

**SENATE MEETING
PUBLIC SESSION
MINUTES**

January 25, 2012
3:30 – 5:30 PM

Room 1079 Administration Building (Senate Chambers)

Present:

E. Annis, G. Ashoughian, S. Beeler, D. Casperson, M. Dale, A. Dayanandan, B. DeWiel (representative of J. Young), J. Edwards, G. Fondahl, M. Green, S. Green, C. Greening, K. Guest, L. Handfield, T. Hanschen (Secretary of Senate), W. Haque, I. Hartley, K. Hutchings (Vice Chair), G. Iwama (Chair), E. Jensen, G. Johnson, A. Kitchenham, D. Leighton-Stephens, J. Li, D. Macknak, S. McKenzie, B. Murray, C. Myers (Recording), D. Nyce, C. O'Callaghan, C. Pacaide, D. Ryan, P. Sanborn, S. Wagner, E. Wale

Regrets:

M. Archie, L. Chen, B. Deo, R. Lazenby, R. Robinson, J. Young

Absent:

R. Brouwer, C. Carriere, M. Hadland, A. Nitu

The meeting commenced at 3:30 p.m.

1.0 S-201201.01

Approval of the Agenda

Annis / Kitchenham

That the agenda for the January 25, 2012 Public Session of Senate be approved as presented.

A Senator reported that he planned to provide a notice of motion under "Other Business."

CARRIED.

2.0 S-201201.02

Approval of Senate Minutes

Kitchenham / Wale

That the minutes of the December 14, 2011 Public Session of Senate be approved as presented.

CARRIED.

3.0 Business Arising from Previous Minutes of Senate

3.1 Master of Science in Biochemistry

Dean Hartley provided a written response to Senators with regard to questions raised about this matter at the previous meeting of Senate.

4.0 President's Report

Iwama

Dr. Iwama provided a report on several matters, including the restructuring of Board of Governors committees, engineering programs, and renewable energy systems (report attached to these minutes as "Appendix I").

5.0 Report of the Provost

Dale

The Provost had only one item to report, namely that Greg Condon had been appointed as the new Chief Information Officer and would begin working at UNBC on March 12, 2012.

6.0 Question Period

With regard to the Master of Science in Mathematical, Computer, and Physical Sciences, a Senator asked whether the paperwork associated with the establishment of the degree had been recovered, and Dean Hartley responded that the Ministry had been contacted about this but UNBC still did not have the information.

A Senator asked for clarification about whether UNBC is a member of Mitacs Globalink in 2012. Vice-President Fondahl responded, providing information about UNBC's status with regard to Mitacs Globalink, particularly that UNBC cannot participate in pilot programs but can participate in some initiatives using a pay-per-use option. The Senator followed up by asking what UNBC's total budget was for those types of initiatives and institutes, and Dr. Fondahl replied that she did not know offhand, but would bring this information back to the next Senate meeting. Dr. Iwama added that there is no set budget for these types of research initiatives, but that they are addressed when they come up.

Action: Dr. Fondahl to provide information at the next Senate meeting about the budget for research initiatives like Mitacs Globalink.

7.0 S-201201.03

Approval of Motions on the Consent Agenda (*no material*)

Ryan / Pacaide

That the motions on the consent agenda, except for those removed for placement on the regular agenda, be approved as presented.

A Senator requested that motion S-201201.20 (Changes to Degree Requirements — BA Major in Environmental Studies) be moved from the consent agenda to the regular agenda.

CARRIED.

8.0 Committee Reports

8.1 Senate Committee on Academic Policy and Planning

Dale

"For Approval" Items:

S-201201.04

New Course Approval — PHIL 210-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course PHIL 210-3 Philosophy of Mind be approved as proposed.

Proposed semester of first offering: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striketrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course provides an introduction to fundamental issues in the philosophy of mind including the nature of the mind, the relationship between the mind and the body, and the nature of our thoughts and perceptions. Also included is an introduction to the works of some of the leading philosophers in the field.

Precluded: PSYC 202-3

Prerequisites: None

Recommended: PSYC 101-3

S-201201.05

New Course Approval — PHIL 325-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course PHIL 325-3 Moral Philosophy be approved as proposed.

Proposed semester of first offering: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course is a survey of historical and contemporary western moral philosophy. Topics include philosophical ideas such as Platonism, virtue ethics, voluntarism, naturalism, Kantianism, social contract theory and consequentialism.

Precluded: POLS 317-3

S-201201.06

Changes to Program Requirements — Minor in Philosophy

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the revision to the Minor in Philosophy, on page 169 of the 2011/2012 undergraduate calendar, be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Required

PHIL 205-3	Introduction to the History of Philosophy
PHIL 305	History of Philosophy: Early Modernity to Post-Modernity
or POLS 370	Political Philosophy: Early Modernity to Post-Modernity

One of:

ECON 202-3	History of Economic Thought
ENGL 200-3	Gender and Literary Theory
PHIL 200-3	Critical Thinking
PHIL 201-3	Philosophy of Science
PHIL 202-3	Comparative Religion
<u>PHIL 210-3</u>	<u>Philosophy of Mind</u>
<u>or PSYC 202-3</u>	<u>Philosophy of Mind</u>
POLS 270-3	Political Philosophy: Antiquity to Early Modernity

Three of:

COMM 332-3	Business and Professional Ethics
ENGL 300-3	Theory
FNST 303-3	First Nations Religion and Philosophy

FNST 304-3	First Nations Environmental Philosophy and Knowledge
HIST 300-3	Historiography: The Nature of the Historical Discipline
<u>PHIL 325-3</u>	<u>Moral Philosophy</u>
or POLS 317-3	<u>Ethics Moral Philosophy</u>
WMST 311-3	History of Feminism
ANTH 401-3	Anthropological Perspectives on Inequality
ANTH 405-3	Topics in Landscapes and Place
ANTH 406-3	Feminist Perspectives in Anthropology
ENGL 400-3	Contemporary Theory
ENVS 414-3	Environmental and Professional Ethics
POLS 400-(3-6)	Classics in Political Theory <u>Philosophy</u>
POLS 472-3	Contemporary Theories of Political Community <u>Seminar in Political Philosophy</u>
WMST 411-3	Contemporary Feminist Theories

S-201201.07

Course Deletion — POLS 250-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, POLS 250-3 Law and Municipal Government be deleted from the calendar, on page 259 of the 2010/2011 undergraduate calendar, as proposed.

Effective date: May 2012

CARRIED (consent agenda).

S-201201.08

Course Deletion — POLS 251-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, POLS 251-3 Local Services and Public Policy be deleted from the calendar, on page 259 of the 2010/2011 undergraduate calendar, as proposed.

Effective date: May 2012

CARRIED (consent agenda).

S-201201.09

Course Deletion — POLS 260-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, POLS 260-3 Politics of Public Finance be deleted from the calendar, on page 259 of the 2010/2011 undergraduate calendar, as proposed.

Effective date: May 2012

CARRIED (consent agenda).

S-201201.10

New Course Approval — POLS 344-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course POLS 344-3 Society, Policy and Administration of Natural Resources be approved as proposed.

Proposed semester of first offering: September 2012 or January 2013

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course on natural resource and environmental management explores the ways in which ideas and interests are articulated and conflicts are resolved within the policy process.

Prerequisites: Upper-division standing or permission of the instructor

Precluded: NREM 306-3 and POLS 334-3

S-201201.11

New Course Approval — POLS 350-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course POLS 350-3 Law and Municipal Government be approved as proposed.

Proposed semester of first offering: May 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course is an examination of the legislation, regulations and court decisions relevant to municipal governments in British Columbia.

Prerequisites: Upper-division standing or permission of the instructor

Precluded: POLS 250-3

S-201201.12

New Course Approval — POLS 351-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course POLS 351-3 Local Services and Public Policy be approved as proposed.

Proposed semester of first offering: May 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course examines local government services and the challenges involved in their delivery to local communities. Topics include public works, protective services, refuse collection, recreation and cultural services, health and social services and environmental protection.

Prerequisites: Upper-division standing or permission of the instructor

Precluded: POLS 251-3

S-201201.13

New Course Approval — POLS 360-3

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course POLS 360-3 Politics of Public Finance be approved as proposed.

Proposed semester of first offering: May 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course examines budgeting with a particular focus on local government. Topics include assessment, taxation collection, the development of local budgets, provincial and federal government transfers and long-term financial planning.

Prerequisites: Upper-division standing or permission of the instructor

Precluded: POLS 260-3

S-201201.14

New Course Approval — POLS 422-(3-6)

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course POLS 422-(3-6) Ethnographic Research Project be approved as proposed.

Proposed semester of first offering: May 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Ethnographic Research Project-(3-6): This course gives students the experience of a field school in which they study selected aspects of politics, cultures and peoples in order to design and carry out a major research project. Course materials vary depending on the location of the field school and on the general research topic. This course may be repeated to a maximum of 6 credit hours.

Prerequisites: Upper-division standing and permission of the Chair

Precluded: ANTH 422-(3-6)

S-201201.15

Changes to Program Requirements — Certificate in Public Administration

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the revision to the Certificate in Public Administration, on page 175 of the 2011/2012 undergraduate calendar, be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Certificate Requirements

100 Level

ENGL 170-3 Writing and Communication Skills

ECON 101-3 Macroeconomics

POLS 100-3 Contemporary Political Issues

200 Level

COMM 210-3 Financial Accounting

POLS 200-3 Canadian Government and Politics

~~POLS 250-3* Law and Municipal Government~~

~~POLS 251-3* Local Services and Public Policy~~

~~POLS 260-3* Politics of Public Finance~~

300 Level

POLS 316-3* Municipal Government and Politics

POLS 350-3* Law and Municipal Government

POLS 351-3* Local Services and Public Policy

POLS 360-3* Politics of Public Finance

Three credit hours of electives at any level and in any subject.

*Courses for the MOA Intermediate Certificate in Municipal Administration.

An Executive Summary of the proposed revisions to the Major in Environmental Science was included for information.

S-201201.16

Changes to Program Requirements — Major in Environmental Science

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the required courses and credit hours for the Major in Environmental Science on page 117-120 of the 2010/2011 undergraduate calendar, be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Major in Environmental Science

The Environmental Science Bachelor of Science is an interdisciplinary degree in which students take a core curriculum ~~in the environmental sciences along with focus in the area of their choice. Students in this degree will gain an appreciation an area of specialization.~~ The core curriculum is designed to provide students with knowledge of the fundamental biological, chemical ~~and~~, physical and applied aspects integral to the field of environmental science. In addition, ~~they will~~ students receive exposure to many of the human dimensions that underlie ~~many of these~~ environmental issues. This approach ~~will ensure~~ a uniform preparation among students and allows for the development of a diversity of expertise necessary to address the complexity of present, future and unanticipated environmental problems.

The ~~program~~ degree has been designed in part to address educational components of the National Occupational Standards (NOS) for Environmental Employment set out by ~~The Canadian Council for Human Resources in the Environment Industry (CCHREI)~~ Environmental Careers Organization (ECO Canada). The NOS forms the basis of the Canadian Certified Environmental Practitioner (CCEP) accreditation process of the Canadian Environmental Certification Approvals Board (CECAB).

Degree requirements: 103 credit hours

Area of focus: 12 credit hours

~~Elective credit hours in any subject as necessary to ensure completion of a minimum of 127 credit hours.~~

~~Note: Students without a background in Political Science should take~~ POLS 100-3 (Contemporary Political Issues).

Program Requirements

~~*Important: Courses with an asterisk (*) have prerequisites not taken in the major requirements; it is the student's responsibility to ensure that they have completed the required prerequisites.~~

Lower Division Requirement

100 Level

- ~~BIOL 101-4~~ - Introductory Biology I
- ~~BIOL 102-4~~ - Introductory Biology II
- ~~CHEM 100-3~~ - General Chemistry I
- ~~CHEM 101-3~~ - General Chemistry II

- CHEM 120-4 - General Chemistry Lab I
- CHEM 121-4 - General Chemistry Lab II
- MATH 100-3 - Calculus I
- MATH 101-3 - Calculus II
- PHYS 100-4 - Introduction to Physics I
- and PHYS 101-4 - Introduction to Physics II
- or PHYS 110-4 - Introductory Physics I: Mechanics
- and PHYS 111-4 - Introductory Physics II: Waves and Electricity

200 Level

- BIOL 201-3 - Ecology
- BIOL 203-3 - Microbiology
- CHEM 201-3 - Organic Chemistry I
- CHEM 250-4 - Organic Chemistry Lab I
- ENSC 201-3 - Weather and Climate
- ENSC 202-3 - Introduction to Aquatic Systems
- FSTY 205-3 - Introduction to Soil Science
- GEOG 205-3 - Cartography and Geomatics
- GEOG 210-3 - Geomorphology
- MATH 240-3 - Basic Statistics
-
- or MATH 371-3 - Probability and Statistics for Scientists and Engineers

Upper Division Requirement

300 Level

- ENSC 308-3 - Northern Contaminated Environments
- ENPL 305-3 - Environmental Impact Assessment

Two of:

- CHEM 200-3 - Physical Chemistry I
- CHEM 203-3 - Organic Chemistry II
- with CHEM 251-4 - Organic Chemistry Lab II
- CHEM 210-3 - Analytical Chemistry I
- CHEM 204-3 - Introductory Biochemistry
- CHEM 302-4 - Environmental Chemistry I
- PHYS 307-3 - Environmental Physics

Two of:

- BIOL 302-3 - Limnology
- ENSC 312-3 - Boundary-layer Meteorology
- ENSC 350-3 - Fluid Mechanics
- ENSC 408-3 - Storms
- ENSC 425-3 - Global Change Science

- ENSC 435-3 - Soil Biological Processes and the Environment
- ENSC 454-3 - Snow and Ice
- ENSC 460-3 - Soil Chemical Processes and the Environment
- GEOG 310-3 - Hydrology
- GEOG 311-3 - Concepts in Geomorphology

One of:

- ENVS 309-3 - Women and Environmental Studies
- FNST 304-3 - First Nations Environmental Philosophy and Knowledge
- GEOG 401-3* - Resource Geography
- GEOG 402-3* - Geography of the Circumpolar North
- GEOG 403-3* - Aboriginal Geography
- INTS 307-3* - Global Resources
- INTS 340-3* - The Circumpolar North in Global Perspective
- INTS 410-3* - Environment and Development in the Circumpolar North

400 Level

- ENSC 406-3 - Environmental Modelling
- ENSC 418-3 - Environmental Measurement and Analysis
- ENPL 401-3* - Environmental Law
- ENVS 414-3 - Environmental and Professional Ethics

Two of:

- ENSC 302-3 - Energy Development
- ENSC 404-3 - Waste Management
- ENSC 412-3 - Air Pollution
- ENSC 451-3 - Groundwater Hydrology
- ENSC 452-3 - Reclamation and Remediation of Disturbed Environments
- ENSC 453-3 - Environmental Resources Management and Decision Making
- NREM 410-3 - Watershed Management

Areas of Focus

Students must choose to focus in an environmental system (atmospheric, aquatic, terrestrial or ecological), in Environmental Chemistry or in Environmetrics (environmental techniques). Four courses chosen from one of the following lists are required, with the following provisions:

1. at least two of the courses must be at the upper division (300 or 400 level); and
2. courses used to fulfill major requirements above may not be used to fulfill an area of focus requirement.

Note: For the courses listed below, it is the student's responsibility to ensure prerequisite courses have been completed.

Aquatic Systems

- BIOL 204-3 - Plant Biology
- BIOL 302-3 - Limnology
- BIOL 307-3 - Ichthyology and Herpetology

- BIOL 402-3 - Aquatic Plants
- BIOL 406-3 - Fish Ecology
- ENSC 350-3 - Fluid Mechanics
- ENSC 451-3 - Groundwater Hydrology
- ENSC 454-3 - Snow and Ice
- GEOG 310-3 - Hydrology
- GEOG 405-3 - Fluvial Geomorphology
- NREM 410-3 - Watershed Management
- or one of: - ([Environmetrics list](#))

Atmospheric Systems

- CHEM 200-3 - Physical Chemistry I
- CHEM 302-4 - Environmental Chemistry I
- ENSC 312-3 - Boundary-layer Meteorology
- ENSC 408-3 - Storms
- ENSC 412-3 - Air Pollution
- ENSC 425-3 - Global Change Science
- ENSC 454-3 - Snow and Ice
- PHYS 307-3 - Environmental Physics
- or one of: - ([Environmetrics list](#))

Ecological Systems

- BIOL 202-3 - Invertebrate Zoology
- BIOL 204-3 - Plant Biology
- BIOL 210-3 - Genetics
- BIOL 301-3 - Systematic Botany
- BIOL 307-3 - Ichthyology and Herpetology
- BIOL 308-3 - Ornithology and Mammalogy
- BIOL 401-3 - Plant-Microbial Interactions
- BIOL 402-3 - Aquatic Plants
- BIOL 404-3 - Plant Ecology
- BIOL 406-3 - Fish Ecology
- BIOL 410-3 - Population and Community Ecology
- BIOL 411-3 - Conservation Biology
- FSTY 206-3 - Forest Biology
- or one of: - ([Environmetrics list](#))

Terrestrial Systems

- ENSC 325-3 - Soil Physical Processes and the Environment
- ENSC 404-3 - Waste Management
- ENSC 435-3 - Soil Biological Processes and the Environment
- ENSC 451-3 - Groundwater Hydrology
- ENSC 460-3 - Soil Chemical Processes and the Environment

- FSTY 415-3 - Forest Soils
- FSTY 425-3 - Soil Formation and Classification
- GEOG 311-3 - Concepts in Geomorphology
- GEOG 405-3 - Fluvial Geomorphology
- GEOG 411-3 - Advanced Elements in Geomorphology
- GEOG 412-3 - Geomorphology of Cold Regions
- GEOG 414-3 - Weathering Processes
- Or one of: - (~~Environmetrics list~~)

Environmental Chemistry

Note: Students selecting this focus area and who have not taken CHEM 210-3 elsewhere in their program must select it here.

- CHEM 200-3 - Physical Chemistry I
- CHEM 203-3 - Organic Chemistry II
- CHEM 210-3 - Analytical Chemistry I
- CHEM 302-4 - Environmental Chemistry I
- CHEM 310-3 - Analytical Chemistry II
- CHEM 311-3 - Analytical Chemistry III
- CHEM 400-3 - Topics in Environmental Chemistry
- CHEM 403-3 - Topics in Inorganic Chemistry
- CHEM 405-3 - Topics in Biochemistry
- CHEM 408-3 - Environmental Chemistry II
- CHEM 410-3 - Topics in Analytical Chemistry
- ENSC 460-3 - Soil Chemical Processes and the Environment
- Or one of: - (~~Environmetrics List~~)

Environmetrics

- CPSC 110-3 - Introduction to Computer Systems and Programming
- CPSC 311-3 - Computer Applications Programming
- ENSC 450-3 - Geophysical Data Analysis
- ENSC 453-3 - Environmental Resources Management and Decision Making
- GEOG 300-3 - Geographic Information Systems
- GEOG 413-3 - Advanced GIS
- GEOG 432-3 - Remote Sensing
- MATH 200-3 - Calculus III
- MATH 220-3 - Linear Algebra
- MATH 230-3 - Linear Differential Equations and Boundary Value Problems
- MATH 335-3 - Numerical Analysis I
- MATH 336-3 - Intermediate Differential Equations
- MATH 372-3 - Mathematical Statistics
- MATH 441-3 - Nonparametric Statistics

Elective and Academic Breadth Requirement

Elective Undergraduate students are required to take a total of 97 credit hours of program core requirements in addition to an Area of Specialization as indicated below. The Area of Specialization allows students to develop expertise within an area of their interest. The major requires elective credit hours as necessary to ensure completion of a minimum of ~~127~~124 credit hours, including any additional credit hours necessary to meet the Academic Breadth requirement of the University (see Undergraduate Academic Regulation 15).

Program Core Requirements

Lower-Division Requirement

BIOL 101-4 Introductory Biology I

BIOL 102-4 Introductory Biology II

CHEM 100-3 General Chemistry I

CHEM 101-3 General Chemistry II

CHEM 120-1 General Chemistry Lab I

CHEM 121-1 General Chemistry Lab II

ENSC 111-1 Introduction to Environmental Science

MATH 100-3 Calculus I

MATH 101-3 Calculus II

PHYS 100-4 Introduction to Physics I

and PHYS 101-4 Introduction to Physics II

OR

PHYS 110-4 Introductory Physics I: Mechanics

and PHYS 111-4 Introductory Physics II: Waves and Electricity

(PHYS 110-4 and PHYS 111-4 are strongly recommended.)

BIOL 201-3 Ecology

BIOL 203-3 Microbiology

ENSC 201-3 Weather and Climate

ENSC 202-3 Introduction to Aquatic systems

FSTY 205-3 Introduction to Soil Science

GEOG 205-3 Cartography and Geomatics

GEOG 210-3 Geomorphology

MATH 240-3 Basic Statistics

or MATH 371-3 Probability and Statistics for Scientists and Engineers

3 credit hours of any 200-level CHEM

Upper-Division Requirement

ENPL 305-3 Environmental Impact Assessment

ENSC 308-3 Northern Contaminated Environments

ENPL 401-3 Environmental Law

ENSC 406-3 Environmental Modelling

ENSC 418-3 Environmental Measurement and Analysis

ENSC 440-3 Internship*

or ENSC 499-3 Independent Study

ENSC 450-3 Environmental and Geophysical Data Analysis

ENVS 414-3 Environmental and Professional Ethics

One of:

FNST 304-3 First Nations Environmental Philosophy and Knowledge

GEOG 401-3 Resource Geography

INTS 307-3 Global Resources

ENVS 325-3 Global Environmental Change: Science and Policy

OR 3 credit hours of any upper-division ENVS course

Two of:

ENSC 404-3 Waste Management

ENSC 412-3 Air Pollution

ENSC 451-3 Groundwater Hydrology

ENSC 452-3 Reclamation and Remediation of Disturbed Environments

And 6 credit hours from the following (if not already taken above):

ENSC 302-3 Energy Development

ENSC 312-3 Biometeorology

ENSC 325-3 Soil Physical Properties and the Environment

ENSC 350-3 Fluid Mechanics

ENSC 404-3 Waste Management

ENSC 408-3 Storms

ENSC 412-3 Air Pollution

ENSC 425-3 Climate Change and Global Warming

ENSC 435-3 Soil Biological Processes and the Environment

ENSC 440-(3) Internship

ENSC 451-3 Groundwater Hydrology

ENSC 452-3 Reclamation and Remediation of Disturbed Environments

ENSC 454-3 Snow and Ice

ENSC 460-3 Soil Chemical Processes and the Environment

ENSC 498-(1-6) Special Topics

ENSC 499 (3) Independent Study

FSTY 415-3 Forest Soils

FSTY 425-3 Soil Formation and Classification

GEOG 300-3 Geographic Information Systems (GIS)

GEOG 310-3 Hydrology

or NREM 410-3 Watershed Management

GEOG 311-3 Drainage Basin Geomorphology

GEOG 312-3 Geography of Cold Regions

GEOG 320-3 Sedimentology

GEOG 405-3 Fluvial Geomorphology

GEOG 411-3 Quaternary and Surficial Geology

GEOG 413-3 Advanced GIS

GEOG 414-3 Weathering Processes

GEOG 432-3 Remote Sensing

GEOG 457-3 Advanced Remote Sensing

*Students with extensive experience related to the environment may be waived from this degree requirement with approval from the Program

Area of Specialization Requirement for BSc (Major) in Environmental Science

Environmental Science majors are required to complete an area of specialization satisfying the requirements of any available minor at UNBC as part of their degree. A minor allows students to specialize in a subject area relevant to the advancement, utilization and dissemination of environmental knowledge. Some minors may result in students taking more than the required 124 credit hours in order to obtain the Environmental Science Major. Many minors allow 100-level prerequisite courses and an additional 6 credit hours of other courses to be used for meeting the requirements of both the major and minor. Check the current UNBC undergraduate calendar for the requirements of the following minors available at UNBC.

BSc (Honours) in Environmental Science

The BSc Honours-Environmental Science provides a higher level of specialization and research experience, especially for students planning to proceed to postgraduate work.

Honours students are required to complete the degree requirements for the BSc Environmental Science Major. ~~In addition to the total number of credits required for the Environmental Science Major (i.e. Degree Requirements plus Area of Focus courses and Electives), each student must complete 6 credit hours of upper division courses selected from their Area of Focus, as well as ENSC 430-6 or NRES 430-6,~~ with the exception that Honours students must complete an undergraduate thesis chosen from ENSC 430-6 (Undergraduate Thesis), or NRES 430-6 (Undergraduate Thesis) in place of the requirement for ENSC 440-3 (Internship) or ENSC 499-3 (Independent Study). ENSC 440-3 or ENSC 499-3 may be taken by Honours students, but they are not required for the Honours degree. The undergraduate thesis must be conducted under the supervision of a faculty member.

~~The honours program is available after completing 60 credits in the Environmental Science Major and attaining a CGPA of not less than 3.33. The minimum requirement for a BSc Honours degree is 127 credit hours. Students are responsible to find their own undergraduate thesis research supervisor. Faculty members are under no obligation to supervise Honours students.~~

To be admitted to the ~~H~~ Honours degree program, students must have completed 60 credit hours and obtained a minimum Cumulative GPA of 3.33. Attaining the minimum requirement will not guarantee admission into the ~~H~~ Honours program, which will be at the discretion of the ~~Program~~ Environmental Science ~~p~~Program. Maintenance of a Cumulative GPA of 3.33 is required to remain in the ~~H~~ Honours program.

S-201201.17

New Course Approval — ENSC 111-1

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new course ENSC 111-1 Introduction to Environmental Science be approved as proposed.

Proposed semester of first offering: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

This course introduces students to the discipline of environmental science. Students are exposed to a variety of environmental science topics through seminars, lectures, assignments and invited presentations. Some field trips may be required.

S-201201.18

New Program Approval — Minor in Aquatic Science

Ryan / McKenzie

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new Minor in Aquatic Science be approved as proposed.

Proposed start date: September 2012

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Minor in Aquatic Science

The minor in Aquatic Science provides students with an opportunity to focus on aquatic processes associated with different water environments, such as rivers, lakes and groundwaters. Emphasis is given to physical, chemical and biological processes that govern the movement, fate and management of water on timescales of seconds to decades.

Students are required to take 35 credit hours. Of these, 14 credit hours are foundational courses in Chemistry, Mathematics, and Physics; 12 credit hours are required aquatic science courses; and 9 credit hours are selected from a list of suggested elective courses. In addition to the 14 credit hours of foundational courses at the 100 level, an additional 6 credit hours of upper-division courses can also be used to meet the requirements of a major or another minor.

Curriculum:

Required Courses

CHEM 100-3 General Chemistry I

CHEM 120-1 General Chemistry Lab I

MATH 100-3 Calculus I

MATH 101-3 Calculus II

PHYS 100-4 Introduction to Physics I

or PHYS 110-4 Introductory Physics I: Mechanics

(PHYS 110-4 is strongly recommended.)

ENSC 202-3 Introduction to Aquatic Systems

BIOL 302-3 Limnology

GEOG 310-3 Hydrology

or NREM 410-3 Watershed Management

ENSC 451-3 Groundwater Hydrology

Elective Courses*

Nine credit hours from the following list:

GEOG 311-3 Drainage Basin Geomorphology

ENSC 350-3 Fluid Mechanics

GEOG 405-3 Fluvial Geomorphology

ENSC 450-3 Environmental and Geophysical Data Analysis

ENSC 454-3 Snow and Ice

BIOL 402-3 Aquatic Plants

BIOL 406-3 Fish Ecology

*Students must ensure that all prerequisites are fulfilled prior to registering in any course.

S-201201.19

New Program Approval — Minor in Atmospheric Science

Ryan / Jensen

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new Minor in Atmospheric Science be approved as proposed.

Proposed start date: September 2012

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strikethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Minor in Atmospheric Science

The minor in Atmospheric Science provides students with an opportunity to focus on atmospheric processes.

Atmospheric Science, or meteorology, is the study of Earth's atmosphere, weather and climate. The minor in Atmospheric Science provides students with an opportunity to focus on atmospheric processes that occur near Earth's surface. Emphasis is given to physical and chemical processes that govern the development of weather systems on timescales of days and that regulate Earth's climate on timescales of decades.

Students are required to take 35 credit hours. Of these, 17 credit hours are foundational courses in Chemistry, Geography, Mathematics, and Physics; 12 credit hours are required atmospheric science courses; and 6 credit hours are selected from a list of suggested elective courses. In addition to the 17 credit hours of foundational courses at the 100 level, an additional 6 credit hours of upper-division courses can also be used to meet the requirements of a major or another minor. NOTE: Some upper-division courses may be taught in alternate years; students should consider this when planning their course schedules.

Required Courses

CHEM 100-3 General Chemistry I

CHEM 120-1 General Chemistry Lab I

ENSC 201-3 Weather and Climate

ENSC 312-3 Biometeorology

ENSC 408-3 Storms

ENSC 425-3 Climate Change and Global Warming

GEOG 100-3 Environments and People: The Geography of Natural Hazards

MATH 100-3 Calculus I

MATH 101-3 Calculus II

PHYS 100-4 Introduction to Physics I

or PHYS 110-4 Introductory Physics I: Mechanics

(PHYS 110-4 is strongly recommended.)

Elective Courses*

Six credit hours from the following list

ENSC 412-3 Air Pollution

ENSC 450-3 Environmental and Geophysical Data Analysis

ENSC 454-3 Snow and Ice

GEOG 310-3 Hydrology

or NREM 410-3 Watershed Management

*Students must ensure that all prerequisites are fulfilled prior to registering in any course.

S-201201.20

Changes to Degree Requirements — BA Major in Environmental Studies

Jensen / Ryan

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the changes to the degree requirements for the BA Major in Environmental Studies, on page 120 of the 2011/2012 undergraduate calendar, be approved as proposed.

Effective date: September 2012

Dr. Annie Booth requested a revision to the required courses for the “Communities and Environmental Citizenship” Area of Focus for this degree, noting that the change was requested because there had been an issue associated with scheduling the initially-proposed course on a regular basis.

CARRIED, with the proposed revisions as requested.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Environmental Studies (BA Program)

Major in Environmental Studies

The Bachelor of Arts in Environmental Studies emphasizes a ~~s~~Social ~~s~~Science and ~~h~~Humanities perspective on environmental issues. The program provides a strong philosophical, social and scientific basis for understanding the full diversity of environmental issues and positions students to be effective agents for mitigation of, and/or adaptation to, environmental change. An emphasis is placed upon understanding Environmental Citizenship.

Degree requirements: ~~72 credit hours~~

~~Area of focus: 24 to 29 credit hours~~

Students must complete the common degree requirements, the requirements of the area of focus and elective credit hours in any subject as necessary to ensure completion of a minimum of 120 credit hours, including any additional credits necessary to meet the Academic Breadth requirement of the University (see Academic Regulation 15).

Program Requirements

Lower-Division Requirement

100 Level

ANTH 101-3	Peoples and Cultures-
ANTH 102-3	<u>Anthropology: A World of Discovery</u>
or FNST 100-3	The Aboriginal Peoples of Canada
BIOL 110-3	Introductory Ecology
CHEM 110-3	Chemistry for Everyday Life
or CHEM 100-3	General Chemistry I
or <u>PHYS 150-3</u>	<u>Physics for Future Leaders</u>
ENPL 104-3	Introduction to Planning
ENVS 101-3	Introduction to Environmental Citizenship
GEOG 100-3	Environments and People
<u>GEOG 101-3</u>	<u>Human Geographies of Global Change</u>
POLS 100-3	Contemporary Political Issues

Note: CPSC 150-3 (*Computer Applications*) is recommended for students without computing

experience. Students who wish to take the Science, Technology and Society area of focus should take BIOL 101-4 and 102-4 instead of BIOL 110. Students who wish to take the First Nations area of focus should choose FNST 100-3.

200 Level

ENGL 270-3	Expository Writing
or ENGL 271-3	Creative Writing
ENPL 205-3	- Environment and Society
GEOG 204-3	GIS for the Social Sciences
or GEOG 300-3	Geographic Information Systems
GEOG 205-3	Cartography and Geomatics
PHIL 202-3	Comparative Religion
or FNST 303-3	First Nations Religion and Philosophy

Upper-Division Requirement

300 Level

ENPL 319-3	Social Research Methods
<u>ENVS 306-3</u>	<u>Human Ecology</u>
<u>ENVS 309-3</u>	<u>Gender and Environmental Studies</u>
ENVS 325-3	Global Environmental Change: Science and Policy
ENVS 326-3	Natural Resources, Environmental Issues and Public Engagement
INTS 307-3	Global Resources
or GEOG 401-3	Resource Geography
or HIST 360-3	An Introduction to Environmental History
NREM 303-3	First Nations' Approaches to Resource Management
or GEOG 401-3	Resource Geography
or ENPL 208-3	First Nations Community and Environmental Planning

400 Level

ENPL 401-3	Environmental Law
ENVS 414-3	Environmental and Professional Ethics
ENVS 440-3	Internship
GEOG 424-3	- Social Geography of Northern Communities
NRES 421-1 and NRES 422-2	Professional Writing and Undergraduate Report
or NRES 430-6	Undergraduate Thesis
POLS 434-3	Resource Communities in Transition
<u>PSYC 408-3</u>	<u>Environmental Problems and Human Behaviour</u>
or <u>ORTM 408-3</u>	<u>The Psychology of Recreation and Tourism</u>
<u>GEOG 420-3</u>	<u>Geographies of Environmental Justice</u>
or <u>GEOG 305-3</u>	<u>Political Ecology</u>

Areas of Focus

Students must choose one of the following areas of focus. Courses used to fulfill major requirements above may not be used to satisfy an area of focus requirement.

1. Global Environmental Studies
2. Communities and Environmental Citizenship
3. Natural Resource Management
4. Science, Technology and Society
5. First Nations

Global Environmental Studies

Required

INTS 101-3 Canada and the World

or INTS 205-3 Introduction to International Studies

~~GEOG 101-3 Human Geography~~

GEOG 206-3 Social Geography

Choose ~~seven~~ eight of the following:

~~ANTH 405-3 Landscape, Place and Culture~~

FNST 416-3 Indigenous Perspective

GEOG 306-3 Geography of International Development

GEOG 402-3 Geography of Circumpolar North

~~GEOG 422-3 Geography of World Economy~~

GEOG 426-3 Geography of Culture, Rights and Power

INTS 309-3 Global Science and Technology

INTS 371-3 Globalization

INTS 410-3 Environment and Development in the Circumpolar North

INTS 470-3 International Environmental Policy

INTS 480-3 Pacific Environment

NORS 101-3 Introduction to Circumpolar North

NORS 311-3 Lands and Environment of the Circumpolar North 1

NORS 331-3 Contemporary Issues of the Circumpolar North

ORTM 403-3 International Dimensions of Outdoor Recreation and Tourism

ORTM 414-3 Polar Tourism and Recreation

~~POLS 415-3 Comparative Northern Development~~

Communities and Environmental Citizenship (GEOG 101)

Required: ENPL 301-3 Sustainable Communities: Structure and Sociology

GEOG 206-3 Social Geography

GEOG 426-3 Culture, Rights and Power

~~POLS 335-3 Community Politics~~

~~Or POLS 316-3 Community Government and Politics~~

Choose ~~five~~ six of:

~~ANTH 405-3 Topics in Landscape and Place~~

COMM 100-3 Introduction to Canadian Business

COMM 230-3 Organizational Behaviour
ENPL 205-3 Environment and Society
ENPL 304-3 Mediation, Negotiation and Public Participation
ENPL 313-3 Rural Community Economic Development
FNST 215-3 Issues in External Relations for Contemporary Indigenous Peoples
FNST 407-3 First Nations Perspectives on Race, Class, Gender and Power
GEOG 308-3 Introduction to Medical Geography
GEOG 309-3 Geography of Migration and Settlement
ORTM 100-3 Leisure in Life
ORTM 200-3 Sustainable Outdoor Recreation and Tourism
ORTM 407-3 Recreation, Tourism and Communities
POLS 316-3 Community Government and Politics

Natural Resource Management

Students should note that some of these courses have pre-requisites. It is the student's responsibility to ensure they have completed these pre-requisites.

Required: NREM 100-3 Natural Resources Management I
NREM 101-3 Natural Resources Management II
NREM 210-3 Integrated Resource Management
ORTM 100-3 Leisure in Life

Choose one of:

FNST 203-3 Introduction to Traditional Ecological Knowledge
NREM 203-3 Resource Inventories and Measurements
ORTM 200-3 Sustainable Outdoor Recreation and Tourism

Choose four of:

ENPL 304-3 Mediation, Negotiation and Public Participation
ENPL 305-3 Environmental Impact Assessment
ENSC 302-3 Energy Development
GEOG 401-3 Resource Geography
HIST 360-3 Introduction to Environmental History
INTS 307-3 Global Resources
INTS 309-3 Global Science and Technology
NREM 333-3 Field Applications in Resource Management
NREM 400-3 Natural Resources Planning
ORTM 300-3 Recreation and Tourism Impacts
ORTM 305-3 Protected Areas Planning and Management
ORTM 400-3 Conservation Area Design and Management
POLS 315-3 Contemporary Issues in Circumpolar World

Science, Technology, and Society

Students should note that some of these courses have pre-requisites. It is the student's responsibility to ensure they have completed these pre-requisites.

Required: BIOL 101-4 Introductory Biology I

BIOL 102-4 Introductory Biology II
BIOL 201-3 Ecology
INTS 309-3 Global Science and Technology

Choose six of:

ENSC 201-3 Weather and Climate
ENSC 202-3 Introduction to Aquatic Systems
ENPL 303-3 Spatial Planning with Geographical Information
ENSC 308-3 Northern Contaminated Environments
ENSC 404-3 Waste management
ENSC 425-3 Global Change Science
FSTY 205-3 Introduction to Soil Science
INTS 205-3 Introduction to International Studies
NREM 333-3 Field Applications in Resource Management

First Nations

Choose at least one FNST course and two additional courses from the following:

ANTH 206-3 Ethnography in Northern B.C.
FNST 215-3 Issues in External Relations for Contemporary Indigenous Peoples
FNST 216-3 Issues in Internal Organization for Contemporary Indigenous Peoples
FNST 249-3 Aboriginal Resource Planning
GEOG 206 -3 Social Geography
POLS 220-3 Canadian Law and Aboriginal Peoples

Choose six of:

~~ANTH 405-3 Topics in Landscape and Place~~
BIOL 350-3 Ethnobotany
ENPL 208-3 First Nations Community and Environmental Planning
FNST 280-3 Aboriginal Medicines I - Harvesting and Preservation
FNST 300-3 Research Methods in First Nations Studies
FNST 303-3 First Nations Religion and Philosophy
FNST 304-3 First Nations Environmental Philosophy and Knowledge
FNST 416-3 International Perspectives
FNST 451-3 Traditional Use Studies
GEOG 301-3 Cultural Geography
GEOG 403-3 Aboriginal Geography
HIST 390-3 Aboriginal People in Canada
NREM 303-3 First Nations Approach to Resource Management
ORTM 306-3 Indigenous Tourism and Recreation
POLS 412-3 Comparative Aboriginal State Relations

Elective Requirement

Elective credit hours in any subject as necessary to ensure completion of a minimum of 120 credit hours.

Minor in Environmental Studies

The minor in Environmental Studies offers an opportunity for students in other disciplines to learn how individual lives are connected ~~with~~ to environmental systems, and to gain understanding and perspective on key environmental issues. A maximum of two courses (~~six~~ 6 credit hours) used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in Environmental Studies.

The minor in Environmental Studies requires the completion of 18 credit hours, 12 of which must be at the upper division level.

Required

ENVS 101-3	Introduction to Environmental Citizenship
ENVS 325-3	Global Environmental Change: Science and Policy
ENVS 414-3	Environmental and Professional Ethics

Three of:

ENPL 205-3	Environment and Society
ENPL 301-3	Sustainable Communities: Structure and Sociology
ENPL 401-3	Environmental Law
ENSC 308-3	- Northern Contaminated Environments
ENVS 301-3	Natural resources, Environmental Issues and Public Engagement
<u>ENVS 309-3</u>	<u>- Gender and Environmental Studies</u>
FNST 203-3	Introduction to Traditional Environmental Knowledge
FNST 304-3	First Nations Environmental Philosophy and Knowledge
GEOG 100-3	- Environments and People
<u>GEOG 305-3</u>	<u>Political Ecology</u>
<u>GEOG 420-3</u>	<u>Geographies of Environmental Justice</u>
NREM 303-3	First Nations' Approaches to Resource Management
ORTM 100-3	Leisure in Life
<u>ORTM 200-3</u>	<u>Sustainable Outdoor Recreation and Tourism</u>
<u>ORTM 408-3</u>	<u>The Psychology of Recreation and Tourism</u>
<u>PSYC 408-3</u>	<u>Environmental Problems and Human Behaviour</u>

Minor in Global Environmental Change

The minor in Global Environmental Change offers a way for UNBC students to obtain a well-rounded perspective and knowledge-base on global change issues that encompasses not only the science of global change and change predictions, but also the political realities of environmental change and the way policy intersects with science.

The minor in Global Environmental Change requires the completion of 21 credit hours, 12 of which must be at the upper_division level. A maximum of two courses (~~six~~ 6 credit hours) used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in Global Environmental Change.

Students must complete ENVS 325-3 and at least 9 credit hours from each of the two lists of courses indicated below for a total of 21 credit hours overall. Nine of these credit hours selected from the approved lists below must be from upper_division courses.

Required

ENVS 325-3 Global Environmental
Change: Science and
Policy

Three of:

BIOL 110-3 Introductory Ecology
 or BIOL 201-3 Ecology
BIOL 404-3 Plant Ecology
ENSC 201-3 Weather and Climate
ENSC 308-3 Northern Contaminated
Environments
ENSC 312-3 Biometeorology
ENSC 408-3 Storms
ENSC 412-3 Air Pollution
ENVS 306-3 Human Ecology
PHYS 307-3 Selected Topics in
Environmental Physics
GEOG 100-3 Environments and People
GEOG 432-3 Remote Sensing

Three of:

ENPL 205-3 Environment and Society
ENPL 301-3 Sustainable Communities:
Structure and Sociology
ENPL 305-3 Environmental Impact
Assessment
ENPL 401-3 Environmental Law
GEOG 305-3 Political Ecology
GEOG 420-3 Geographies of Environmental

	<u>Justice</u>
GEOG 401-3	Resource Geography
ECON 305-3	Environmental Economics
HIST 360-3	Introduction to Environmental History
HIST 421-(3-6)	Topics in Environmental History
INTS 205-3	Introduction to International Studies
INTS 300-3	International Organization
INTS 307-3	Global Resources
ORTM 200-3	Sustainable Resource Recreation and Tourism
POLS 100-3	Contemporary Political Issues
POLS 334-3	Society, Policy and Administration of Natural Resources
—or NREM 306-3	Society, Policy and Administration
<u>PSYC 408-3</u>	<u>Environmental Problems and Human Behaviour</u>

S-201201.21

Changes to List of Eligible Minors — Forest Ecology and Management Major

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change to the list of eligible minors for the Forest Ecology and Management major, on page 152 of the 2011/2012 undergraduate calendar, be approved as proposed.

Effective date: January 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Eligible minors include:

- Biology and Conservation
- Earth Sciences
- Environmental Planning
- Environmental Science
- Environmental Studies
- Forest Recreation
- General Business
- Geographic Information Systems (GIS)
- Global Environmental Change
- Indigenous Ecological Knowledge

- Natural Resources Planning and Operations
- Social Dimensions of Natural Resources Management
- Soils and the Environment

S-201201.22

Changes to Academic Regulation 15 (Academic Breadth)

Ryan / Pacaide

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the changes to Academic Regulation 15 (Academic Breadth), on page 54 of the 2011-2012 Undergraduate Calendar, be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striketrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

15. Academic Breadth

Students pursuing the degrees of BA, BComm, BHSc, and BSc are required to meet the University's Academic Breadth requirement as a condition of graduation. Each graduate is required to have completed successfully at least ~~one course~~ 3 credit hours from each of the following four areas, or to have transferred to UNBC from another institution acceptable ~~course(s)~~ credit hours such that the requirement is met:

Arts and Humanities: At least ~~one course~~ 3 credit hours of courses with the prefix ENGL, HIST, PHIL, WMST.

Social Science: At least ~~one course~~ 3 credit hours of courses with the prefix ANTH, COMM, ECON, EDUC, ENPL, FNST, INTS, NORs, ORTM, POLS, PSYC, RRT.

Natural Science: At least ~~one course~~ 3 credit hours of courses with the prefix BIOL, GEOG, ENSC, ENVS, FSTY, HHSC, NREM.

Physical Science: At least ~~one course~~ 3 credit hours of courses with the prefix CHEM, CPSC, MATH, PHYS, STAT.

This requirement applies to all students admitted or readmitted to UNBC for studies beginning with the September 2010 Semester or later.

Students pursuing the degrees of BSc Biology and BSc Natural Resources Management (majors in Forest Ecology and Management, and Wildlife and Fisheries) are exempt from this regulation because academic breadth has been incorporated within the curricula.

S-201201.23

Changes to Academic Regulation 24 (Minors)

Kitchenham / Jensen

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the changes to Academic Regulation 24 (Minors), on page 56 of the 2011-2012 Undergraduate Calendar, be approved as proposed.

Effective date: September 2012

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striketrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

24. Minors

~~Minors are permitted in all undergraduate programs other than in programs leading to the degrees of BAsC, BEd, BFA or BScN. Minors are not required except in the Forest Ecology and Management major.~~

Except as specified in Program regulations, a minor must be in a different discipline than that of the major. A Minor requires a minimum of 18 credit hours, at least 12 of which must be upper division. In most cases, the upper limit requirement for a Minor is 27 credit hours, at least 12 of which must be upper division. Normally, a maximum of two courses (six to eight credit hours) used to fulfill requirements for a Major (or another Minor) may also be used to fulfill requirements for a Minor. In all Minors in the College of Science and Management (See [Academic Structure pages](#)) that require a minimum of 24 credits, the 100-level credits used to fulfill requirements for a Major (or another Minor) may also be used to fulfill requirements for a Minor, and in some such Minors further credits used to fulfill requirements for a Major (or another Minor) may also be used to fulfill requirements for a Minor. Please refer to the program pages for specific details. Students are not permitted to include more than two Minors in the same degree program.

UNBC offers Minors in a number of subject areas, as outlined in the Undergraduate Calendar. A Minor requires a minimum of 18 credit hours and, in most cases, a maximum of 27 credit hours. At least 12 credit hours of any Minor must be completed at the upper-division level. A maximum of two courses (6 to 8 credit hours) used to fulfill the requirements for a Major (or another Minor) may also be used to fulfill the requirements for a Minor, except when specified in program regulations for individual Minors. Students are not permitted to include more than two Minors in the same degree program. Some degree programs require the mandatory completion of a Minor in order to meet degree completion requirements. Please refer to the Undergraduate Programs pages for specific details. Minors are recorded on a student's official transcript.

“For Information” Items:

SCAPP201201.06

Changes to Calendar Course Description — PHIL 205-3

That the course description for PHIL 205-3, on page 258 of the 2011/2012 undergraduate calendar, be revised as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striketrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

PHIL 205-3 Introduction to the History of Philosophy This course is an introductory survey of ~~w~~Western philosophy from the ancient Greeks to the ~~early moderns~~ late medieval period, including such thinkers as Pythagoras, Parmenides, Plato, Aristotle, Augustine, and Aquinas, Hobbes, Descartes, Locke, Hume, Rousseau, Kant, Hegel, Mill and Nietzsche. The course provides an overview of philosophical topics including ontology, epistemology and ethics, metaphysics and epistemology.

Prerequisites: none

SCAPP201201.07

Changes to Prerequisite — PHIL 305-3

That the prerequisite for PHIL 305-3, on page 258 in the 2011/2012 undergraduate calendar, be revised as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striketrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

PHIL 305-3 History of Philosophy: Early Modernity to Post-Modernity This course traces the history of ~~w~~Western philosophy from early modernity to the early twentieth century.

Thinkers discussed may include Aquinas, Ockham, Descartes, Hobbes, Locke, Hume, Kant, Schopenhauer, Rousseau, Fichte, Hegel, Marx, Nietzsche and Heidegger.

Prerequisites: ~~PHIL 205-3~~ Upper-division standing or permission of the instructor
Precluded: POLS 370-3

SCAPP201201.17

Changes to Course Title, Description, and Preclusion — POLS 317-3

That the course title, description and preclusion for POLS 317-3, on page 262 of the 2011/2012 undergraduate calendar, be revised as proposed.

Effective date: September 2012
CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

POLS 317-3 Ethics Moral Philosophy ~~This course provides an overview of the theories of moral philosophy used to understand the major ethical problems of modern society. This course is a survey of historical and contemporary Western moral philosophy. Topics include philosophical ideas such as Platonism, virtue ethics, voluntarism, naturalism, Kantianism, social contract theory and consequentialism.~~ This course is a survey of historical and contemporary Western moral philosophy. Topics include philosophical ideas such as Platonism, virtue ethics, voluntarism, naturalism, Kantianism, social contract theory and consequentialism.

Prerequisites: Upper-division standing

Precluded: PHIL 325-3

SCAPP201201.18

Changes to Course Title and Description — POLS 327-3

That the course title and description for POLS 327-3, on page 262 of the 2011/2012 undergraduate calendar, be revised as proposed.

Effective date: May 2012
CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

~~POLS 327-3 Professional Ethics in Governance~~ Leadership and Ethics in Local Government
~~This course in applied ethics uses the theories and concepts of moral philosophy to examine issues in governance and public service. This course examines the principles and practices of ethical leadership with a particular focus on local government.~~

Precluded: COMM 332-3

SCAPP201201.19

Changes to Course Prerequisite — POLS 370-3

That the prerequisite for POLS 370-3, on page 263 in the 2011/2012 undergraduate calendar, be revised as proposed.

Effective date: September 2012
CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

POLS 370-3 Political Philosophy: Early Modernity to Post-Modernity This course traces the history of ~~w~~Western political thought, in the wider context of the history of philosophy, from early modernity to the early twentieth century. Thinkers discussed may include Aquinas, Ockham, Descartes, Hobbes, Locke, Hume, Kant, Schopenhauer, Rousseau, Fichte, Hegel, Marx, Nietzsche and Heidegger.

Prerequisites: POLS 270 Upper-division standing or permission of the instructor.

Precluded: PHIL 305

SCAPP201201.21

Changes to Course Description — CHEM 320-3

That the change(s) to the course description for CHEM 320-3 Inorganic Chemistry II be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

CHEM 320-3 Inorganic Chemistry II ~~A lecture-based course that is focused on the chemistry of the first row of transition elements, along with symmetry and group theory.~~ This lecture-based course is focused on symmetry and group theory, along with the organometallic chemistry of the transition elements.

Prerequisites: CHEM 202-3

SCAPP201201.22

Changes to Course Description — CHEM 321-3

That the change(s) to the course description for CHEM 321-3 Inorganic Chemistry III be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

CHEM 321-3 Inorganic Chemistry III ~~A lecture-based course that is focused on the chemistry of the second and third row transition elements. In addition, organometallic chemistry (particularly as it applies to industrial processes) is discussed.~~ This lecture-based course is focused on the general chemical principles within transition elements, along with their descriptive chemistry. Bio-Inorganic Chemistry is also examined.

Prerequisites: CHEM 202-3

SCAPP201201.23

Changes to Course Title and Description — CPSC 495-3

That the change(s) to the course title and description for CPSC 495-3 Undergraduate Research Project I be approved as proposed.

Effective date: May 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

CPSC 495-3 Undergraduate Research Project-I This course consists of a small research project undertaken by the student or by teams of students. Projects ~~will~~ consist of the definition of a problem in computing and a literature survey of recent work in the field. Students ~~will be~~ are encouraged to define their own possible solutions and to prototype the solutions where appropriate. Regular review of progress ~~will be~~ is made in meetings. Students develop skills ~~will be developed~~ in the preparation of topic survey notes and in the

development of arguments in support of or against published approaches to problems in computing. Students ~~will be~~ are expected to prepare and present their work. This course may be repeated provided all topics are distinct.

Prerequisites: ~~p~~Permission of the instructor

SCAPP201201.28

Changes to Course Description — ENSC 412-3

That the changes to the course description for ENSC 412-3 Air Pollution be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

ENSC 412-3 Air Pollution A This is a multidisciplinary course focusing on air pollution: emissions, chemistry, air pollution meteorology and dispersion modelling, engineering and legislative controls, health effects, and airshed planning.

Prerequisites: ENSC 201-3, ~~ENSC 312-3~~ or ENVS 201-3 ~~and ENVS 312-3~~, or permission of instructor

Precluded: ENVS 412-3, ENSC 612-3, ENVS 612-3

SCAPP201201.29

Changes to Course Description — ENSC 450-3

That the changes to the course description for ENSC 450-3 Geophysical Data Analysis be approved as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

~~ENSC 450-3 Geophysical Data Analysis This course focuses on the practical and theoretical aspects of advanced geophysical data analysis methods, including time series analysis, linear multivariate statistical analysis, nonlinear statistical methods based on neural network, inverse theory and optimal estimate of space-state. Emphasis is placed on the environmental analysis and prediction using large datasets (e.g., the global satellite observations) and dynamical models (space-state models). Course format consists of lectures and labs.~~
Environmental and Geophysical Data Analysis The focus of this course is on the principles and practicality of the most common environmental and geophysical data analysis methods, including time series analysis and multivariate statistical analysis as well as their application in the environmental and natural sciences. This course consists of lectures and labs, where students apply theories and methods learned in lectures to solve practical problems using computers and software for statistical data analysis.

Prerequisites: MATH 240 or MATH 371

Precluded: ENSC650

8.2 Senate Committee on Research and Graduate Studies

Fondahl / Hartley

"For Information" Items:

SCRGS201201.03

Changes to Course Title and Description — ENSC 650-3

That the course title and description for ENSC 650-3 be changed as proposed.

Effective date: September 2012

CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

~~ENSC 650-3 Geophysical Data Analysis This course focuses on the practical and theoretical aspects of advanced geophysical data analysis methods, including time series analysis, linear multivariate statistical analysis, nonlinear statistical methods based on neural network, inverse theory and optimal estimate of space-state. Emphasis is placed on the environmental analysis and prediction using large datasets (e.g., the global satellite observations) and dynamical models (space-state models). Course format consists of lectures and labs.~~
Environmental and Geophysical Data Analysis The focus of this course is on the principles and practicality of the most common environmental and geophysical data analysis methods, including time series analysis and multivariate statistical analysis as well as their application in the environmental and natural sciences. This course consists of lectures and labs, where students apply theories and methods learned in lectures to solve practical problems using computers and software for statistical data analysis.

Prerequisites: N/A
Precluded: ENSC450

8.3 Senate Committee on Scholarships and Bursaries

Smalcel Pederson

“For Information” Items:

SCSB20111214.03

Revised Terms and Conditions — Anna Sorkomova Memorial Bursary

That the revised Terms and Conditions for the Anna Sorkomova Memorial Bursary be approved.
Effective Date: 2012-2013 Academic Year
CARRIED (consent agenda).

SCSB20111214.04

Revised Terms and Conditions — McLean Foundation Scholarship

That the revised Terms and Conditions for the McLean Foundation Scholarship be approved.
Effective Date: 2011-2012 Academic Year
CARRIED (consent agenda).

SCSB20111214.05

Revised Terms and Conditions — William Wilfred Kordyban Memorial Award for Cancer Service

That the revised Terms and Conditions for the William Wilfred Kordyban Memorial Award for Cancer Service be approved.
Effective Date: 2012-2013 Academic Year
CARRIED (consent agenda).

8.4 Senate Committee on Admissions and Degrees

Smalcel Pederson

“For Approval” Items:

S-201201.24

Changes to “Admission from Secondary Schools and CEGEP in Other Canadian Provinces”

Ryan / Dale

That, on the recommendation of the Senate Committee on Admissions and Degrees, the change(s) to the section “Admission from Secondary Schools and CEGEP in Other Canadian Provinces,” in the 2012-2013 undergraduate calendar, be approved as proposed.

Effective date: January 2012
CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Admission from Secondary Schools and CEGEP in Other Canadian Provinces

Alberta, the Northwest Territories and Nunavut

Successful completion of an academic grade 12 program that leads to graduation and includes at least five courses with an overall 65% average selected from:

~~English 30-1~~ or English Language Arts 30-1

at least three additional courses selected from the following: Aboriginal Studies 30, Biology 30, Blackfoot Language & Culture 30, Chemistry 30, Chinese Language & Culture 30, Cree 30, Cree Language and Culture 30, English 35, Français 30-1 or 30-2, French 30, French 31A/B/C, French Language Arts 30-1 or 30-2, German 30/30S, German 31, German Language Arts 30, German Language & Culture 30, Gonawo K'e 35, Inuktitut 35, Inuktitut Studies 35, Italian Language & Culture 30, Japanese Language & Culture 30, Latin 30, Mathematics 30-1, Mathematics 31, Physics 30, Pure Mathematics 30, Science 30, Social Studies 30-1 or 30-2, South Slavey 35, Spanish Language & Culture 30, Tilcho Yati 25, Ukrainian Language & Culture 30/30S, Ukrainian Language Arts 30

additional level 30 or level 31 courses necessary for the successful completion of grade 12. The fifth course subject must be distinct from the four academic courses (e.g., English Language Arts 30-1 and English Language Arts 30-2 cannot both be used).

Saskatchewan

Successful completion of an academic level three (grade 12) program that leads to graduation and includes at least seven academic courses with an overall 65% average (five of which are at the 30 level) selected from:

- ▶ English A30 and B30
- ▶ Math A30, or B30, or C30
- ▶ at least three additional courses numbered 30 or 30H selected from the following subjects: Biology 30, Calculus 30, Chemistry 30, Computer Science 30, Economics 30, Français A30 or B30, French 30, Geography 30, Geology 30, German 30, Latin 30, Law 30, History 30, ~~other languages~~ Mandarin 30, Mathematics 30, Native Studies 30, Physics 30, Psychology 30, Social Studies 30, Spanish 30, Ukrainian 30, Ukrainian Language Arts 30.
- ▶ additional acceptable courses necessary to graduate

Manitoba

Successful completion of an academic Sr 4 level (grade 12) program that leads to graduation and includes at least five courses with an overall average of 65% selected from:

- ▶ English 40S or 40U
- ▶ three or more of the additional courses should be selected from the following: Biology 40S, Chemistry 40S, Computer Science 40S, Français 40S, Geography 40S, History 40S, Language 40S, Law 40S, Mathematics 40S, Native Canadian Languages 40S, Physics 40S, Pre Calculus 40S, Social Science 40S/World Issues 40S, Western Civilization 40S
- ▶ one additional course from above or another area at the 40A (advanced), 40G (general), or 40S (specialized) level and any further work necessary to graduate

Ontario

Successful completion of the Ontario Secondary School Diploma (OSSD), or equivalent, including five grade 12 U or U/C courses with an overall 65% average including:

- ▶ Grade 12 U English
- ▶ four additional Grade 12 4U/4M or U/C courses

All high school courses applied as prerequisites for UNBC courses must be drawn from the “University” designation. Not more than one course proposed for admission may be drawn from the “Arts” category.

Quebec

Successful completion of at least 12 acceptable university preparatory CEGEP courses with a minimum overall average of 70%, selected from:

- ▶ at least two pre-university English courses
- ▶ 10 additional pre-university courses deemed appropriate for entry into the academic program of choice

Students who complete more than 12 pre-university CEGEP courses with a minimum grade of 70% in each course may receive up to 30 credit hours of transfer credit.

Quebec Grade 12

Applicants who successfully complete a Quebec grade 12 program with an overall 65% average must present:

- ▶ English
- ▶ at least three additional university preparatory courses selected from Mathematics, Sciences, Languages, Literature, Social Sciences, History, Geography
- ▶ additional academic subjects required for graduation

New Brunswick

Successful completion of an academic (college preparatory) program that leads to graduation with an overall 65% average and including at least six courses from:

- ▶ English 121 or 122
- ▶ at least three additional grade 12 academic courses coded 120/121/122 selected from Advanced Mathematics, Atlantic Literature, Biology, Calculus, Canadian Literature, Chemistry, Computer Science, Education, Economics, English, Environmental Science, Studies, Français, French, Geography, Geology, History, Latin, Mathematics, Physics, Political Science, Psychology, Sociology, Spanish, Statistics, Writing, World Issues
- ▶ additional academic course(s) necessary to graduate

Prince Edward Island

Successful completion of an academic or advanced academic program that leads to graduation with an overall 65% average and including:

English 621 or 611

at least three additional courses numbered 611 or 621 selected from Biology, Chemistry, Computer Studies, Economics, Exploring Civilizations, Français, French, Geography, History, Mathematics, other languages, Physics, Political Science, Sociology

additional academic course(s) necessary to graduate

Nova Scotia

Successful completion of an academic program (university preparatory) that leads to graduation with an overall 65% average and including at least five subjects from:

English 12, or ~~English Enriched 12~~ English 12: African Heritage

at least two courses numbered 12 selected from Biology, Canadian Literature, Chemistry, French, Gaelic, Geography, German, Global History, Latin, Mathematics, Advanced Mathematics, Pre-Calculus Mathematics, other languages, Physics, Spanish

additional 12 courses from above or from Comparative Religion, Computer Studies, Earth Sciences, Economics, Entrepreneurship, Food Science, Global Geography, Geology, ~~Home Economics~~, Law, Modern World Problems, Music, ~~Physical and Health Education~~, Political Science, Sociology or Statistics

additional academic course(s) necessary to graduate

Newfoundland and Labrador

Successful completion of an academic program that leads to graduation with an overall 65% average, and including at least 13 credits selected from:

English 3201 or completion of the former Language 3101 and either Thematic Literature 3201 or Literary Heritage 3202

Mathematics 3200, 3201 or ~~3203~~ 3204 or 3205

at least one of Biology 3201, Chemistry 3202, ~~Geology 3203~~, Physics 3204, Earth Systems 3209

at least one of Advanced Writing 3103, Computer Technology 3200, Environmental Science 3205, Global Issues 3205, World Literature 3216, World Religions 3101/3106 or Geography, History or languages at the 3000 level

at least two additional credits at the 3000 level

additional academic course(s) necessary to graduate

http://www.unbc.ca/calendar/undergraduate/admissions/high_school.html

S-201201.25

Changes to the Section “Admission Requirements by Degree Groups”

Ryan / Jensen

That, on the recommendation of the Senate Committee on Admissions and Degrees, the change(s) to the section “Admission Requirements by Degree Groups,” in the 2012-2013 undergraduate calendar, be approved as proposed.

Effective date: January 2012

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~strike through~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Admission Requirements by Degree Groups

Bachelor of Arts	Bachelor of Fine Arts see program regulations	Bachelor of Commerce	Bachelor of Planning & Bachelor of Science	Nursing**** see program regulations	Bachelor of Health Sciences see program regulations	Environmental Engineering see program regulations
English 12**	English 12**	English 12**	English 12**	English 12**	English 12**	English 12**
	Portfolio			Foundations of Mathematics 11 or Pre-calculus 11 or Principles of Mathematics 11 (65% minimum) Chemistry 11 or equivalent (65% minimum)	Pre-calculus 11 or Principles of Mathematics 11 (65% minimum) Chemistry 11 or equivalent (65% minimum)	Principles of Mathematics 12 or Pre-Calculus 12
Three Approved Grade 12 Courses*	Three Approved Grade 12 Courses*	Three Approved Grade 12 Courses*	Three Approved Grade 12 Courses*	Biology 12 (73% minimum) within 5 years prior to the semester of admission to the NCBNP Two other approved* Grade 12 courses	Biology 12 (65% minimum) Two other approved* Grade 12 Courses Biomedical Studies† see program regulations	Two provincially examinable Science 12 courses: Chemistry 12 Physics 12 (recommended) Chemistry 11 see program regulations
A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***
Minimum admission average 65%	Minimum admission average 67%	Minimum admission average 65%	Minimum admission average 65%	Minimum admission average 65%	Minimum admission average 65%	Minimum admission average 75%

* **Approved Grade 12 Courses:** Applications of Mathematics, BC First Nations Studies, Biology, Calculus, Chemistry, Comparative Civilizations, [Economics](#), English Literature, [Français](#), [Français Langue Seconde-Immersion](#), French, German, Geography, Geology, History, Japanese, Latin, Law, Mandarin, Math Foundations, Physics, Pre-Calculus, Principles of Mathematics, Punjabi, Social Justice, Spanish, [Sustainable Resources](#), Technical and Professional Communications, Writing. **Approved Advanced Placement Courses:** AP Biology (General), AP Calculus AB or BC, AP Chemistry, AP Computer Science A or AB, ~~AP English~~, [AP English Language and Composition](#), [AP English Literature and Composition](#), AP Environmental Science, AP European History, AP French, AP German, AP History of Art, AP Human Geography, AP Latin, AP Microeconomics/Macroeconomics, AP Music

Theory, AP Physics B and/or Physics C, AP Psychology, AP Spanish Literature, AP Spanish Language, AP Statistics, AP United States History, AP US Government & Politics, AP World History. **Approved International Baccalaureate Courses:** IB Biology, IB Business Management, IB Chemistry, IB Computer Science, IB Economics, IB English Language A, IB Environmental Systems, IB French Language A and/or French Language B, IB Geography, IB German, IB Greek, IB History, IB History - Asian, IB History - European, IB Latin, IB Islamic History, IB Mathematics, IB Further Mathematics, IB Music, IB Philosophy, IB Physics, IB Psychology, IB Social & Cultural Anthropology, IB Spanish A and/or Spanish B.

** UNBC accepts English First Peoples 12 as an acceptable equivalent to English 12.

** Approved AP and IB courses can be used in place of any approved Grade 12 Canadian high school course.

*** **A fifth Grade 12 Course:** Any other of the approved Grade 12 courses, and also any Grade 12 course taught in the secondary school including locally-developed courses: e.g. (First Nations Languages), career preparation courses (Construction 12, etc.), or others (Art 12, Band 12, Information Technology 12, Communications 12, CAPP 12, etc.) or any Advanced Placement or International Baccalaureate courses.

******Nursing:** UNBC's partner institutions, the College of New Caledonia (CNC) and Northwest Community College (NWCC) are processing admissions to the Northern Collaborative Baccalaureate Nursing Program. If you wish to apply to our Prince George or Quesnel campuses, please apply through CNC: www.cnc.bc.ca; if you wish to apply to our Terrace campus, please apply through NWCC: www.nwcc.bc.ca

† Students interested in pursuing the BHSc Biomedical Studies Major are strongly encouraged to take Pre-Calculus 12 or Principles of Mathematics 12, and Chemistry 12 before entering the Program.

Note: Table excludes second year entry professional programs (Education, Social Work).

S-201201.26

Changes to the English Language Requirements in the Admissions Section

Ryan / Jensen

That, on the recommendation of the Senate Committee on Admissions and Degrees, the change(s) to the English Language Requirements in the Admissions Section, on page 33 in the 2011/2012 undergraduate calendar, be approved as proposed.

Effective date: January 2012

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by ~~striethrough~~, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

English is the primary language of instruction and communication at UNBC. Consequently, it is expected that an applicant be able to demonstrate an acceptable level of proficiency in the use of English in order to receive and participate in classroom instruction and discussion as well as to complete written assignments.

Applicants whose first language is not English, regardless of citizenship or country of origin, must submit evidence of English language proficiency prior to admission. French-speaking Canadians and Canadian First Nations language speakers are exempted from this requirement. Students who completed five consecutive years of instruction and examination entirely in the English language immediately before admission are exempted from this requirement.

Acceptable evidence of English language proficiency may be any one of the following:

TOEFL (Test of English as a Foreign Language) score of 88 or higher in the internet-based test, with not less than 20 in any each of the Reading, Listening, Writing or Speaking components; ~~or equivalent other TOEFL score.~~ Score of at least 230 in the computer based test or at least 570 in the paper based test. UNBC's institutional TOEFL code is 0320.

IELTS (International English Language Testing System) score of at least 6.5 overall, with not less than 6.0 in ~~any~~ each of the four modules.

LPI (Language Proficiency Index) score of at least 5.

~~— Comparable results in any other internationally recognized English Language Assessment test considered as equivalent to TOEFL or IELTS.~~

A final grade of 2.00 (C) or better in the UNBC English Language Studies 50 Component 1 and 2.

A final grade of 70% or better in English 12 from the British Columbia secondary system.

A final grade of 75% (B) or better in a University Transferable English course.

A final grade of 4 or better in Advanced Placement (AP) English Language & Composition or AP Literature & Composition.

A final grade of 5 or better in International Baccalaureate (IB) English A1 or A2 (higher or subsidiary level).

CELPIP Academic Test score of 4H or higher in each of the Reading, Listening, Writing, and Speaking components.

CAEL (Canadian Academic English Language) Assessment score of at least 70.

University of Cambridge ESOL grade B on the Certificate of Advanced English (CAE).

Comparable results in any other internationally recognized English Language Assessment test considered as equivalent to TOEFL or IELTS.

In order to be considered valid, these scores must be sent directly from the testing agency/institution to the Office of the Registrar.

8.5 Steering Committee of Senate

Iwama

S-201201.27

Revisions to Policy — Selection Procedures for the Search Committee for the Vice-President Academic and Provost

Ryan / Haque

That the revisions to the policy entitled “Selection Procedures for the Search Committee for the Vice-President Academic and Provost” be approved as proposed.

Effective date: Immediately upon approval by Senate

CARRIED.

S-201201.28

Revisions to Policy — Selection Procedures for Vice-President Administration & Finance

Ryan / Jensen

That the revisions to the policy entitled “Selection Procedures for Vice-President Administration & Finance” be approved as proposed.

Effective date: Immediately upon approval by Senate

It was suggested that the phrase “unless otherwise directed by the Board” be added to the end of the sentence at the first bullet under the heading “4. Process,” similar to what has been done with the policy entitled “Selection Procedures for the Search Committee for the Vice-President Academic and Provost.”

It was also noted that, in the third bullet under heading “2. Search Committee Membership” the title should read “VP Academic and Provost.” Also under that same heading, it was pointed out that there are 12 voting members, not 13 voting members as is currently indicated.

Dr. Iwama indicated that he would ensure the Board of Governors received these comments.

CARRIED.

S-201201.29

Revisions to Policy — Review of the Vice-President Academic and Provost Prior to Reappointment: Terms of Reference

Kitchenham / Ryan

That the revisions to the policy entitled “Review of the Vice-President Academic and Provost Prior to Reappointment: Terms of Reference” be approved as proposed.

Effective date: Immediately upon approval by Senate

CARRIED.

S-201201.30

New Policy — Selection Procedures for Dean of Graduate Programs

Kitchenham / Ryan

That the new policy entitled “Selection Procedures for Dean of Graduate Programs” be approved as proposed.

Effective date: Immediately upon approval by Senate

A Senator pointed out that it was illogical for the “One representative of the Faculty Association” to be appointed by Senate as listed under the section titled “2. Search Committee Membership.”

Amendment:

Jensen / Casperson

That the sentence at the ninth bulleted item under the heading “2. Search Committee Membership” be changed to read “~~54~~ Faculty members with tenured or tenure-track appointments, appointed by Senate, to include:” and that the first bulleted item beneath that, reading “One representative of the Faculty Association”, be moved up one level to sit separately.

CARRIED.

It was also requested that the Board consider adding the phrase “unless otherwise directed by the Board” to the end of the sentence at the first bullet under the heading “4. Process”.

The motion, as amended, was CARRIED.

S-201201.31

New Policy — Selection Procedures for Vice-President External Relations

Ryan / Jensen

That the new policy entitled “Selection Procedures for Vice-President External Relations” be approved as proposed.

Effective date: Immediately upon approval by Senate

It was requested that the Board consider adding the phrase “unless otherwise directed by the Board” to the end of the sentence at the first bullet under the heading “4. Process”.

It was also recommended that, at the third bullet under the bulleted item “3 Staff members, to include:”, listed under the heading “2. Search Committee Membership”, the phrase “reporting directly to the Vice-President External Relations” be removed as there are no Senior Administrative Directors reporting to the Vice-President External Relations.

Finally, it was noted that the number of voting members listed under the heading “2. Search Committee Membership” is 12, not 13.

CARRIED.

S-201201.32

New Policy — Selection Procedures for the Search Committee for the Vice-President Research

Kitchenham / Ryan

That the new policy entitled “Selection Procedures for the Search Committee for the Vice-President Research” be approved as proposed.

Effective date: Immediately upon approval by Senate

It was requested that the Board consider adding the phrase "unless otherwise directed by the Board" to the end of the sentence at the first bullet under the heading "4. Process".

It was also noted that the title in the third bulleted item under heading "2. Search Committee Membership" should read "Vice-President Academic and Provost."

CARRIED.

S-201201.33

New Policy — Review of the Dean of Graduate Programs Prior to Reappointment: Terms of Reference

That the new policy entitled "Review of the Dean of Graduate Programs Prior to Reappointment: Terms of Reference" be approved as proposed.

Effective date: Immediately upon approval by Senate

It was noted that, similar to the amendment approved in relation to the policy entitled "Selection Procedures for Dean of Graduate Programs," "One representative of the Faculty Association" should be moved up one level so that the person is not to be appointed by Senate. This revision would necessitate also changing the number of faculty members to be appointed by Senate to "4" from "5."

Amendment:

Jensen / Murray

That the sentence at the ninth bulleted item under the heading "3.0 Composition" be changed to read "~~54~~ Faculty members with tenured or tenure-track appointments, appointed by Senate, to include:" and that the first bulleted item beneath that, reading "One representative of the Faculty Association", be moved up one level to sit separately.

CARRIED.

Two typographical errors were also pointed out in the document.

The motion, as amended, was CARRIED.

8.5 Senate Committee on Nominations

Kitchenham

8.5.1 Senate Vacancies

Senator Kitchenham reported on current Senate vacancies (report attached to these minutes as "Appendix II").

9.0 Other Business

9.1 Notice of Motion

Senator Casperson provided notice of motion for the next regular meeting of Senate (February 29, 2012), as follows:

That Senate strongly recommend that, consistent with general historic practice, complete draft budget documents be presented to the special meeting of Senate to consider the Budget in March.

9.2 Presentation — Regional Planning

Macknak

Senator Macknak provided a presentation on Regional Planning, noting that his presentation was a summary and highlights of the report distributed to Senators in advance of the Senate meeting (report attached to these minutes as "Appendix III").

9.3 Report of the Registrar **Hanschen**

Mr. Hanschen provided a report about activities related to the Office of the Registrar (attached to these minutes as "Appendix IV").

10.0 Information

10.1 "Rules of Order" Diagram **Casperson**

Senator Casperson provided a brief overview of the "Rules of Order" diagram that had been provided to Senators.

11.0 **S-201201.34**
Move to In Camera Session

Casperson / Wagner
That the meeting move In Camera.
CARRIED.

12.0 **S-201201.38**
Adjournment

Hutchings / Casperson
That the Senate meeting be adjourned.
CARRIED.

The meeting ended at 5:25 p.m.

APPENDIX I

President's Report
Senate meeting of January 25, 2012
Prepared by Charlene Myers

Dr. Iwama reported that the committees of the Board of Governors had been reconstituted, which had resulted in five committees being reduced to three and roles being clarified.

The President also indicated that work was ongoing with regard to Engineering Programs and renewable energy systems. UNBC was proceeding with consultations with the community regarding engineering, with the desire to expand beyond the current Environmental Engineering program that UNBC provides jointly with UBC. As mentioned previously, the Ministry of Advanced Education has encouraged UNBC to proceed with plans for mounting a Civil Engineering program, but there is currently no funding available to do so. Dean Ryan has been consulting with engineers in the community to clarify the vision in relation to engineering program needs.

Dr. Iwama reported that UNBC has also been consulting with Linnaeus University in Sweden regarding bioenergy initiatives, and that representatives from Linnaeus University would be visiting UNBC for several days in early February. Dr. Iwama added that UNBC can initiate a Master's program in engineering without having an accredited undergraduate program in place, which would be useful as a Master's program would facilitate research projects. With regard to renewable energy, Dr. Iwama reiterated the importance it holds for both himself and Chancellor MacDonald, and reported that a group of people would be coming to UNBC on February 1 to discuss renewable energy systems. The group, consisting of the UNBC Chancellor Dr. MacDonald and Drs. Metcalfe, Wrinch, and Manson had met with Dr. Iwama twice in the past year. The upcoming session was meant to be open-ended and encourage brain-storming. Dr. Iwama added that he and the other group members were convinced that UNBC can play a world-leading role in bio- and renewable-energy systems.

Dr. Iwama indicated that he had nothing new to report with regard to the Wood Innovation and Design Centre.

With regard to the bioelectricity initiative, Dr. Iwama reported that a proposal has been submitted to Natural Resources Canada for half the funding and, if that is secured, the other half will need to be raised.

Report to Senate from Senate Committee on Nominations

January 25, 2012

The Senate Committee on Nominations has the following Senate vacancies to report:

- 1) Faculty Senator from CASHS (Colin Chasteauneuf's position — term of office ending March 31, 2012)
- 2) Undergraduate student Senator (Jonathan Van Barneveld's position — term of office ending March 31, 2012)

Follow-up is underway to find replacements to fill the balance of the terms of office for these positions.

Regional Planning Report to Senate

The University of Northern British Columbia is unique in its mandate to serve a vast area of the province. The area represents 2/3 of the province and is home to 8% of the population. UNBC's service area is divided into three regions: Northwest, Peace River-Liard, and South-Central. UNBC supports a campus in each of these regions with at least one secondary teaching centre. Terrace, Fort St. John and Quesnel are locations of Regional Campuses. A UNBC Regional Chair, Regional Services Coordinator and Regional Faculty are located at these sites.

The Regional First Nations and Aboriginal population is one of the proportionally highest in Canada. There are ten Friendship Centres, 11 Metis organizations, 78 Bands and 16 Tribal Councils and the Nisga'a Lisims Government.

This vast Region contains the following organizational groupings of important UNBC partners.

School Districts

The school districts in the UNBC region are Stikine (87), Fort Nelson (81), Peace River North (60), Peace River South (59), Prince George (57), Quesnel (28), Cariboo-Chilcotin (27), Nechako Lakes (91), Bulkley Valley (54), Coast Mountains (82), Nisga'a (92), Prince Rupert (52), and Haida Gwaii/Queen Charlotte (50).

Colleges

The college regions in the UNBC region are Northern Lights (10), New Caledonia (9), Northwest (12), and the northern tip of Cariboo (3) - including Williams Lake and 100 Mile House.

Regional Districts

The regional districts in the UNBC region are Stikine (57), Northern Rockies (59), Peace River (55), Fraser-Fort George (53), Cariboo (41), Bulkley-Nechako (51), Kitimat-Stikine (49), and Skeena-Queen Charlotte (47).

Development Districts

The development districts within the UNBC region are Nechako (7), Northeast (8), Cariboo (5), and North Coast (6).

Ministry for Children & Families

The MC&F regions in UNBC's region are North (4) and the northern half of Thompson-Cariboo (3) - including Wells, Quesnel, Williams Lake, and 100 Mile House.

Health

The health regions in UNBC's region are North West (13), Peace Liard (14), Northern Interior (15), and Cariboo (12). All are now amalgamated as the Northern Health Authority (NHA).

Provincial Electoral

The electoral districts within the UNBC region are Bulkley Valley-Stikine (4), Peace River North (41), Peace River South (42), Prince George North (48), Prince George-Omineca (49), Prince George-Mount

Robson (47), Cariboo North (9), the majority of Cariboo South (10), Skeena (56), and most of North Coast (34).

Background

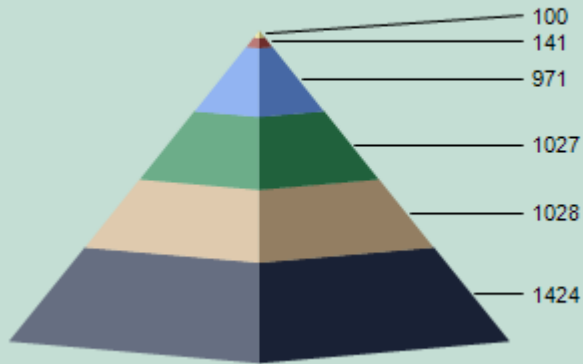
UNBC was brought about as a result of an expression of the collective will of northern people. As a result it enjoys extensive and powerful support across the north. As well, it is subject to constant critical surveillance of its efforts to serve the region. Northerners expect their university to be a force across the north and not to become “the University of Prince George”. Due to the ambitious hopes the citizens of the north have for UNBC, expressing and implementing the “Regional Mandate” has been the subject of much debate.

UNBC initiated course delivery beginning in 1992/93 as a part of the very first courses offered during what was called "Quick Start". That project was operated in 1992/93 and in 1993/94 and predated the official opening of the university in the Fall of 1994. The table below provides data on the number of course registrations and number of courses offered across all Regions for the last five years.

- There has been significant double digit year over year growth of the number of regional registrations.
- Regional enrollment now accounts for more than thirteen per cent of total UNBC enrollments.
- Regional FTEs represent 8.8% of total UNBC FTEs; this number was 6.4% in 2006.
- Regional Headcount represent 12.2% of total UNBC HC; this number was 10.1% in 2006
- Continuing Studies FTEs have increased by 723% since 2007 (from 17 to 123)
- According to recently released numbers for the current term (F10), Continuing Studies FTEs are 95.5% higher than last year (31 vs 61)

Registrations and Course Offerings

2008/2009 Registrations

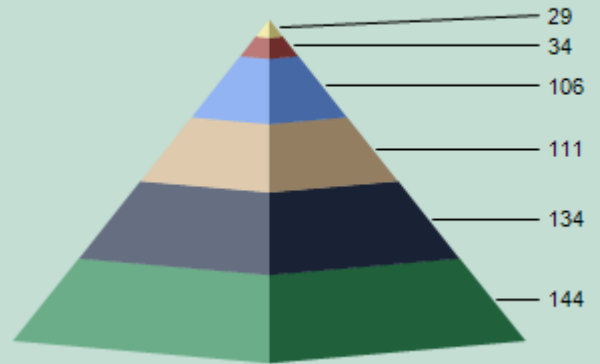


Total: 4691 10.7%

UG/GR: 3697 10.6%

Cont St: 994 11.4%

2008/2009 Courses Offered



Total: 558 25.1%

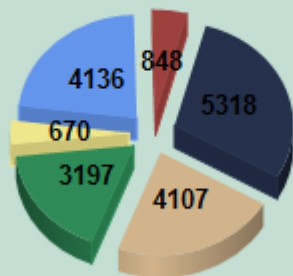
UG/GR: 417 23.7%

Cont St: 141 29.4%

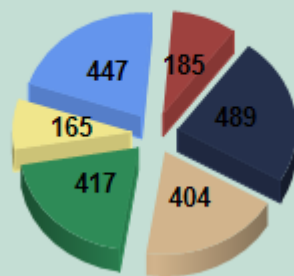
Legend:

■ Peace Liard
 ■ WWN
 ■ Other
 ■ South Central
 ■ WWW
 ■ Northwest

**Total Registrations
(September 2005 to Present)**



**Total Courses Offered
(September 2005 to Present)**



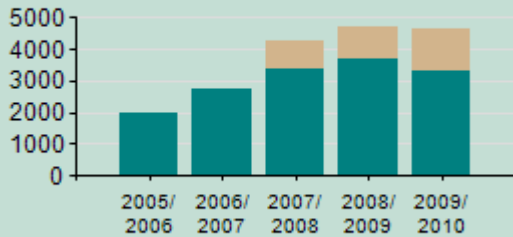
Total: 18,276
UG/GR: 15,066
Cont St: 3,210

Total: 2,107
UG/GR: 1,724
Cont St: 383

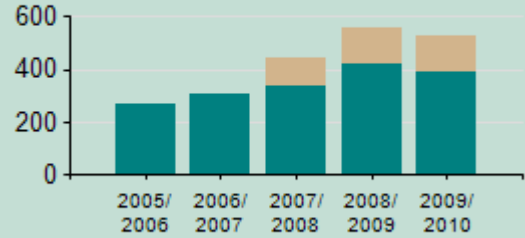
Current Year: 4,627 (3,303/1,324)

Previous Year: 4,691 (3,697/994) 5-Yr Max: 4,691 (3,697/1,324)

Number of Registrations (all regions)



Number of Courses Offered (all regions)



YOY Growth

	2005/06	2006/07	2007/08	2008/09	2009/10
Total:	n/a	38.1%	54.7%	10.7%	-1.4%
UG/GR:	n/a	38.1%	22.1%	10.6%	-10.7%
Cont St:	n/a	n/a	n/a	11.4%	33.2%

YOY Growth

	2005/06	2006/07	2007/08	2008/09	2009/10
Total:	n/a	13.7%	45.3%	25.1%	-5.7%
UG/GR:	n/a	13.7%	9.8%	23.7%	-5.8%
Cont St:	n/a	n/a	n/a	29.4%	-5.7%

■ Undergraduate/Graduate ■ Continuing Studies

Total (UG&GR / Cont St)

While the overall growth of regional courses, programs and registrations has been very impressive, it has not been evenly distributed.

The table above compares number of courses and registrations for the three regions for 2008/2009 and for the previous three years. It is clear that the Peace/Liard region has not developed at the same rate as the other two. The Bird report, July 2009 recommends,

I recommend that Dennis lead a small committee, appointed by the president and provost, to prepare a proposal for next stage growth. This should include job descriptions and recommendations for expanded local service, perhaps showing how staffing will increase as enrollment hits specific targets. (That is, prioritize adding services/staffing and then work to that plan.)

Program expansion is critical, for regional campuses. I agree with those who say that, given your population base and distribution, enrollment growth will require more options for students. However, I also think you should expand even further your use of distance technologies, especially to empower blended or hybrid programs. It is becoming clear, everywhere, that technology and flexible scheduling is essential for cost effective program expansion that serves place bound students.

There have been two previous reviews of programming and regional growth: one in February 2001 and one in November 2001, both attached to this report. The first report recommended that UNBC begin regional delivery by offering professional programs. The first Program was Social Work at all three regions and more recently Nursing in both Terrace and Quesnel and undergraduate Education in Terrace. These Program offerings together with the development of new campus buildings in Terrace and Quesnel have boosted registrations by large percentages year over year. There has been no program expansion beyond Social Work in Fort St. John. Expansion in this region has taken place at the graduate level by offering the M.ed program in Grand Prairie and Whitehorse.

Future Regional Planning and offerings

Regional course planning to this point has been driven by professional programs as anchor Programs. Immediate future is for expanded video conference offered courses and programs. There has been a significant capital expenditure placing HD video capability of some form in all Regional Campuses. The next step is to develop Programming to place on that system and to support it.

Fort St. John is different from the other two campuses as there has been less development there. A full investigation of the potential for Education, nursing and business needs to be undertaken alongside video conference Programs from Prince George Campus. The Bachelor of integrated science Program in development can be migrated to the other two campuses when it is finished.

Further support for video conference delivery will be necessary in Terrace, Quesnel and Fort St. John. As will further support to faculty using this technology.

Administrative Structure and Staffing

- Need a regional student academic advisor in each region (much advising falls to regional staff and faculty by default)
- Need an Aboriginal services advisor/coordinator in each region (30 to 40% of students in the northwest regional are aboriginal)
- Reevaluation of Regional Services Coordinator position (title, job description that reflects breadth of duties, CUPE-exempt, salary level, supervisory capacity)
- Look at creating differentiated positions for Regional Services Assistants (e.g., bookstore/library; reception/cashier; events & communications; program support; Prince Rupert campus support)
- Need for sufficient on-going regular staffing to run regional campuses effectively (This would reduce staff burnout and turnover, as well as administrative time spent in hiring and lobbying for term positions)
- In the case of the Terrace campus and all stand-alone campuses, establish the resources and support to create an on-site Facilities department to run the operations and physical plant
- Reevaluate processes and staffing for delivery of community-based distributed programs (e.g., the regular hiring of an itinerant coordinator for the delivery of these programs)
- Provide onsite regional technology support so that use of distance technologies can be optimized and to reduce technology load on instructors & staff
- Clarification about division of duties between regional administrative structures and program administration, and budget accordingly (e.g., presently budgeting, staffing, and administrative responsibilities are allocated differently for each of the B.Ed., the B.Sc.N., the B.S.W., the B.A., the M.Ed., the M.S.W., and the Ed. Dip., which is confusing, inefficient, and a source of conflict)
- More effective Human Resources processes for regional hiring (e.g., currently, it takes from 3-6 months to fill a position)

Administrative and Office Functions

- Regional campus administrative staff need the ability to track admissions (requires full Banner access)
- Regional campus administrative staff need to be able to manage course registrations regionally (requires full Banner access)
- Reevaluate regional bookstore operations (During summer semester, students often cannot obtain their textbooks in a timely way or return them once opened if the course is cancelled. This is especially problematic for short intensive courses.)
- Regional courses need to be posted for online course registration following the same time frames as for Prince George courses so that students can register in a timely way
- Reconsider extent of course offerings in Spring/Summer semester (this would provide necessary planning, administrative, and research time; presently there is no “downtime” as we have courses running 12 month per year, and on evenings and weekends as well as weekdays)
- Separate statistical tracking of the Northwest Regional programs from WVN programs as they are administered separately in practice; provide statistics that track regional students by program, “home campus,” and community (including those enrolling in web courses)

- Reconsider regional library needs; given the growth of regional programs, we now need a way of providing, collecting, lending, and tracking a specialized regional collection
- Revise Regional Academic Planning (RAP) and budgeting process and timelines

Regional Chair Job Description and Title

- Reevaluation and re-designation of the title and job description of Regional Chair position in accordance with multi-campus models at other institutions
- Increased administrative authority for Regional Chairs commensurate with range of responsibilities, including explicit management of course delivery budgets (e.g., problems with Social Work budget)
- Formal participation of Regional Chairs in Deans' Council and/or President's Advisory Council
- Remuneration and teaching and research expectations should be in line with those of other senior university administrators
- Reevaluate lines of reporting for academic faculty so that areas like regional service are appropriately reflected on their performance reviews

Regional Faculty

- Recognize heavy time commitment required from regional faculty for program coordination and new program development using a small community integration model (e.g., provide more staff support, or more teaching releases, or reduce the expectation for research productivity)
- Provide more regional support for research, and tenure and promotion processes (e.g., a senior academic located regionally could be released from other duties to provide research leadership/mentorship; grant-writing workshops could be provided regionally; promotion and tenure information meetings could be held regionally)
- Ability for regional faculty to interact and move up into administrative positions
- Possibility for junior or senior level university administrative positions to be based at one of the regional campuses
- Clarification of relationship between academic and administrative reporting structure for faculty
- Equitable array of faculty ranks at regional campuses (e.g., presently much of the regional course delivery is by sessional and term instructors, which creates a huge administrative load for the few tenured/tenure-track faculty, as well as providing little job security for the sessional and term faculty)
- Consideration for regional faculty to serve on Academic Selection Committees (faculty hiring committees) and any other program and university level committees, along with appropriate communications and/or travel funding to support full participation

Inter-campus Relations

- Consider the potential for specialized programs and centres of excellence to be located at regional campuses
- Need policies and procedures in place so that regional campuses are routinely included in all services and opportunities that faculty and programs access at the PG campus, using distance technologies or via other means (e.g., at present, it is very difficult for regional faculty to participate effectively in College Council meetings or town hall meetings via audio conference, and difficult for staff to obtain suitable training)
- More regional initiation of speaker series, conferences, meetings, etc that are inclusive of all UNBC communities
- Need to support and enhance research roles of faculty and graduate students in the regions
- Need for better communication and processes with PG faculty and other researchers who are conducting research in the regions
- Senior university administrators and program chairs who oversee regional degree programs need to travel to regional campuses on a regular basis
- Consider holding academic program and other senior level meetings at regional campuses on a rotating basis
- Establish procedures and funding to hold graduate defenses at regional campuses for regional graduate students
- Improve videoconference facilities at the Prince George and Quesnel campuses so that this means is more readily used for distance course delivery and meetings
- Consider beginning to offer first and second year university programs at regional campuses, as is the current practice at the Prince George campus

**Registrar's Report to Senate
January 25, 2012**

Spring/Summer Course Schedule: The draft schedule is now out for comment and the schedule will be open for registration at the end of the first week of February. This is one month earlier than previous years, and it is hoped that the additional time will promote increased registration.

January 2012 Exam Schedule: We are expecting to have the exam schedule published the week after the mid-semester break. A reminder that this will be the first time that we will be using the NSC for scheduled exams. We are piloting the use of the NSC for the January 2012 exam period and will be targeting courses of 70 students or more. Faculty members are encouraged to contact the Registrar's Office if they have questions, or would like to participate in the pilot project. We'll also be asking for faculty and student input to address any concerns and to anticipate any issues that might come up.

September/January 2012 Course Schedule: The Scheduling Office has been working hard on redesigning the Infosilem Timetabler product, and expects to have the Fall/Winter Schedule available by the first week of April. We are also anticipating a 2 week review period for faculty prior to the schedule becoming public. I would like to thank Dawn Stevens and Heidi Lawson for the tremendous amount of energy they are putting into the redesign of Timetabler, so that we can better utilize the product.

September 2011 Grade Submission: A big THANK YOU to faculty and staff for your efforts in getting grades in and processed for our students at the end of the September 2011 semester. It's always a challenging process given the condensed reporting period, but I am happy to report that we received 99.3% of our grades on time, and were able to get them out to students! Had it not been for a couple of small technology glitches, we could have improved that number even more. Thank You to everyone!