

# THE UNIVERSITY OF BRITISH COLUMBIA



Enrolment Services  
Senate and Curriculum Services  
1874 – 2016 East Mall  
Vancouver, BC  
V6T 1Z1

7 September 2006

To: Senate  
From: Senate Curriculum Committee

Re: **SEPTEMBER CURRICULUM PROPOSALS**

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The Senate Curriculum Committee has reviewed the material forwarded to it by the faculties and in the interests of their immediate implementation for September 2006 has approved three proposals under Section 26 (b) of the *Rules and Procedures* of Senate. Following the requirements of that section, the Committee requests that Senate ratify the approvals granted.

As such, the following is recommended to Senate:

*“That Senate ratify the decision of the Senate Curriculum Committee to approve the new and changed graduate programs and new courses brought forward by the Faculties of Applied Science (School of Nursing), Commerce and Business Administration, and Medicine as set out in the attached packages.”*



# THE UNIVERSITY OF BRITISH COLUMBIA

Enrolment Services  
Senate and Curriculum Services  
1874 – 2016 East Mall  
Vancouver, BC  
V6T 1Z1

14 August 2006

To: Senate

From: Senate Curriculum Committee

Re: **GRADUATE STUDIES CURRICULUM REPORT**

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The Senate Curriculum Committee has approved the following new and changed programs and new courses in the summer under the provisions of Section 26 (b) of the *Rules and Procedures* of Senate for implementation in September 2006. The Committee requests that Senate ratify the approval granted.

## **Commerce & Business Administration**

- 1) The following new specialization in the **Master of Business Administration** program:
  - a. **Sustainability and Business**
- 2) The following new sub-specialization in the **Master of Business Administration** program:
  - a. **Sustainability and Business**
- 3) The following new courses:
  - a. **BASD 500** (1.5) Sustainable Development and Business
  - b. **BASD 501** (1.5) Corporate Social Responsibility
  - c. **BASD 502** (1.5) Case Studies in Global Environmental Issues
  - d. **BASD 503** (1.5) Role of International Non-Governmental Organizations
  - e. **BASD 504** (1.5) Environmental Marketing
  - f. **BASD 580** (1.5-6) d Special Topics in Sustainability and Business

## **Nursing**

- 1) The following new course:
  - a. **NURS 511** (3) Theoretical Foundations of Nursing Practice

## **Medicine**

- 1) The following changed programs:
  - a. **Doctor of Philosophy in Pathology and Laboratory Medicine**
  - b. **Master of Science in Pathology and Laboratory Medicine**



## UBC Curriculum Proposal Form Change to Course or Program

### Category: (1)

<b>Faculty:</b> Commerce <b>Department:</b> NA <b>Faculty Approval Date:</b> Nov 17, 2005  <b>Effective Session</b> ____ <b>Term</b> __ <b>Year</b> ____ <b>Effective September 2006</b>	<b>Date:</b> April 28, 2006 <b>Contact Person:</b> Dale Griffin <b>Phone:</b> 2-0156 <b>Email:</b> dale.griffin@sauder.ubc.ca
<b>Proposed Calendar Entry:</b>  <b>MBA Specialization and Sub-Specialization in Sustainability and Business</b>	<b>URL:</b>  <b>Present Calendar Entry:</b>  None.  <b>Type of Action:</b>  New Program.  <b>Rationale:</b>  Issues of sustainability are now entering the mainstream of business practice. A focus on this topic will soon be required by the mainstream business education accrediting bodies. We also receive requests from the business community to increase our coverage in the curriculum.  There is also a demand by students for increased exposure to the key issues of sustainability and their relevance to business practice.  <b><u>See Attached Proposal</u></b> which addresses this student demand.



## UBC Curriculum Proposal Form Change to Course or Program

**Category: (1)**

<b>Faculty: Commerce</b> <b>Department: NA</b> <b>Faculty Approval Date: Nov 17, 2005</b>  <b>Effective September 2006</b>	<b>Date: April 28, 2006</b> <b>Contact Person: Dale Griffin</b> <b>Phone: 2-0156</b> <b>Email: dale.griffin@sauder.ubc.ca</b>
<b>Proposed Calendar Entry:</b>  BASD 500 (1.5) Sustainable Development and Business  How sustainability affects current business practices	<b>URL:</b>  <b>Present Calendar Entry:</b> NONE  <b>Type of Action:</b> New Course  <b>Rationale:</b> Introduction to sustainable development with a focus on how sustainability issues impact on current business practices. See attached
<b>Proposed Calendar Entry:</b>  BASD 501 (1.5) Corporate Social Responsibility  Measuring and reporting environmental, social and economic impacts of business practices	<b>URL:</b>  <b>Present Calendar Entry:</b> NONE  <b>Type of Action:</b> New Course  <b>Rationale:</b> Fundamental corporate social responsibility concepts with a focus on measuring and reporting environmental, social and economic impacts of business practices. See attached.



<p><b>Proposed Calendar Entry:</b></p> <p>BASD 502 (1.5) Cast Studies in Global Environmental Issues</p> <p>Socio-economic, biological and technological aspects of global environmental issues.</p>	<p><b>URL:</b></p> <p><b>Present Calendar Entry:</b> NONE</p> <p><b>Type of Action:</b> New Course</p> <p><b>Rationale:</b> The socio-economic, biological and technological aspects of global environmental issues within the international frame, in both the developed and the developing world. See attached</p>
<p><b>Proposed Calendar Entry:</b></p> <p>BASD 503 (1.5) Role of International Non-Governmental Organizations</p> <p>The increasing role and power of international NGO's for delivering aid, impacting environmental policy, and creating non-tariff trade restrictions.</p>	<p><b>URL:</b></p> <p><b>Present Calendar Entry:</b> NONE</p> <p><b>Type of Action:</b> New Course</p> <p><b>Rationale:</b> International organizations, countries and corporations increasingly outsource activities to NGOs. This module examines the increasing role and power of international NGOs for delivering aid, impacting environmental policy, and creating non-tariff trade restrictions. See attached.</p>
<p><b>Proposed Calendar Entry:</b></p> <p>BASD 504 (1.5) Environmental Marketing</p> <p>Environmental marketing including green consumerism, environmental and sustainable certification, and segmentation.</p>	<p><b>URL:</b></p> <p><b>Present Calendar Entry:</b> NONE</p> <p><b>Type of Action:</b> New Course</p> <p><b>Rationale:</b> Explores environmental marketing including green consumerism, environmental and sustainable certification</p>



	and labeling, chain of custody issues, trends in green building, and segmentation to develop niche strategies for environmentally conscious consumers. See attached
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<b>Proposed Calendar Entry:</b>  BASD 580 (1.5-6) d Special Topics in Sustainability and Business	<b>Present Calendar Entry:</b> NONE  <b>Type of Action:</b> New Course  <b>Rationale:</b>  Special topics course in line with those for other MBA topics to allow for pilot courses and extraordinary teaching opportunities as part of the sub-specialization. See attached.
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## UBC Curriculum Proposal Form Change to Course or Program

**Category: (1)**

<b>Faculty:</b> Graduate Studies <b>Department:</b> Nursing <b>Faculty Approval Date:</b> October 18/05  <b>Effective Session</b> _W___ <b>Term</b> __1_ <b>Year</b> _2006__ <b>for Change</b>	<b>Date:</b> February 13, 2006 <b>Contact Person:</b> Carol Jillings <b>Phone:</b> 2-7479 <b>Email:</b> jillings@nursing.ubc.ca
<b>Proposed Calendar Entry:</b>  NURS 511 (3) Theoretical Foundations of Nursing Practice	<b>Type of Action:</b> new course  <b>Rationale:</b>  This course replaces Nursing 501 and 503 in this program. It is a synthesis of content on nursing knowledge and the critical application of core concepts.



## UBC Curriculum Proposal Form Change to Course or Program

**Category: (1)**

<p><b>Faculty: Medicine</b>  <b>Department: Pathology and Laboratory Medicine</b>  <b>Faculty Approval Date:</b>    <b>Effective Session Winter 2005 Term <u>2</u></b>  <b>Year <u>   </u> for Change</b></p>	<p><b>Date:</b>  <b>Contact Person: Dr. David Walker or Penny Woo</b>  <b>Phone: 604-822-7109</b>  <b>Email: pwoo@pathology.ubc.ca</b></p>
<p><b>Proposed Calendar Entry:</b></p> <p>Pathology and Laboratory Medicine</p> <p><i>Degrees Offered: Ph.D., M.Sc.</i></p> <p><b>Members</b></p> <p><b>Professors</b></p> <p>D. Brooks, A. M. Churg, N. Cimolai, P. Clement, D. de Sa, D. Devine, J. E. Dimmick, K. Dorovini-Zis, A. Eaves, E. Evans, J. Frohlich, C. Fyfe, W. J. Godolphin, J. L. Isaac-Renton, G. Krystal, V. Ling, G. Lockitch, A. B. Magil, B. McManus, D. A. Owen, M. Petric, P. H. Pritchard, J. Rootman, W. Shreiber, P. Sorensen, F. Takei, J. L. Wright, H. Ziltener.</p> <p><b>Associate Professors</b></p> <p>M. Allard, C. J. Carter, J. K. Chantler, C. B. Gilks, S. Hayashi, R. Hegele, A. Karsan, N. Kelly, M. Krajden, I. Mackenzie, M. Noble, J. O'Kusky, T. Podor, M. Scott, D. Seccombe, C. Seow, J. Tai, R. Tan, B. Verchere, J. Vielkind, D. Walker, V. White, D. Yang.</p> <p><b>Assistant Professors</b></p> <p>H. Cote, D. Granville, J. Hill, D. Huntsman, V. Lestou, Honglin Luo, T. Nielsen, M. O'Sullivan, C. Ong, E. Rajcan-Separovic, C. Wellington.</p> <p><b>Program Overview</b></p> <p>Experimental Pathology refers to research in any area of biomedical investigation that is relevant to human disease. Since it is necessary to understand the normal working of the system to fully define the changes associated with disease, the areas represented at UBC cover a wide range of fields and approaches. Work at all levels of biological organization is involved, from protein to lipoprotein biochemistry and molecular biology through cell and tumour</p>	<p><b>URL:</b>          (URL from the current web Calendar – not the draft calendar. This URL is not needed if you are only making changes to individual courses - for course entries simply list the course number.)</p> <p><b>Present Calendar Entry:</b></p> <p>Pathology and Laboratory Medicine</p> <p><i>Degrees Offered: Ph.D., M.Sc.</i></p> <p><b>Members</b></p> <p><b>Professors</b></p> <p>D. Brooks, A. M. Churg, N. Cimolai, P. Clement, D. de Sa, D. Devine, J. E. Dimmick, K. Dorovini-Zis, A. Eaves, E. Evans, J. Frohlich, C. Fyfe, W. J. Godolphin, J. L. Isaac-Renton, G. Krystal, V. Ling, G. Lockitch, A. B. Magil, B. McManus, D. A. Owen, M. Petric, P. H. Pritchard, J. Rootman, W. Shreiber, P. Sorensen, F. Takei, J. L. Wright, H. Ziltener.</p> <p><b>Associate Professors</b></p> <p>M. Allard, C. J. Carter, J. K. Chantler, C. B. Gilks, S. Hayashi, R. Hegele, A. Karsan, N. Kelly, M. Krajden, I. Mackenzie, M. Noble, J. O'Kusky, T. Podor, M. Scott, D. Seccombe, C. Seow, J. Tai, R. Tan, B. Verchere, J. Vielkind, D. Walker, V. White, D. Yang.</p> <p><b>Assistant Professors</b></p> <p>H. Cote, D. Granville, J. Hill, D. Huntsman, V. Lestou, Honglin Luo, T. Nielsen, M. O'Sullivan, C. Ong, E. Rajcan-Separovic, C. Wellington.</p> <p><b>Program Overview</b></p> <p>Experimental Pathology refers to research in any area of biomedical investigation that is relevant to human disease. Since it is necessary to understand the normal working of the system to fully define the changes associated with disease,</p>





biology, animal models for studies on pulmonary and cardiovascular pathophysiology and viral and bacterial infection processes, to clinical studies on human population and the AIDS epidemic. Projects suitable for graduate research are active in all these areas; current research funding awarded to faculty within the Department of Pathology exceeds \$6 million annually.

## ***Doctor of Philosophy***

### **Admission Requirements**

Students admitted to the Ph.D. degree program either: possess a master's degree in pathology or a related area with clear evidence of research ability or potential; or transfer from our MSc program having achieved a first class academic standing and demonstrated the ability to do research to the satisfaction of the supervisor and committee, or have completed a first class honors degree in a relevant field.

### **Program Requirements**

Students entering with an M.Sc. degree are not required to complete coursework other than Pathology 500A, Pathology 635 and, if necessary, Pathology 547, although other courses may be suggested by the Supervisory Committee. All Doctoral students must obtain 68% to pass any course.

Students who qualify to enter the PhD directly with a bachelor's degree must, during the first year of study, complete 12 credits with a first class average. Normally, 9 credits must be at the 500-level or above and at least 9 credits must be of first class standing.

Students who wish to transfer from the Master's to the PhD program are required to complete one year of study in the Master's program with 12 credits with a first class average. Normally, 9 credits must be at the 500-level or above and at least 9 credits must be of first class standing.

All Ph.D. students must pass a comprehensive examination within the first 18 months of initial registration. The examination consists of preparation of a research proposal (written according to the regulations for an application for a grant-in-aid from the Canadian Institutes of Health Research) on a topic which may be related to the student's own research project but must

the areas represented at UBC cover a wide range of fields and approaches. Work at all levels of biological organization is involved, from protein to lipoprotein biochemistry and molecular biology through cell and tumour biology, animal models for studies on pulmonary and cardiovascular pathophysiology and viral and bacterial infection processes, to clinical studies on human population and the AIDS epidemic. Projects suitable for graduate research are active in all these areas; current research funding awarded to faculty within the Department of Pathology exceeds \$6 million annually.

### **Degree Requirements**

#### **Doctor of Philosophy**

Students who apply with the equivalent of a First class honours degree may be admitted directly into the Ph.D. program. Such individuals must register for 18 credits of coursework, at least 10 of which must be graduate level courses during the first year. Doctoral students must obtain 68% to pass any course. To remain in the Ph.D. program, students must achieve a First class average with a minimum of 10 credits of First class standing in these courses. If this level is not obtained the student will be asked to complete an M.Sc. before embarking on a Ph.D. program. M.Sc. students who achieve at the academic level described above may be elevated directly into the Ph.D. program at the end of the first year if the student and supervisor agree and if such an elevation is recommended by the student's supervisory committee. Students entering with an M.Sc. are not required to complete coursework other than PATH 500A, PATH 635 and, if necessary, PATH 547, although other courses may be suggested by the supervisory committee.

All Ph.D. students must pass a comprehensive examination within the first 18 months of initial registration. The examination consists of preparation of a research proposal (written according to the regulations for an application for a grant-in-aid from the Medical Research Council of Canada) on a topic which may be related to the student's own research project but must be distinct from it. The proposal is presented and defended orally before an examination committee.

Each student must meet with his or her supervisory committee once a year and requires the committee's consent to prepare the thesis. This thesis is first presented and defended before a Departmental examination committee containing two individuals not on the supervisory committee. The process culminates in a public



be distinct from it. The proposal is presented and defended orally before an examination committee.

The major requirement for the Ph.D. is completion of a research thesis meeting the Faculty of Graduate Studies requirements. Each student must meet with his or her Supervisory Committee once a year and requires the Committee's consent to prepare the thesis. This thesis is first presented and defended before a Departmental examination committee containing two individuals not on the Supervisory Committee.

The program is expected to be completed in 4 to 5 years.

## ***Master of Science***

### **Admission Requirements**

To enter the M.Sc. program students must possess a bachelor's or M.D. degree with the academic background outlined in the Eligibility section.

During the first year, students must register for 12 credits of coursework, at least 9 of which must be graduate level courses..

### **Program Requirements**

Twelve credits of coursework (of which no more than six may be for undergraduate courses) plus an 18 credit thesis are required for completion. All students must register for Pathology 500A: Experimental Pathology (two credits), the seminar series Pathology 535 (two credits) and, if a similar such course has not been taken, Pathology 547: Molecular Biology Laboratory (three credits). The remaining courses are chosen by the student and supervisor, with consideration of the student's background and the research area of the thesis.

A minimum of 60% must be obtained in any course taken by a student enrolled in a master's program for the student to be granted Pass standing. However, only six credits of Pass standing may be counted towards a master's program. For all other courses, a minimum of 68% must be obtained.

Each student must meet with his or her Supervisory Committee, consisting of at least three faculty members, at least once a year

examination of the thesis by representatives of the student's advisory committee, two University examiners and an external examiner (whose comments are received in writing by the Examining Committee). A Ph.D. is normally completed in four to five years.

### **Master of Science**

To enter the M.Sc. program students must possess a bachelor's or M.D. degree with the academic background outlined in the Eligibility section. The program is expected to be completed in two to three years.

Eighteen credits of coursework (of which no more than 6 may be for undergraduate courses) plus an 18-credit thesis are required for completion. All students must register for PATH 500A: Experimental Pathology (2 credits), the seminar series PATH 535 (2 credits) and, if a similar such course has not been taken, PATH 547: Molecular Biology Laboratory (3 credits). The remaining courses are chosen by the student and supervisor, with consideration of the student's background and the research area of the thesis.

Each student must meet with his or her supervisory committee, consisting of at least three faculty members, at least once a year for a review of progress. The final examination consists of an oral presentation of the thesis and its defense before an examining committee.

### **Contact Information**

Department of Pathology and Laboratory Medicine  
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Tel: 604-822-7109  
Fax: 604-822-7635  
Email: [pwoo@pathology.ubc.ca](mailto:pwoo@pathology.ubc.ca)  
Web: [www.pathology.ubc.ca](http://www.pathology.ubc.ca)  
Penny Woo, Program Assistant



for a review of progress. The final examination consists of an oral presentation of the thesis and its defense before an examining committee.

The program is expected to be completed in 2 to 3 years.

***Contact Information:***

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Vancouver, BC V6T 2B5

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**Fax:** 604-822-7635

**Email:** pwoo@pathology.ubc.ca

**Web:** www.pathology.ubc.ca

**Penny Woo**, Program Assistant

**Type of Action:** Program credit change

**Rationale:** Please see letter from Dr. D.C. Walker.

When you have supporting documents for Category 1 proposals please label each document with the course number, or the name of the program, being proposed.