 449, with a minimum grade of 75%. A written thesis is required, with a public presentation of the thesis in the form of a poster and a seminar.**

Type of Action: New Biochemistry Honours Program.

Rationale: Many students have requested the option of doing an honours degree in Biochemistry. Now that we have two new biochemists coming, we are in a position to support that option.



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Faculty/School: Arts and Sciences Unit/Dept.: Biology and Chemistry Faculty Approval Date: Sept. 3, 2009 Effective Session: 2009W	Date: July 15, 2009 Contact Person: Joyce Boon Phone: 250.807.9545 Email: joyce.boon@ubc.ca
Proposed Calendar Entry: <u>BIOC 449 (6) Honours Thesis</u> <u>Students undertake a research project on a specific topic as agreed upon by the faculty member and the student. A written thesis is required, with a public presentation of the thesis in the form of a poster and a seminar.</u> <u>Prerequisite: A research project and a research supervisor approved by the BIOC Management Committee and enrolment in the BIOC Honours program.</u>	Draft Calendar URL: N/A Present Calendar Entry: Type of Action: New course. Rationale: With new faculty joining both Chemistry and Biology, and student demand for an honours program, we would like to add the honours thesis course to the BIOC major.



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

Category: 1

Faculty/School: Arts and Sciences Unit/Dept.: Biology Faculty Approval Date: August 11, 2009 Effective Session: 2009W	Date: February 16, 2009 Contact Person: Dan Durall Phone: 250.807.8759 Email: daniel.durall@ubc.ca
Proposed Calendar Entry: <u>BIOL 410 (3) Plant-Microbe Interactions</u> <u>Ecological, physiological, and</u> <u>molecular perspectives will be</u> <u>covered on root-associated</u> <u>microorganisms with the potential</u> <u>to benefit plants. Implications for</u> <u>agriculture, forestry,</u> <u>bioremediation, and conservation.</u> <u>Credit will not be granted for both</u> <u>BIOL 410 and BIOL 510. [3-0-0]</u> <u>Prerequisite: BIOL 228.</u>	Draft Calendar URL: N/A Present Calendar Entry: Type of Action: New course. Rationale: Provide an opportunity for upper-level undergraduates to obtain specialized knowledge of interactions between plants and microorganisms beyond that provided in BIOL 228. The course will be of interest to undergraduates majoring in Microbiology or Ecology and Evolutionary Biology. The course will be cross-listed with BIOL 510, which requires students to prepare a grant proposal for the written assignment. BIOL 410 requires a written research review of the literature, which is more appropriate for undergraduate students.



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

Category: 1

Faculty/School: Arts and Sciences Unit/Dept.: Biology and Chemistry Faculty Approval Date: August 11, 2009 Effective Session: 2009W	Date: January 19, 2009 Contact Person: Andis Klegeris Phone: 250.807.9557 Email: andis.klegeris@ubc.ca
Proposed Calendar Entry: <u>BIOL 507 (3) The Biochemical Basis of Disease</u> <u>Draws on foundational knowledge of normal biochemistry. Inborn errors of metabolism, abnormal growth and metabolism, neurodegeneration and inappropriate protein folding, deficiency diseases, endocrine disorders, and cardiovascular and hematological disorders. Credit will not be granted for both BIOL 507 and BIOC 407.</u> <u>Prerequisite: Graduate standing and permission of instructor.</u>	Draft Calendar URL: N/A Present Calendar Entry: Type of Action: New course. Rationale: Currently BIOC 407: The Biochemical Basis of Disease is offered as a fourth-year course. Cross-listing it as BIOL 507 will allow graduate students from both Biology and Chemistry Graduate Programs to take this as a 500-level course instead of a 400-level course. Students who take this course as BIOL 507 will be required to submit an additional assignment in addition to the normal coursework of BIOC 407.



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

Category: 1

<p>Faculty/School: Arts and Sciences Unit/Dept.: History Faculty Approval Date: Sept. 8, 2009 Effective Session: 2009W</p>	<p>Date: January 15, 2008 Contact Person: Jessica Stites Mor Phone: 250.807.9655 Email: jessica.stites-mor@ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p><u>HIST 300 (3) History of Indigenous Peoples of Canada to 1876</u> <u>The Indigenous people (status and non-status) of Canada from contact to the passage of the Indian Act in 1876. Topics include government policies, environment, gender, religion, oral narratives, colonial frontiers, disease, fur trade. Credit will not be granted for both HIST 300 and HIST 302. [3-0-0]</u> <u>Prerequisite: 6 credits of HIST and third-year standing; or HIST 112, INDG 110, and third-year standing.</u></p> <p><u>HIST 301 (3) History of Indigenous Peoples of Canada Since 1876</u> <u>The Indigenous people (status and non-status) of Canada from the passage of the Indian Act in 1876 to the present. Topics include government policies, environment, gender, religion, oral narratives, activism, urbanization, identity. Credit will not be granted for both HIST 301 and HIST 302. [3-0-0]</u> <u>Prerequisite: 6 credits of HIST and third-year standing; or HIST 122, INDG 110, and third-year standing.</u></p>	<p>Draft Calendar URL: N/A</p> <p>Present Calendar Entry:</p> <p><u>HIST 302 (6) History of the Native Peoples of Canada</u> <u>The Native people (status and non-status) of Canada from contact to the present. Native involvement in the fur trade and later economic developments, the emergence of the Metis, the treaty-making process, and the evolution of government policies for native peoples. OUC equivalent: HIST 302. [3-0-0]</u> <u>Prerequisite: 6 credits of HIST including HIST 112, or one of HIST 112, INDG 100 and third-year standing.</u></p> <p>Type of Action: Modify current course description to better fit with university-wide Calendar language. Split one two-term, 6-credit course into two 3-credit, one-term courses. Discontinue HIST 302.</p> <p>Rationale: Increase department's flexibility in offering and usefulness to other departments.</p>



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Category: 1

<p>Faculty/School: Arts and Sciences Unit/Dept.: History Faculty Approval Date: Sept. 8, 2009 Effective Session: 2009W</p>	<p>Date: January 15, 2008 Contact Person: Jessica Stites Mor Phone: 250.807.9655 Email: jessica.stites-mor@ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p><u>HIST 406 (3) British Columbia to 1900</u> <u>Topics from the history of colonial British Columbia, Confederation, and subsequent provincial developments during the nineteenth century. Credit will not be granted for both HIST 406 and HIST 404. [3-0-0]</u> <u>Prerequisite: 6 credits of HIST and third-year standing; or HIST 112 and third-year standing.</u></p> <p><u>HIST 407 (3) British Columbia Since 1900</u> <u>Topics will emphasize changes in the economic, social, and institutional structures of the province during the twentieth and twenty-first centuries. Credit will not be granted for both HIST 407 and HIST 404. [3-0-0]</u> <u>Prerequisite: 6 credits of HIST and third-year standing; or HIST 122 and third-year standing.</u></p>	<p>Draft Calendar URL: N/A</p> <p>Present Calendar Entry:</p> <p>HIST 404 (6) British Columbia Selected themes in the history of the region primarily during the post-Confederation years. Emphasizes changes in the economic, social, and institutional structures of the province. OUC equivalent: HIST 404. [3-0-0] Prerequisite: 12 credits of HIST.</p> <p>Type of Action: Modify current 6-credit course and split into two 3-credit, one-term courses. Modify prerequisites and description. Discontinue HIST 404.</p> <p>Rationale: Increase department's flexibility in offering and students ability to take course.</p>



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

Category: 1

<p>Faculty/School: Arts and Sciences Unit/Dept.: Dean's Office Faculty Approval Date: Sept. 3, 2009 Effective Session: 2009W</p>	<p>Date: July 3, 2009 Contact Person: Linda Hatt Phone: 250.807.9323 Email: linda.hatt@ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>Homepage > Faculties, Schools, and Colleges > Faculty of Arts and Sciences > Bachelor of Arts Programs > General Studies</p> <p>[12835] General Studies Bachelor of Arts</p> <p>[...]</p>	<p>Draft Calendar URL: <a href="http://okanagan.students.ubc.ca/calendar/pr
oof/edit/index.cfm?tree=18,282,857,1126">http://okanagan.students.ubc.ca/calendar/pr oof/edit/index.cfm?tree=18,282,857,1126</p> <p>Present Calendar Entry:</p> <p>Homepage > Faculties, Schools, and Colleges > Faculty of Arts and Sciences > Bachelor of Arts Programs > General Studies</p> <p>[12835] General Studies Bachelor of Arts</p> <p>[...]</p> <p>[12866] General Studies with a Thematic Option</p> <p>[12867] A thematic option allows students to design a program developed in consultation with faculty and approved by the Dean. The option is a defined theme consisting of at least 48 credits, of which at least 36 credits shall be at the 300 and 400 level. Students must also complete a minimum of 12 upper-level elective credits.</p> <p>[12868] Three thematic options currently exist: 1) Cognitive Science, 2) Latin American Studies, and 3) Women's Studies. An individual option can be developed in consultation with a program advisor and approved by the Dean of Arts and Sciences.</p> <p>[12869] 1. Cognitive Science Thematic Option</p> <p>[12870] Cognitive science is a multi-disciplinary comprehensive study of the mind, intelligence, and intelligent systems that incorporates elements of philosophy, psychology, linguistics, and computer science. The option in Cognitive Science is</p>



rigorous and intellectually demanding. Students will develop critical and analytical skills that can be applied to a wide range of careers.

[12871] The study of the mind, which up to the nineteenth century belonged solely to philosophy, has been split into several independent disciplines. Psychology adopted an empirical approach and concentrated on intelligent behaviour; linguistics focused on the mind's use of language; and artificial intelligence (a division of computer science) started to model aspects of human thinking using inanimate objects (computers). Cognitive science reunifies these diverse approaches and creates a common ground for understanding human and non-human intelligence. This option provides a unique opportunity to study four major approaches to cognition, at the same time offering the chance to acquire a deeper knowledge in one of these areas.

[12872] The Cognitive Science thematic option gives the student a broad, multi-pronged approach to the study of thought, perception, computation, language, and emotions. Graduates of this program will be well prepared to enter the work force in such areas as software design. The program's main goal, however, is to prepare students for graduate studies in one of the core disciplines or in cognitive science itself.

[12873] During the first two years in the program, students must take the following courses in Computer Science, Linguistics, Philosophy, and Psychology: ANTH 170; COSC 111, 121, 221, 222; 3 credits of first-year Philosophy plus PHIL 220, 245; PSYQ 111, 121, 219, 230.

[12874] Concentrations in Computer Science, Philosophy, and Psychology are available during two subsequent years.

[12875] 2. Latin American Studies Thematic Option

[12876] This course of studies is designed to provide a coherent and interdisciplinary program for students with an interest in Latin America. The program draws on courses in Anthropology, Fine Arts, Geography, History, Modern Languages, Political Science, Sociology, and Spanish. Several courses in the Faculty of Arts and

**Sciences have Latin American content.****[12877] First and Second Years****[12878] B.A. requirements, including the following:****[12879]**

- * ~~12 History credits (including HIST 240, 241);~~
- * ~~SPAN 101, 102, 201, 202 (or equivalent);~~

[12880] Students should note that since they are required to complete a number of 300 and 400 level credits in History, Social Sciences, and Spanish, they should plan to take the appropriate course prerequisites in their first and second years. Prior to enrolling in first and second year courses, students should meet with a program advisor.

[12881] Third and Fourth Years**[12882]**

- * ~~300/400 level History: 18–24 credits;~~
- * ~~300/400 level Social Sciences: 12–18 credits;~~
- * ~~300/400 level Spanish: 12 credits;~~
- * ~~Electives: 12 credits.~~

[12891] 3. Individual Thematic Option (General B.A. program)

[12892] Students selecting this option will have the opportunity to create or undertake an independent program of studies developed by a faculty member and approved by the Dean of Arts and Sciences.

Type of Action: Remove thematic options from General Studies B.A.

Rationale: We now have a Latin American Studies major so the thematic option is redundant. Students do not utilize these options and they do not serve any purpose at the present time or for the past four years.