



January 7, 2010

**CURRICULUM COMMITTEE**  
**Vancouver Senate**  
2016 - 1874 East Mall  
Vancouver, B.C. Canada V6T 1Z1

To: Vancouver Senate

From: Senate Curriculum Committee

Re: 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 as ready for approval.

As such, the following is recommended to Senate:

**Motion:** *That the new and changed courses and programs brought forward by the Faculties of Arts, Commerce and Business Administration, and Science be approved.*

Respectfully submitted,

Peter Marshall, Chair  
Senate Curriculum Committee

# THE UNIVERSITY OF BRITISH COLUMBIA



7 January 2010

Enrolment Services  
Senate and Curriculum Services  
1874 – 2016 East Mall  
Vancouver, BC V6T 1Z1  
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T: 604-822-9134; F: 604-822-5945

To: Vancouver Senate

From: Senate Curriculum Committee

Re: **PROPOSALS FROM THE FACULTY OF ARTS**

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Attached please find submitted category 1 curriculum proposals for your consideration.

*New Courses*

ASIA 258 (3)  
PSYC 402 (3)  
PSYC 404 (3)  
PSYC 408 (3)  
PSYC 409 (3)

*Calendar Changes*

POLI 492 (12)  
PSYC 414 (3)  
PSYC 466 (3)  
FIPR 434 (3/6)d  
FIPR 435 (3/6)d  
FIPR 436 (3/6)d



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Asian Studies Faculty Approval Date:</p> <p>Effective Session 2009W Term 1 Year 2009 for Change</p>	<p>Date: April 1, 2009 Contact Person: Maija Norman Phone: 822-9266 Email: maija@interchange.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>ASIA 258 (3) Religion in South Asia The major religious traditions of South Asia, including Hinduism, Islam, Sikhism, and Buddhism; the significance of religious thought and practice in premodern India, as well as the continuing impact of religion in today's globalized South Asia.</p>	<p>URL: n/a</p> <p>Present Calendar Entry: none</p> <p>Type of Action: New course</p> <p>Rationale: This course will introduce students to the major religions of India, as well as to important issues that impact the study of religion in the region, with attention to current social, political and scholarly concerns. The class is historical in its scope and content, but maintains simultaneous attention to present-day issues. The goal in doing so is to enable students both to appreciate the history of religion in India (and South Asia more generally) and to recognize the significance of religion, and its <i>study</i>, in the present day. This is an area that is not currently covered in existing courses.</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Psychology Faculty Approval Date: Effective Session: Winter; Term: 2; Year for Change: 2010</p>	<p>Date: April 27, 2009 Contact Person: Jim Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>PSYC 402 (3) RESEARCH IN ANXIETY DISORDERS Focus on the cognitive, biological, and motivational underpinnings of anxiety disorders. Topics include current research methods, controversies in the research literature, and directions for future research. Prerequisites: Either PSYC 217 and 218, or PSYC 366 and PSYC 300.</p>	<p>Present Calendar Entry: none</p> <p>Type of Action: New course</p> <p>Rationale: PSYC 402 will introduce 4<sup>th</sup>-year students to research on anxiety and its disorders. Although the topic of anxiety disorders is briefly covered in psychology 300, there is currently no undergraduate course devoted to research on topics related to psychopathology or to anxiety disorders. Anxiety is a common occurrence in human lives, and disorders arising from anxiety are the third most prevalent psychiatric condition. Research on anxiety disorders in the behavioral and cognitive sciences is immense and points to a number of unresolved issues about these conditions. The anxiety disorders offer a useful context in which to examine research in psychopathology and to provide students with the experience of conducting research on the biological, developmental, and cognitive factors involved in anxiety-related conditions. Current faculty members in the Psychology Department qualified to teach PSYC 402 are Lynn Alden and Sheila Woody.</p>
	<p>ID Number for Supporting Documents: PSYC 402-NEW PSYC 402-BUDGET IMPACT PSYC 402-LIBRARY CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Psychology Faculty Approval Date: Effective Session: Winter Term 1 Year for Change: 2010</p>	<p>Date: February 5, 2009 Contact Person: Jim Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>PSYC 404 (3) PSYCHOLOGY OF RELIGION. Cognitive, emotional, and motivational underpinnings of religious behavior; supernatural beliefs, magical thinking, ritual, sacrifice; religion's role in morality, prosociality, health, violence, and intergroup relations. Prerequisite: Either PSYC 217 and 218, or PSYC 366 and either PSYC 307 or PSYC 308.</p>	<p>Present Calendar Entry: none</p> <p>Type of Action: New course</p> <p>Rationale: PSYC 404 will introduce 4<sup>th</sup>-year students to the growing psychological research on religious thought and behavior. Although the topic of religion is tangentially covered in some psychology courses (307, 308, 407), there is currently no undergraduate course devoted to the in-depth teaching of this topic. Religion is a recurrent and widespread aspect of human lives, religion-related events routinely make headlines around the world, and student interest is high. Research on religion in psychology and the behavioral and cognitive sciences is currently growing. This course also serves to contribute to a recent initiative by Dean of Arts, Nancy Gallini, to revitalize the interdisciplinary study of religion across departments at UBC. The current faculty member in the Psychology Department most likely to teach PSYC 404 is Ara Norenzayan, though others (Joe Henrich, Mark Schaller) are also qualified.</p> <p>ID Number for Supporting Documents: PSYC 404-NEW PSYC 404-BUDGET IMPACT PSYC 404-LIBRARY CONSULT PSYC 404-DEPT CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Psychology Faculty Approval Date: Effective Session: Winter Term 1 Year for Change: 2010</p>	<p>Date: April 24, 2009 Contact Person: Jim Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p>
<p><b>Proposed Calendar Entry:</b></p> <p><b>PSYC 408 (3) Research in Social Psychology</b> Representative studies on social psychological topics; emphasis on the formulation of significant questions and the design and execution of relevant research. Prerequisite: Either PSYC 217 and 218 or either PSYC 308 or PSYC 366.</p>	<p><b>Present Calendar Entry:</b></p> <p><b>PSYC 408 (6) Social Psychological Research</b> Representative studies on social psychological topics; emphasis on the formulation of significant questions and the design and execution of relevant research. Prerequisite: <del>PSYC 308 and</del> either (a) <del>all of</del> PSYC 217, PSYC 218 or (b) PSYC 366 <del>or permission of the instructor.</del></p> <p><b>Type of Action:</b> Reduction in credits from 6 to 3 and change in title. Change in prerequisites.</p> <p><b>Rationale:</b> The current PSYC 408 (6) is proposed for change to a 3-credit course (a) to increase flexibility in student scheduling, (b) to maintain consistency with other current course offerings, and (c) to increase availability and diversity of 4<sup>th</sup> year courses.</p> <p>The change in title is proposed in order to make the course offerings provided by the Social/Personality area more consistent with the offerings provided by other areas of our department (e.g., Developmental, Cognitive).</p> <p><b>ID Number for Supporting Documents:</b> PSYC 408-NEW PSYC 408-BUDGET IMPACT PSYC 408-LIBRARY CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Psychology Faculty Approval Date: Effective Session: Winter Term 1 Year for Change: 2010</p>	<p>Date: April 1, 2009 Contact Person: Jim Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>PSYC 409 (3) COGNITIVE NEUROPSYCHOLOGY The structure of mind as revealed by brain injury, neurological illness, and surgical intervention. Topics include attention, memory, language, sense of self, topographic awareness, moral reasoning, emotion, theory of mind, and social awareness. Prerequisite: Either PSYC 217 and 218, or PSYC 366, and either PSYC 309 or PSYC 365.</p>	<p>Present Calendar Entry: none</p> <p>Type of Action: New course</p> <p>Rationale: PSYC 409 will give 4<sup>th</sup>-year students an in-depth introduction to the cognitive consequences of brain injury and illness, which is one of the central research methodologies in cognition and cognitive neuroscience. Although some aspects of cognitive neuropsychology are touched on in other courses offered in Psychology (309, 309a, 365), the breadth and fundamental importance of this field warrants a course specifically devoted to the topic. Given the vast popular interest in mind and brain, PSYC 409 would provide a welcome new addition to our current offerings in the domain of cognition, cognitive neuroscience, and neuroimaging. Central to the course is a detailed introduction to critical scientific reasoning as it relates to inferring cognitive function from disruptions to normal brain function, a theme that aligns with the recent UBC initiative to develop and improve scientific learning (i.e., the Carl Wieman initiative) in our undergraduate curriculum. The current faculty member in the Psychology Department most likely to teach PSYC 404 is Todd Handy, though others (Alan Kingstone, Lawrence Ward) are also qualified.</p> <p>ID Number for Supporting Documents: PSYC 409-NEW PSYC 409-BUDGET IMPACT PSYC 409-LIBRARY CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Political Science Faculty Approval Date:</p> <p>Effective Session 2010W Term One Year 2010 for Change</p>	<p>Date: July 16, 2009 Contact Person: Ben Nyblade Phone: 822-4559 Email: bnyblade@politics.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>POLI 492 (12) Honours Thesis</p> <p>In consultation with faculty, students develop a research project, report on their project during seminars, give feedback on their fellow students' projects, and write a thesis.</p>	<p>Present Calendar Entry:</p> <p><del>POLI 490 (6) Honours Seminar</del> <del>An advanced seminar dealing with some of the classic themes and emerging frontiers in the discipline.</del></p> <p>Type of Action:</p> <p>Replace two separate seminars during the 4<sup>th</sup> year honours program with one-year- long seminar focused on writing a thesis.</p> <p>Rationale:</p> <p>Students found that one term (particularly the final term of their degree) was simply not enough time to adequately develop their theses. We think it would be preferable to allow the thesis to develop over the course of a year with more time for interaction with faculty and fellow students. Thus we have expanded the thesis seminar to a year from a term and made it worth 12 credits.</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Psychology Faculty Approval Date: Effective Session: Winter; Term: 1; Year for Change: 2010</p>	<p>Date: April 23, 2009 Contact Person: Jim Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p>
<p><b>Proposed Calendar Entry:</b></p> <p>PSYC 414 (3) RESEARCH IN DEVELOPMENTAL PSYCHOLOGY. Advanced study of current research in a specific area of developmental psychology. <i>Prerequisite:</i> Either PSYC 217 and 218 or PSYC 366, and one of PSYC 302, 315, 319, 322, 325</p>	<p><b>Present Calendar Entry:</b></p> <p>PSYC 414 <del>(6)</del> RESEARCH METHODS IN DEVELOPMENTAL PSYCHOLOGY. <del>Principal research methods and designs; students undertake supervised research projects.</del> <i>Prerequisite:</i> Either (a) all of PSYC 217, PSYC 218 or (b) PSYC 366; and one of PSYC 302, PSYC 315, PSYC 319, PSYC 322, PSYC 325 <del>or permission of the instructor.</del></p> <p><b>Type of Action:</b> Change in number of credits from 6 to 3, minor change in title, and change in course description.</p> <p><b>Rationale:</b> Reducing PSYC 414 from its current 6 credits to 3 credits is proposed primarily to (a) to increase flexibility in student scheduling, as has been done recently with many upper-level courses in Psychology. (b) to focus on in-depth research in developmental psychology (according with instructor expertise), and (c) to accommodate increasing student interest in research questions on human development.</p> <p>The minor changes in title and course description are to make it consistent with other 4<sup>th</sup> year offerings, which are either identified by specialized topic area (e.g., PSYC 412 (3) Cognitive Development) or by their focus on methodology (e.g., PSYC 463 (3) Research in Sensation and Perception).</p> <p><b>ID Number for Supporting Documents:</b> PSYC 414-CHANGE PSYC 414-BUDGET IMPACT PSYC 414-LIBRARY CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Science Department: Psychology Faculty Approval Date:</p> <p>Effective Session Winter Term <u>1</u> Year 2010 for Change</p>	<p>Date: April 28, 2009 Contact Person: Jim Enns Phone: 604 822 6634 Email: jenns@psych.ubc.ca</p>
<p><b>Proposed Calendar Entry:</b> PSYC 466 (3): Research in Animal Learning and Cognition. Examination and evaluation of studies of animal learning and cognition; includes one or more research projects based on material covered. Prerequisites: Either PSYC 217 and 218, or PSYC 366, and one of PSYC 304, 360, 363, 365; or one of BIOL 365, 455; or one of PHYL 301, 426.</p>	<p><b>Present Calendar Entry:</b> PSYC 466 <del>(6)</del> <del>Research Methods in Animal Learning and Cognition.</del> <del>Supervised research project on learning, memory or other cognitive process.</del> Prerequisite: Either (a) <del>all of</del> PSYC 217, PSYC 218 or (b) PSYC 366; and one of PSYC 304, <del>PSYC 306, PSYC 309, PSYC 360, PSYC 363, PSYC 365, BIOL 310.</del></p> <p><b>Type of Action:</b> change from 6 credits to 3 credits, minor change in title, and change in prerequisites.</p> <p><b>Rationale:</b> Reducing PSYC 466 from its current 6 credits to 3 credits is proposed primarily to(a) to increase flexibility in student scheduling, as has been done recently with many upper-level courses in Psychology, and (b) to focus on in-depth and up-to-date research in the dynamic area of animal cognition.</p> <p>The instructor who originated this course has retired. The current faculty member in the Psychology Department most likely to teach PSYC 466 is Catharine Rankin, though others (Stan Floresco, Liisa Galea) are also qualified.</p> <p>The minor changes in title and prerequisites are to make it consistent with other 4<sup>th</sup> year offerings, which are either identified by specialized topic area (e.g., PSYC 412 (3) Cognitive Development) or by their focus on methodology (e.g., PSYC 463 (3) Research in Sensation and Perception).</p> <p><b>ID Number for Supporting Documents:</b> PSYC 466-CHANGE PSYC 466-BUDGET IMPACT PSYC 466-LIBRARY CONSULT</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Theatre and Film Faculty Approval Date:</p> <p>Effective Session <u>Winter</u>, Term <u>1</u>, Year <u>2010</u> for Change</p>	<p>Date: July 10, 2009 Contact Person: Prof. Jerry Wasserman Phone: 604-822-8607 Email: jerrywas@interchange.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>FIPR 434 (3/6) d Producing for Film and Television</p> <p>The creative and business aspects of producing for film and television.</p>	<p>URL: <a href="https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR">https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR</a></p> <p>Present Calendar Entry: FIPR 434 <del>(6)</del> Producing for Film and Television</p> <p><del>A detailed examination of the creative and business aspects of producing for film and television.</del></p> <p>Type of Action: Change credit weight to be able to offer the course as either 3 or 6 credits in a given year. Revise course description.</p> <p>Rationale: Due to the multiple areas of specialization that are possible within the field of film production, the ratio of students entering with a specialty or interest in a given area of film production varies from year to year, and thus demand for a given course will vary.</p> <p>The flexibility that comes with being able to offer more specialized film production courses as either 3 or 6 credits will allow Film Production to accommodate students' needs in the various areas. The Program will be able to continue to offer breadth for students who are taking that approach to their academic pursuits and also to offer depth for students who wish to focus more deeply on one or two particular areas. This will help students to expand their knowledge base as well as prepare more effectively for their careers in film production.</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Theatre and Film Faculty Approval Date:</p> <p>Effective Session <u>Winter</u>, Term <u>1</u>, Year <u>2010</u> for Change</p>	<p>Date: July 10, 2009 Contact Person: Prof. Jerry Wasserman Phone: 604-822-8607 Email: jerrywas@interchange.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>FIPR 435 (3/6) d Alternative Cinema Production</p> <p>Experimental approaches to content, structure, technology and style in film and video production.</p>	<p>URL: <a href="https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR">https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR</a></p> <p>Present Calendar Entry: FIPR 435 <del>(6)</del> Alternative Cinema Production</p> <p>Experimental approaches to content, structure, technology and style in film and video production.</p> <p>Type of Action: Change credit weight to be able to offer the course as either 3 or 6 credits in a given year.</p> <p>Rationale: Due to the multiple areas of specialization that are possible within the field of film production, the ratio of students entering with a specialty or interest in a given area of film production varies from year to year, and thus demand for a given course will vary.</p> <p>The flexibility that comes with being able to offer more specialized film production courses as either 3 or 6 credits will allow Film Production to accommodate students' needs in the various areas. The Program will be able to continue to offer breadth for students who are taking that approach to their academic pursuits and also to offer depth for students who wish to focus more deeply on one or two particular areas. This will help students to expand their knowledge base as well as prepare more effectively for their careers in film production.</p>



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<p>Faculty: Arts Department: Theatre and Film Faculty Approval Date:</p> <p>Effective Session <u>Winter</u>, Term <u>1</u>, Year <u>2010</u> for Change</p>	<p>Date: July 10, 2009 Contact Person: Prof. Jerry Wasserman Phone: 604-822-8607 Email: jerrywas@interchange.ubc.ca</p>
<p>Proposed Calendar Entry:</p> <p>FIPR 436 (3/6) d Documentary Development and Production</p> <p>Documentary concept development, essential production techniques and marketing.</p>	<p>URL: <a href="https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR">https://courses.students.ubc.ca/cs/main?pname=subjarea&amp;tname=subjareas&amp;req=1&amp;dept=FIPR</a></p> <p>Present Calendar Entry: FIPR 436 <del>(6)</del> Documentary Development and Production</p> <p>Documentary concept development, essential production techniques and marketing.</p> <p>Type of Action: Change credit weight to be able to offer the course as either 3 or 6 credits in a given year.</p> <p>Rationale: Due to the multiple areas of specialization that are possible within the field of film production, the ratio of students entering with a specialty or interest in a given area of film production varies from year to year, and thus demand for a given course will vary.</p> <p>The flexibility that comes with being able to offer more specialized film production courses as either 3 or 6 credits will allow Film Production to accommodate students' needs in the various areas. The Program will be able to continue to offer breadth for students who are taking that approach to their academic pursuits and also to offer depth for students who wish to focus more deeply on one or two particular areas. This will help students to expand their knowledge base as well as prepare more effectively for their careers in film production.</p>

THE UNIVERSITY OF BRITISH COLUMBIA



7 January 2010

Enrolment Services  
Senate and Curriculum Services  
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Vancouver, BC V6T 1Z1  
lindsey.lipovsky@ubc.ca  
T: 604-822-9134; F: 604-822-5945

To: Vancouver Senate

From: Senate Curriculum Committee

Re: **PROPOSALS FROM THE FACULTY OF COMMERCE AND BUSINESS  
ADMINISTRATION**

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Attached please find submitted category 1 curriculum proposals for your consideration.

*New Courses*  
BAEN 550 (1.5)  
BA 511 (1.5)  
BA 551 (1.5)



## UBC Curriculum Proposal Form Change to Course or Program

**Category: (1 )**

<p><b>Faculty:</b> Commerce  <b>Department:</b> Sauder School of Business  <b>Faculty Approval Date:</b> 15 April 2009</p> <p><b>Effective Session</b> <u>2009W</u> <b>Term</b> <u>1</u> <b>Year</b> <u>2009</u> <b>for Change</b></p>	<p><b>Date:</b> October 27, 2008  <b>Contact Person:</b> Dale Griffin / Fran Hannabuss  <b>Phone:</b> 2-0156 / 2-3426  <b>Email:</b> <a href="mailto:dale.griffin@sauder.ubc.ca">dale.griffin@sauder.ubc.ca</a> / <a href="mailto:fran.hannabuss@sauder.ubc.ca">fran.hannabuss@sauder.ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><b>BAEN 550 (1.5)</b> Fundamentals in Entrepreneurship</p> <p>Not available to M.B.A. students.</p>	<p><b>URL:</b> N/A</p> <p><b>Present Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b></p> <p>New course</p> <p><b>Rationale:</b></p> <p>New course proposal to be included in the Master of Management Program. This course is currently being taught as BAEN 580C as a pilot course. Students in the Master of Management Program have a set curriculum; this course is mandatory for all students in the program.</p> <p>Grading will be percentage.</p> <p>Due to significant overlap between the material in this course and the 18-credit M.B.A. Core, M.B.A. students are prohibited from gaining credit for both courses.</p> <p>No other departments or faculties will be affected by this proposal.</p>



## UBC Curriculum Proposal Form Change to Course or Program

**Category: 1**

<p><b>Faculty:</b> Sauder School of Business  <b>Department:</b> MBA and ECM Programs  <b>Office,</b> Robert H. Lee Graduate School  <b>Faculty Approval Date:</b> 5 November 2009</p> <p><b>Effective Session:</b> 09W T2</p>	<p><b>Date:</b> 11 September 2009  <b>Contact Person:</b> Fran Hannabuss; Brian Bemmels  <b>Phone:</b> 2-3426; 2-0156  <b>Email:</b> <a href="mailto:fran.hannabuss@sauder.ubc.ca">fran.hannabuss@sauder.ubc.ca</a>;  <a href="mailto:brian.bemmels@sauder.ubc.ca">brian.bemmels@sauder.ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><b>BA 511 (1.5) Community Business Project</b>  <b>Pass/fail</b></p> <ul style="list-style-type: none"> <li>This course is restricted to students in the MM Program.</li> </ul>	<p><b>URL:</b> N/A</p> <p><b>Present Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> Introduce new course. Pass/fail grading.</p> <p><b>Rationale:</b>  The proposed Community Business Project is designed to provide an experiential learning opportunity for students. In the case of the ECM Program, the majority of students have no business experience. The CBP will require students to collaborate in project groups, work with a Vancouver-based organization or business, set a project plan, achieve milestones and produce a project deliverable. The CBP provides a real-world opportunity to put the student's developing skills and knowledge to work and provides an experience that can be cited on their resumes and interviews.</p> <p>This course is only available to students in the MM ECM program. No other departments or faculties will be affected by this proposal.</p> <p>This course will be pass/fail grading.</p>



## UBC Curriculum Proposal Form Change to Course or Program

**Category: 1**

<p><b>Faculty:</b> Sauder School of Business  <b>Department:</b> MBA and ECM Programs  <b>Office,</b> Robert H. Lee Graduate School  <b>Faculty Approval Date:</b> 5 November 2009</p> <p><b>Effective Session:</b> Winter 2009 Term 2  <b>Year:</b> 2010 for Change</p>	<p><b>Date:</b> 11 September 2009  <b>Contact Person:</b> Fran Hannabuss; Brian Bemmels  <b>Phone:</b> 2-3426; 2-0156  <b>Email:</b> <a href="mailto:fran.hannabuss@sauder.ubc.ca">fran.hannabuss@sauder.ubc.ca</a>;  <a href="mailto:brian.bemmels@sauder.ubc.ca">brian.bemmels@sauder.ubc.ca</a></p>
<p><b>Proposed Calendar Entry:</b></p> <p><b>BA 551 (1.5) Business Capstone</b>  <b>Pass/fail</b></p> <ul style="list-style-type: none"> <li>▪ This course is restricted to students the MM Program.</li> </ul>	<p><b>URL:</b> N/A</p> <p><b>Present Calendar Entry:</b> N/A</p> <p><b>Type of Action:</b> Introduce new course. Pass/fail grading.</p> <p><b>Rationale:</b>  This is the final capstone course at the end of the Master of Management - Early Career Masters Program. This is a follow-up to the first course in the program <i>BA 550</i>, a 1.5 credit <i>Business Immersion</i>, which serves as an introduction to integrated learning and working with business cases. A separate Curriculum Proposal form has been submitted for the Business Immersion course.</p> <p><i>BA 551 Business Capstone</i> will contain 1.5 credits. The objective of this course is to give students a chance to re-integrate and apply their knowledge after having completed more in-depth study in the subject areas.</p> <p>This course was successfully piloted in March/April 2009 with the first cohort of MM ECM students. The course outline and materials are attached.</p> <p>Grading will be on a Pass/Fail.</p> <p>This course is only available to students in the MM ECM program. No other departments or faculties will be affected by this proposal.</p>

# THE UNIVERSITY OF BRITISH COLUMBIA



7 January 2010

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To: Vancouver Senate

From: Senate Curriculum Committee

Re: **PROPOSALS FROM THE FACULTY OF SCIENCE**

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Attached please find submitted category 1 curriculum proposal for your consideration.

*New and Changed Courses*

BIOL 111 (3)  
BIOL 203 (4)  
BIOL 326 (3)  
BIOL 363 (2)  
BIOL 428 (3)  
ENVR 400 (3)  
ENVR 448 (3/6)d  
ISCI 320 (3)  
ISCI 344 (3)  
MICB 301 (3)  
MICB 425 (3)  
PSYC 466 (3)

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<b>BIOLOGY</b>			
<b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b>  BIOL 111 (3) <b>Introduction to Modern Biology</b>  <b>Concepts fundamental to biological issues, such as the genetic basis of biological variation, evolution, infectious diseases, causes of cancer, population growth, and human effects on ecosystems. [3-0-0]</b>  Not open to students who have credit for Biology 12 ( <b>including AP, IB</b> ).  		<b>Present Calendar Entry:</b>  <del>BIOL 111 (3) Cell and Organismal Biology</del>  <del>Structure and functioning of cells and multicellular organisms.</del>  Not open to students who have credit for Biology 12. <del>Credit may be obtained for only one of BIOL 111 (110) and BIOL 115.</del> [3-0-0]  <b>Action:</b> Modify title and calendar entry to more accurately reflect course content. <b>Rationale:</b> The content of this course has been revised to better suit students that (1) are majoring in another discipline, (2) have no intention of further study in Biology, (3) have a minimal background in biology, and (4) require a Life Science credit. The intent is to foster biological literacy in non-biology majors. Fundamental biological principles will be presented through topics that are explicitly relevant to the lives of students. This approach to curriculum in a non-majors course is comparable to offerings at other institutions and will be accepted as transfer credit. The revised course presents foundational concepts that will prepare those students that subsequently take BIOL 112, 121, and 140. <b>Supporting Documents: SCI-09-1-BIOL 111</b>	

<p><b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b></p> <p><b>BIOL 203 (4) Eukaryotic Microbiology</b></p> <p><b>Introduction to the origin and diversity of protists (protozoa and algae) at both cellular and genomic levels, including the role of endosymbiosis in evolution.</b> [3-3-0]</p> <p><b>Prerequisite:</b> All of BIOL 140 and one of BIOL 121 or SCIE 001. BIOL 200 recommended.</p>	<p><b>Present Calendar Entry:</b></p> <p><b>BIOL 332 (6) Protistology</b></p> <p><del>Origin of eukaryotes; diversity and evolution of unicellular eukaryotes irrespective of plant or animal affinities; environmental adaptations; symbiosis and their significance to ecosystems.</del> [2-3-0]</p> <p><b>Prerequisite:</b> BIOL 200.</p> <p><b>Action:</b> Create new BIOL 203 course to replace the current BIOL 332 course. Delete BIOL 332. <b>Rationale:</b> The current 6-credit, 2-semester format for BIOL 332 is outdated and significantly limits enrollment. Moreover, there is demand for a second year core eukaryotic microbial diversity course to complement and complete the existing core diversity options. The new 4-credit, 1-semester course will bring the number of credits, the number of contact hours and the student workload into line with the other second year core diversity courses (BIOL 204, 205, 209 and 210; MICB 201) and be logically coupled with MICB 201 (prokaryotic diversity). <b>Supporting Documents:</b> SCI-09-1-BIOL 203</p>
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<p><b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b></p> <p>BIOL 326 (3) <b>Experimental</b> Biology of Invertebrates.</p> <p><b>Behavior and ecology of invertebrates as revealed by hands-on experiments in the laboratory and field. Marine emphasis.</b> [1-4-0]</p> <p>Prerequisite: BIOL 205. Corequisite: <b>STAT 200 or</b> BIOL 300.</p>	<p><b>Present Calendar Entry:</b></p> <p>BIOL 326 (3) Biology of Invertebrates.</p> <p><del>A comparative study of invertebrates, with emphasis on marine forms; structure and function, life histories, evolution and ecology.</del> [1-4-0]</p> <p>Prerequisite: BIOL 205. Corequisite: BIOL 300 <del>is recommended</del></p> <p><b>Action:</b> Modify title and calendar to more accurately reflect course content. Change corequisite.</p> <p><b>Rationale:</b> The addition of the word “Experimental” to the title and the change in course description better reflect the course content. This should appeal to students who are looking for hands-on research experience in experimental ecology. Either corequisite provides adequate background in statistics.</p> <p><b>Supporting Documents:</b> <b>SCI-09-1-BIOL 326</b></p>
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<p><b>Effective Date for Change:</b> 10S</p> <p><b>Proposed Calendar Entry:</b></p> <p>BIOL 363 (2) Laboratory in Animal Physiology.</p> <p>Experimental studies in animal physiology. Restricted to Majors and Honours students in Biology, Nutritional Sciences and Biophysics. [1-3-0]</p> <p>Prerequisite: BIOL 204. Corequisite: BIOL 361</p>	<p><b>Present Calendar Entry:</b></p> <p>BIOL 363 (3) Laboratory in Animal Physiology.</p> <p>Experimental studies in animal physiology. Restricted to Majors and Honours students in Biology, Nutritional Sciences and Biophysics. [2*-3*-0]</p> <p>Prerequisite: BIOL 204. Corequisite: BIOL 361</p> <p><b>Action:</b> Change the number of credits from 3 to 2. Change from a 2-term course to a 1-term course. Change vector.</p> <p><b>Rationale:</b> BIOL 363 is currently a 2-term, 3 credit laboratory course in animal physiology. Students attend a one-hour lecture every week (1 credit per term = 2 credits) and a 3-hour laboratory session once every two weeks (1 credit over 2 terms). Scheduling the laboratory sessions every two weeks over two terms is unconventional and cumbersome for students. This change will give students more flexibility when scheduling their courses and will make the course format consistent with several new lab courses in development (i.e., BIOL 340, 341 and 342).</p> <p>The total number of labs will remain the same at 11. The total number of lecture hours will be halved from 22 to 11. This reduction in lecture hours will not significantly affect current course content because approximately half the time was used for demonstrations that will be done in the laboratory.</p> <p><b>Supporting Documents:</b> SCI-09-1-BIOL 363</p>
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<p><b>Effective Date for Change: 10S</b> <b>Proposed Calendar Entry:</b></p> <p><b>BIOL 428 (3) Evolutionary Morphology of Marine Invertebrates.</b></p> <p><b>Comparative analysis of marine invertebrate morphology from a macroevolutionary perspective. Origin and evolution of reoccurring adaptations in meiofaunal, benthic, pelagic and deep-sea invertebrates, including their larval stages. [3-0-0]</b></p> <p><b>Prerequisite: BIOL 205 and 3rd year standing.</b></p>	<p><b>Present Calendar Entry:</b></p> <p>None</p> <p><b>Action:</b> New course.</p> <p><b>Rationale:</b> The range of body forms and lifestyles represented by marine invertebrates greatly overshadows the (morphological) diversity of any other group of organisms, and a major challenge is to make sense of this diversity within the context of evolutionary history. The emergence of molecular approaches to developmental biology and systematics has revolutionized our understanding of the overall phylogenetic tree of animals. However, interpretation and criticism of these molecular data rely on broad knowledge of organismal biology, a vital area of scholarship that is fading in life science programs as the DNA revolution in biology continues to unfold. The proposed BIOL 428 helps reverse this trend by providing 3rd and 4th year students with the opportunity to rigorously investigate the morphological diversity and evolution of marine invertebrates and expand their expertise in comparative zoology, natural history and marine biology. The course will be particularly beneficial to students considering careers in research, teaching, ecotourism, public aquaria, and marine conservation.</p> <p><b>Supporting Documents: SCI-09-1-BIOL 428</b></p>
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<b>ENVIRONMENTAL SCIENCES</b>	
<p><b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b></p> <p><b>ENVR 400 (3): Research Project in Environmental Science.</b></p> <p><b>Students working in teams apply research methods to a problem in environmental science, under the guidance of faculty members. Prerequisite: ENVR 300. Credit will only be given for one of ENVR 400, 449.</b></p>	<p><b>Present Calendar Entry:</b></p> <p>None</p> <p><b>Action:</b> Create new course.</p> <p><b>Rationale:</b> Core courses making up the environmental science program (ENSC) are presently ENVR 200 (3; Environmental Science I: Introduction to Environmental Science), ENVR 300 (3; Environmental Science II: Introduction to Research in Environmental Science) and ENVR 449 (6; Environmental Science Honours Thesis). The original structure of ENSC was as an honours only degree. At that stage, an ENVR 400 was required of all ENSC students. In 2001 an ENSC majors was developed, but because of lack of resources available for mounting ENSC, ENVR 400 was dropped from the calendar. As a result, many ENSC majors students have been allowed to take ENVR 449 as a culminating research experience and as a capstone course to their degree. Other majors students have graduated without a capstone course to their degree. This is patently inappropriate since it dilutes the honours experience in ENVR 449, and allows ENSC majors students to graduate with no ENVR research course in their final year. This proposal is intended as a remedy.</p> <p><b>Supporting Documents: SCI 09-1-ENVR 400</b></p>

<p><b>Effective Date for Change:</b> 10S</p> <p><b>Proposed Calendar Entry:</b></p> <p><b>ENVR 448 (3/6) D: Directed Studies in Environmental Science</b></p> <p><b>Investigation of a topic to be agreed upon by a member of the faculty and the student. Permission of an ENSC advisor and of the supervising faculty member is required before registration.</b></p> <p><b>Prerequisite: Fourth year standing in Faculty of Science.</b></p>	<p><b>Present Calendar Entry:</b></p> <p>None .</p> <p><b>Action:</b> Create new course</p> <p><b>Rationale:</b> Students in the environmental science program (ENSC), like those in many other undergraduate programs, frequently develop a deep interest in a rather more specific topic of study than is available upper level courses. Those with initiative and ability often satisfy this interest by taking a directed studies course in which they pursue their interest under the guidance of an interested faculty member. This is achieved either through a program of readings in their area of interest, or an analysis of data or the conduct of an experiment, or the undertaking of a field study. A directed studies option in ENSC does not exist, and so our students have had to undertake directed studies in departments in which these options are available. This proposal is intended to fill this gap by creating a directed studies course in Environmental Science, similar to those available in most programs in the Faculty of Science.</p> <p><b>Supporting Documents: SCI-09-1-ENVR 448</b></p>
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INTEGRATED SCIENCES	
<p><b>Effective Date for change:</b> 10S</p> <p><b>Proposed Calendar Entry:</b></p> <p>ISCI 320 (3) <b>Research Development Project</b></p> <p><b>Retreat to develop skills in writing scientific research proposals. Emphasis on formulating and testing hypotheses to explain observations.</b> Course location will vary; fee payable prior to <b>retreat</b>.</p> <p>Prerequisite: Third-year standing in the Faculty of Science.</p>	<p><b>Present Calendar Entry:</b></p> <p>ISCI 320 (3) <del>Interdisciplinary Sciences Field Course</del></p> <p><del>Pre-trip preparation, field research/exploration, followed by integration of key concepts and presentation of results.</del> Course <del>content</del>/location will vary; fee payable <del>six weeks</del> prior to <del>start of course</del>.</p> <p>Prerequisite: Third-year standing in the Faculty of Science.</p> <p><b>Type of Action:</b> Revise title, revise description  <b>Rationale:</b> Before 2003 the course was centered on a field trip to the Baja peninsula. This was found to be an unworkable format due to travel costs. In 2003 the course was modified to use closer locales (Tofino, Bamfield, Manning Park) and the emphasis was shifted to the experimental design and formulation of appropriate scientific questions and de-emphasized the collection of data from fieldwork. The proposed entry reflects this new format that has been in place for the last 5 years.  <b>Supporting Documents:</b> SCI-09-1-ISCI 320</p>

<p><b>Effective Session : 10S</b></p> <p><b>Proposed Calendar Entry:</b></p> <p><b>ISCI 344 (3) Theory and Practice of Games in Economics and Evolution</b></p> <p><b>Exploration of human and animal interactions: integrating evolutionary and economic perspectives to investigate individual and social behaviour. [3-0-0]</b></p> <p><b>Prerequisite: Third-year standing</b></p> <p><b>Credit will not be granted for both ECON 221 and ISCI 344.</b></p>	<p><b>Present Calendar Entry:</b></p> <p><b>None.</b></p> <p><b>Type of Action:</b> New Course</p> <p><b>Rationale:</b> This course implements scientific reasoning to analyze a variety of interesting phenomena. It is essential as an Integrated Sciences course as it gives students the tools necessary to be able to pull different aspects of a complex, integrated situation together and to analyze them scientifically. This course has been offered for the past three years as a topics course and is popular and integral to the Integrated Sciences program. There are permanent faculty members teaching the course.</p> <p><b>Supporting Documents: SCI-09-1-ISCI 344</b></p>
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<b>MICROBIOLOGY AND IMMUNOLOGY</b>	
<p><b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b></p> <p><b>MICB 301 (3) Microbial Ecophysiology.</b></p> <p><b>Dynamics and control of prokaryotic cellular processes in response to the biotic and abiotic environment including metabolic interactions and metabolic cooperation between microorganisms. [3-0-1]</b></p> <p><b>Prerequisite:</b> All of BIOL 201, MICB 201.</p>	<p><b>Present Calendar Entry:</b></p> <p>None.</p> <p><b>Action:</b> New course.</p> <p><b>Rationale:</b> Microbiology and Immunology currently offers a microbial physiology course (MICB 324) and a microbial ecology course (MICB 300). Rather than treating these subjects separately MICB 301 takes an integrated approach. This will give students an opportunity to make deeper connections between these two related areas of Microbiology. With the introduction of MICB 301, MICB 300 and MICB 324 will be discontinued.</p> <p>MICB 300 and MICB 324 are requirements in the both the MBIM and the combined MBIM/CSPC Major and Honours programs. By combining core content from these courses into a single offering the emphasis on different subjects in these programs is more balanced and equitable and allows students more flexibility to pursue their interests in other courses.</p> <p><b>Supporting Documents:</b> SCI-09-1-MICB 301</p>

<p><b>Effective Date for Change:</b> 10S <b>Proposed Calendar Entry:</b></p> <p><b>MICB 425 (3) Microbial Ecological Genomics</b></p> <p><b>Intrinsic and extrinsic forces driving prokaryotic genome evolution. Gene transfer; microbial species concepts; community genome structure, function and dynamics; ecological impacts of microbial genome diversity. Emphasis on problem solving and experimental design.</b> <b>Prerequisites: One of BIOL 335, MICB 325. MICB 201 or MICB 300 or MICB 301 is recommended [3-0-0]</b></p>	<p><b>Present Calendar Entry:</b></p> <p>None.</p> <p><b>Action:</b> New course. <b>Rationale:</b> It is now recognized that much of the Earth's biodiversity lies in the microbial realm. Even though it shapes the environment of the planet at a fundamental level this diversity is largely invisible. This course will fill an important educational gap by allowing students to understand the genetic basis for this biodiversity, how it arose and continues to evolve. It is also needed so students can develop a critical understanding of the experimental methods that are widely used to understand the genetic basis of microbial diversity and the limitations of these approaches. This course is intended for any student with sufficient genetic and biochemical background interested in understanding the nature, extent and importance of Earth's microbial biodiversity. <b>Supporting Documents SCI-09-1-MICB 425</b></p>
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<b>PSYCHOLOGY</b>	
<p><b>Effective Date for Change:</b> 10S</p> <p><b>Proposed Calendar Entry:</b></p> <p>PSYC 466 (3) RESEARCH IN ANIMAL LEARNING AND COGNITION.</p> <p><b>Examination and evaluation of studies of animal learning and cognition; includes one or more research projects based on material covered.</b></p> <p><b>Prerequisite:</b> (a) PSYC 363 and (b) one of PSYC 304, 360, 365; BIOL 365, 455; PHYL 301, 426.</p>	<p><a href="http://www.students.ubc.ca/calendar/courses.cfm?code=PSYC">http://www.students.ubc.ca/calendar/courses.cfm?code=PSYC</a></p> <p><b>Present Calendar Entry:</b></p> <p>PSYC 466 (6) RESEARCH <del>METHODS</del> IN ANIMAL LEARNING AND COGNITION.</p> <p><del>Supervised research project on learning, memory or other cognitive process.</del></p> <p><del>Prerequisite: Either (a) all of PSYC 217, PSYC 218 or (b) PSYC 366; and one of PSYC 304, PSYC 306, PSYC 309, PSYC 360, PSYC 363, PSYC 365, BIOL 310.</del></p> <p><b>Type of Action:</b> change from 6 credits to 3 credits, revise title, clarify description and update in prerequisites.</p> <p><b>Rationale:</b> The current course is six credits but we believe that we can shorten the course and still bring out the same overall learning outcomes. The decrease in credits will increase flexibility to fit student schedules and allow more students the opportunity to take the course and gain background in this dynamic area of animal cognition.</p> <p>The minor change in title make it consistent with other 4<sup>th</sup> year offerings, which are either identified by specialized topic area (e.g., PSYC 412 (3) Cognitive Development) or by their focus on methodology (e.g., PSYC 463 (3) Research in Sensation and Perception). The updated and revised prerequisites ensure that the students taking the course have sufficient science background to be successful.</p>