

THE UNIVERSITY OF BRITISH COLUMBIA | OKANAGAN



OKANAGAN SENATE SECRETARIAT

Enrolment Services

Senate and Curriculum Services

3333 University Way

Kelowna, BC · V1V 1V7

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05 November 2008

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 programs and new and revised courses brought forward by the Faculty of Arts and Sciences as set out in the attached proposals.*

Respectfully submitted,
Mr. Christopher Eaton
Acting Chair, Curriculum Committee



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To: Okanagan Senate
From: Senate Curriculum Committee
Subject: October Curriculum Proposals

Attached please find the following for your consideration:

Faculty of Arts and Sciences

1. The inclusion of the following course in the list of science courses for the B.A. program:
 - a. COSC 132 (3) Surviving Security Threats in Our Information Society
2. The following new course:
 - b. COSC 447 (3) Directed Studies in Software Maintenance
3. The following revised programs:
 - c. B.A. and B.Sc. Psychology Major and Honours Programs



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

Category: 1

Faculty: Arts and Sciences Unit/Dept.: Unit 4 Faculty Approval Date: Sept. 2, 2008 Effective Session : 2008W	Date: March 2, 2007 Contact Person: Patricia Lasserre Phone: (250) 807-9502 Email: patricia.lasserre@ubc.ca
Proposed Calendar Entries: First and Second Years Credit Requirements ... Science Students must complete at least 6 first-year Science credits in laboratory Science, Mathematics, Computer Science, or approved Geography ¹ courses from the following list: <ul style="list-style-type: none">• ASTR 110, 111, 120, 121;• BIOL 116, 117, 125, 122, 131, 133;• CHEM 111, 113, 121, 123;• COSC 111, 121, 122, 123, 132;• EESC 111, 121;• GEOG 108, 109;• MATH 100, 101, 111, 116, 142;• PHYS 102, 111, 112, 122, 140;• STAT 121. ¹ GEOG 128 and 129 do not provide Science credit. ...	URL: http://okanagan.students.ubc.ca/calendar/index.cfm?tree=18,282,857,1084 Present Calendar Entry: First and Second Years Credit Requirements ... Science Students must complete at least 6 first-year Science credits in laboratory Science, Mathematics, Computer Science, or approved Geography ¹ courses from the following list: <ul style="list-style-type: none">• ASTR 110, 111, 120, 121;• BIOL 116, 117, 125, 122, 131, 133;• CHEM 111, 113, 121, 123;• COSC 111, 121, 122, 123;• EESC 111, 121;• GEOG 108, 109;• MATH 100, 101, 111, 116, 142;• PHYS 102, 111, 112, 122, 140;• STAT 121. ¹ GEOG 128 and 129 do not provide Science credit. ... Type of Action: Add COSC 132 to the list of computer science courses available for science credit for the B.A. Rationale: Provide more choice to B.A. students who are interested in computer science.



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

Category: 1

Faculty: Arts and Sciences Unit/Dept.: Unit 4 Faculty Approval Date: Sept. 23, 2008 Effective Session: 2008W	Date: 2008-05-08 Contact Person: Yves Lucet Phone: 250-807-9505 Email: yves.lucet@ubc.ca
Proposed Calendar Entries: COSC 447 (3) Directed Studies in Software Maintenance Maintenance of a large software system including prioritizing requests, modifying the design, implementing new features, fixing bugs, and regression testing. The student will undertake the maintenance of an existing project. <i>Prerequisite:</i> COSC 319 and permission of the unit head.	URL: http://okanagan.students.ubc.ca/calendar/proof/edit/courses.cfm?code=COSC Present Calendar Entry: Type of Action: New course Rationale: Students completing COSC 319 (3) Software Engineering Project focus on creating the software with emphasis on the design, implementation, and testing. They have no time to learn the maintenance part, which is the most important phase in the software life cycle. This new directed studies course will focus exclusively on the maintenance phase from a practical perspective. Students will prioritize customer requests, and implement bug fixes or enhancements to existing software. They will be required to read and understand a large number of existing codes, and maintain a given software project such as those produced in COSC 319.



UBC Okanagan Curriculum Proposal Form Change to Course or Program

Category: 1

<p>Faculty: Arts and Sciences Unit: Psychology & Computer Science Faculty Approval Date: Sept. 23, 2008 Effective Session: 2008W</p>	<p>Date: 2008.09.23 Contact Person: Jan Cioe Phone: 250-807-8732 Email: jan.cioe@ubc.ca</p>
<p>Proposed Calendar Entries:</p> <p><u>VII. Faculties, Schools, and Colleges</u></p> <p><u>Faculty of Arts and Sciences ></u> <u>Bachelor of Arts Programs ></u> Psychology (B.A.)</p> <p>B.A. Major in Psychology</p> <p>Note: UBC Okanagan also offers a <u>B.Sc. Major in Psychology</u>.</p> <p>The Bachelor of Arts (B.A.) Major in Psychology provides a strong foundation for advanced training that can lead to a career in Psychology or other professions.</p> <p>Students gain a broad perspective in Psychology with courses in such diverse areas as biopsychology, cognitive, developmental, social, and abnormal psychology. In addition, students gain an understanding and appreciation of the empirical method as it is applied across the disciplines.</p> <p>Students intending to pursue graduate studies in Psychology are advised to consider taking the Honours Program since many Canadian universities expect</p>	<p>URL: http://okanagan.students.ubc.ca/calendar/index.cfm?tree=18,282,857,989</p> <p>Present Calendar Entry:</p> <p><u>VII. Faculties, Schools, and Colleges</u></p> <p><u>Faculty of Arts and Sciences ></u> <u>Bachelor of Arts Programs ></u> Psychology (B.A.)</p> <p>B.A. Major in Psychology</p> <p>Note: UBC Okanagan also offers a <u>B.Sc. Major in Psychology</u>.</p> <p>The B.A. Major in Psychology provides a strong foundation for advanced training that can lead to a career as a psychologist or other professional. Students considering graduate studies in psychology or professional schools are advised to enrol in the Major program. Students must apply for admission to the Psychology Major program. Students who satisfy all admission requirements may apply for a Psychology Major in the first term of their second year of study (the term in which they have registered for their 25th credit).</p>

**potential graduate students to have completed an Honours degree.**

Note: Psychology courses are now designated by the prefix PSYO; formerly, the prefix was PSYC. To determine the equivalency between the current course numbers and former course numbers, consult Chapter VIII, "Course Descriptions," or the Psychology web site.

Enrolling as a Psychology Major

Students are encouraged to declare their major in Psychology at the end of their first year. To be admitted to the major program, students must successfully complete both PSYO 111 and 121 (or equivalent) and a minimum of 24 credits. To continue as a Psychology Major, a student must complete both PSYO 270 and 271 (or equivalent); except with permission of the program, these courses must be completed in second year.

First and Second Years

B.A. requirements, including PSYO 111, 121.

A student must complete PSYO 270 (Introduction to Research Methods and Design) and PSYO 271 (Introduction to Data Analysis) to graduate as a Psychology Major.

Third and Fourth Years

- **At least 18 credits in 300- or 400-level courses outside of Psychology;**
- At least 30 credits of 300- and 400-level Psychology courses;
- Psychology breadth requirement of at least 3 credits from each of the

Note: Psychology courses are now designated by the prefix PSYO; formerly, the prefix was PSYC. To determine the equivalency between the current course numbers and former course numbers, consult Chapter VIII, "Course Descriptions," or the Psychology web site.

Enrolling as a Psychology Major

~~**To be enrolled in the Psychology Major program, a student must be registered in PSYO 270 and 271, or have successfully completed these courses. To enrol in PSYO 270 and 271, a student must have a minimum grade average of 65% from all Psychology courses.**~~

First and Second Years

B.A. requirements, including PSYO 111, 121.

A student must complete PSYO 270 (Introduction to Research Methods and Design) and PSYO 271 (Introduction to Data Analysis) to graduate as a Psychology Major.

Third and Fourth Years

- ~~At least 48 credits in 300- or 400-level courses;~~
- At least 30 credits of 300- and 400-level Psychology courses;
- Psychology breadth requirement of at least 3 credits from each of the



<p>following five areas. Each area is defined by the centre digit in the course number (e.g., PSYO 219 satisfies category 1; PSYO 321 satisfies category 2, etc.); students may complete this requirement with 200-level as well as upper-level courses:</p> <ol style="list-style-type: none">1. Cognitive/Learning/ Perception;2. Developmental;3. Biopsychology;4. Personality/Abnormal;5. Social/Sex/Forensic. <p>Electives are available to complete the 120 credits required for the degree.</p> <p>For the Major, students need a minimum of 48 credits in Psychology courses, with at least 30 credits at the 300 and 400 level. It is possible to take additional upper-level Psychology credits beyond this minimum value.</p> <p>In addition, and with reference to non-Psychology course electives, students must complete at least 18 credits at the 300/400 level outside of Psychology. Therefore, at least 48 credits (including the minimum 30 credits in Psychology and 18 credits in non-Psychology) toward the degree requirement of 120 credits must be from courses numbered 300 and above. As a consequence it is possible to take a limited number of lower-division courses (including Psychology) during third and fourth years.</p> <p>Note: not all Psychology courses are</p>	<p>following five areas. Each area is defined by the centre digit in the course number (e.g., PSYO 219 satisfies category 1; PSYO 321 satisfies category 2, etc.):</p> <ol style="list-style-type: none">1. Cognitive/Learning/ Perception;2. Developmental;3. Biopsychology;4. Personality/Abnormal;5. Social/Sex/Forensic. <p>Electives are available to complete the 120 credits required for the degree. These courses must be chosen from the humanities, visual arts, languages, social sciences, or sciences, and must be courses which have approved credit at UBC Okanagan.</p> <p>For the Major, students need a minimum of 48 credits in Psychology courses, with at least 30 credits at the 300 and 400 level. It is possible to take additional upper-level Psychology credits beyond this minimum value.</p> <p>In addition, and with reference to non-Psychology course electives, students must complete at least 18 credits at the 300/400 level outside of Psychology. Therefore, at least 48 credits (including the minimum 30 credits in Psychology and 18 credits in non-Psychology) toward the degree requirement of 120 credits must be from courses numbered 300 and above. As a consequence it is possible to take a limited number of lower-division courses (including Psychology) during third and fourth years.</p> <p>Note: not all Psychology courses are</p>
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offered each year. A number of courses are offered in alternate years, and some may not be offered for several years. Students are advised to check the current schedule of course offerings.

Psychology Honours Program

The Honours degree program in Psychology enables high-achieving Psychology Major students to increase their concentration in Psychology and to gain research experience in the completion of an Honours thesis. Students are expected to satisfy high levels of competency in their academic achievement and to successfully complete a research project under the supervision of a faculty member.

Students intending to pursue graduate studies in Psychology are advised to consider taking the Honours Program since many Canadian universities expect potential graduate students to have completed an Honours degree.

Proposed Calendar Entries:

**Faculty of Arts and Sciences >
Bachelor of Science Programs >
Psychology (B.Sc.)**

B.Sc. Major in Psychology

...

Enrolling as a Psychology Major

Students are encouraged to declare their major in Psychology at the end of their first year. To be admitted to the major program, students must successfully

offered each year. A number of courses are offered in alternate years, and some may not be offered for several years. Students are advised to check the current schedule of course offerings.

Psychology Honours Program

The Honours degree program in Psychology enables high-achieving Psychology Major students to increase their concentration in Psychology and to gain research experience in the completion of an Honours thesis. Students are expected to satisfy high levels of competency in their academic achievement and to successfully complete a research project under the supervision of a faculty member. ~~Many Canadian universities expect potential graduate students to have completed an Honours degree.~~

URL:

<http://okanagan.students.ubc.ca/calendar/index.cfm?tree=18,282,858,996>

Present Calendar Entry:

**Faculty of Arts and Sciences >
Bachelor of Science Programs >
Psychology (B.Sc.)**

B.Sc. Major in Psychology

...

~~Applying for Admission and Enrolling as a Psychology Major~~

~~Typically, students apply for the Psychology Major in the second semester of their first year (the semester during~~



complete both PSYO 111 and 121 (or equivalent) and a minimum of 24 credits. To continue as a Psychology Major, a student must complete both PSYO 270 and 271 (or equivalent); except with permission of the program, these courses must be completed in second year.

~~which they will earn a minimum of 24 total credits). Students wishing to enter the Psychology program must submit a completed application to the Unit Head's office; applications are available online or at the office. To be accepted into the program, students must have a minimum grade average of 65% from all Psychology courses, have completed both PSYO 111 and 121 (or equivalent), and have earned a minimum of 24 total credits prior to the start of the program. Once accepted into the program, the student will be eligible to register in PSYO 270 and 271.~~

...

Type of Action:

Change in the process of declaring a psychology major. Editorial changes to make the language clearer to students.

Rationale:

Currently, students must submit a formal application and are admitted to the program on the basis of their existing psychology grades. Once accepted, they become eligible to take the required courses of PSYO 270 [Research Methods] and PSYO 271 [Introduction to Data Analysis]. A substantial proportion of applicants to our program [approx. 25%] do not meet the entry grade based on their first-year performance.

First-year grades, however, may not be an accurate indicator of the student's ultimate academic performance. While it is possible for students to enter the program by raising their Psychology GPA after taking more 2nd year psychology courses, those students will then be taking the basic courses in their 3rd year, as opposed to the preferred time of 2nd year. We see these courses as foundational to our research-based program and wish our majors to have these basics before entering the more



advanced courses. Moreover, taking the required courses in 3rd year would mean that students pursuing the honours program would need to do an extra year because the honours program has additional required courses which have 2nd year prerequisites.

The current proposal would allow students to self-register as a Psychology Major if they have the necessary prerequisites as they do in most other Arts and Sciences programs. In order to maintain standards, all Psychology Majors must register in and successfully complete the required research methods and statistics courses. These courses are considered foundational for Psychology Majors.

A recent modification to the B.Sc. in Psychology resulted in changes in the language which improved clarity. Similar changes have now been made to the B.A. description.

We believe that this language is clearer to students.



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

Category: 1

Faculty: Arts and Sciences Unit/Dept.: Unit 4 - Psychology Faculty Approval Date: Sept. 23, 2008 Effective Session: 2009W	Date: 2008.08.05 Contact Person: Jan Cioe Phone: 807-8732 Email: jan.cioe@ubc.ca
Proposed Calendar Entries: Psychology Honours Program B.A. Graduation Requirements <ul style="list-style-type: none">• All general program requirements for the B.A. degree, including the general, English, Science, Language other than English, and Distribution requirements;• All requirements for the Psychology Major, including the breadth requirement;• Completion of PSYO 372 (Research Methods and Statistics), PSYO 373 (Advanced Research Methods and Statistics), and PSYO 490 (Undergraduate Honours Thesis) with a minimum average of 76% and at least 70% in each of these courses;• An average of at least 76% from all courses in Psychology;• An overall average of at least 72%;• Public presentation of the thesis; and• A minimum of 54 credits of Psychology, of which 42 must be upper-level courses.	URL: http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,857,989 Present Calendar Entry: Psychology Honours Program B.A. Graduation Requirements <ul style="list-style-type: none">• All general program requirements for the B.A. degree, including the general, English, Science, Language other than English, and Distribution requirements;• All requirements for the Psychology Major, including the breadth requirement;• Completion of PSYO 372 (Research Methods and Statistics), PSYO 373 (Advanced Research Methods and Statistics), and PSYO 490 (Undergraduate Honours Thesis) with a minimum average of 76%;• An average of at least 76% from all courses in Psychology;• An overall average of at least 72%;• Public presentation of the thesis; and• A minimum of 54 credits of Psychology, of which 42 must be upper-level courses.

**Proposed Calendar Entries:****B.Sc. Honours in Psychology****Graduation Requirements**

- All general program requirements for the Bachelor of Science;
- All requirements for the Psychology Major, including the breadth requirement;
- **Completion of PSYO 372 (Research Methods and Statistics), PSYO 373 (Advanced Research Methods and Statistics), and PSYO 490 (Undergraduate Honours Thesis) with a minimum average of 76% and at least 70% in each of these courses;**
- A minimum of 54 credits of Psychology, of which 42 must be upper-level Psychology;
- A grade average of at least 76% from all courses in Psychology;
- An overall grade average of at least 76%. This calculation shall be based on the set of credits which generates the greatest grade average and that minimally satisfies the B.Sc. Honours Psychology degree requirements; and
- Public presentation of the thesis.

URL:

<http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,858,996>

Present Calendar Entry:**B.Sc. Honours in Psychology****Graduation Requirements**

- All general program requirements for the Bachelor of Science;
- All requirements for the Psychology Major, including the breadth requirement;
- ~~12 additional upper-level credits in Psychology, including completion of PSYO 372 (Research Methods and Statistics) and PSYO 490 (Undergraduate Honours Thesis), with minimum grades of 76%;~~
- A minimum of 54 credits of Psychology, of which 42 must be upper-level Psychology;
- A grade average of at least 76% from all courses in Psychology;
- An overall grade average of at least 76%. This calculation shall be based on the set of credits which generates the greatest grade average and that minimally satisfies the B.Sc. Honours Psychology degree requirements; and
- Public presentation of the thesis.

Type of Action:

Modification to the graduation requirements of the BA and BSc Honours programs.

Rationale:

The additional phrase [i.e., and at least 70% in each of these courses] is intended to set a minimum performance in the core courses



	<p>of the program. Since Honour degrees are associated with superior academic performance, we wished to ensure that students recognize that poor performance in one element could not be offset by exceptional performance in the others. The B.Sc. language is also modified to include PSYO 373, which when added to 372 & 490, will give the student the 12 credits referred to in the original B.Sc. language. This a requirement for the Honours B.A.</p>
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UBC Okanagan Curriculum Proposal Form New or Change to Course or Program

Category: 1

Faculty: Arts & Sciences Unit/Dept.: Unit 4 - Psychology Faculty Approval Date: Feb 26, 2008 Effective Session: 2008W	Date: 2008.01.25 Contact Person: Jan Cioe Phone: 807-8732 Email: jan.cioe@ubc.ca
Proposed Calendar Entries: B.Sc. Major in Psychology [12264] Biology Concentration ... [13042] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in Arts courses that are recognized for credit toward a B.A. degree. [14462] Cognitive Concentration ... [12337] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in Arts courses that are recognized for credit toward a B.A. degree. [14463] Research Design and Statistics Concentration ... [12383] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in Arts courses that are recognized for credit toward a B.A. degree.	URL: http://okanagan.students.ubc.ca/calendar/proof/edit/index.cfm?tree=18,282,858,996 Present Calendar Entry: B.Sc. Major in Psychology [12264] Biology Concentration ... [13042] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in first and second year Psychology. [14462] Cognitive Concentration ... [12337] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in first and second year Psychology. [14463] Research Design and Statistics Concentration ... [12383] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in first and second year Psychology.

**[12338] B.Sc. Honours in Psychology****[14464] Biology Concentration**

...

[13040] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in **Arts courses that are recognized for credit toward a B.A. degree.**

[14465] Cognitive Concentration

...

[12285] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in **Arts courses that are recognized for credit toward a B.A. degree.**

[14466] Research Design and Statistics Concentration

...

[13041] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in **Arts courses that are recognized for credit toward a B.A. degree.**

[12338] B.Sc. Honours in Psychology**[14464] Biology Concentration**

...

[13040] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in ~~first and second year~~ **Psychology.**

[14465] Cognitive Concentration

...

[12285] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in ~~first and second year~~ **Psychology.**

[14466] Research Design and Statistics Concentration

...

[13041] Note: a minimum of 18 credits of Arts courses is required, including 6 credits of first-year English and 12 credits in ~~first and second year~~ **Psychology.**

Type of Action:

Changing language to B.Sc. Psychology degrees to reflect a Faculty of Arts and Sciences policy.

Rationale:

These changes are required given the Arts and Sciences decision to define psychology courses taken within a B.Sc. as Science. The degree requires that students take at least 18 credits of Arts course credits. The changed language copies the calendar degree requirements.