UNBC UNIVERSITY OF NORTHERN BRITISH COLUMBIA

SENATE MEETING
PUBLIC SESSION
MINUTES

December 10, 2014
3:30 – 5:30 PM
Senate Chambers (Room 1079 Administration Building)

Present:
E. Annis, R. Bird, J. Brown, D. Burke, A. Chow, M. Dale, B. Deo, L. Dickson, D. Erasmus, S. Green, R. Luke Harris, L. Horianopoulos, T. Hanschen (Secretary of Senate), K. Keen, E. Korkmaz, J. Kormos, A. Kitchenham, A. LeBlanc, C. Myers (Recording), C. Nolin, D. Nyce, Kerry Reimer, J. Safaei Boroojeny, B. Schorcht, W. Schwab, P. Siakaluk (Vice Chair), B. Simpson, K. Smith, A. Stroet, R. Tallman, K. Walker, D. Weeks (Chair), T. Whitcombe, A. Wilson, S. Zahir

Regrets:
R. Brouwer, R. Giardino, M. Green, Kirsten Reimer, R. Robinson, D. Ryan, S. Wagner,

Absent:
J. Bankole, C. Carriere, L. Handfield, K. Kuo, B. Wang

The meeting commenced at 3:30 p.m.

1.0 **S-201412.01**
Approval of the Agenda
Schwab
That the agenda for the December 10, 2014 Public Session of Senate be approved as presented.
CARRIED.

2.0 **S-201412.02**
Approval of Senate Minutes
Dale
That the minutes of the November 26, 2014 Public Session of Senate be approved as presented.
CARRIED.

3.0 Business Arising from Previous Minutes of Senate

No business arising was identified.

4.0 President's Report **Dr. Weeks**

Dr. Weeks reported on his recent activities (attached to these minutes as "Appendix I"). He noted that he had attended his first meeting with the Rotary Club and at that meeting he expressed that UNBC has speakers available regarding a number of topics. Dr. Weeks thus encouraged Senators, if invited, to speak with the Rotary Club. Dr. Weeks also expressed thanks to Dr. Dale, who was attending his last

Senate meeting in the role of Provost, for his service to UNBC and personally for guiding Dr. Weeks during his transition to UNBC. Lastly, Dr. Weeks reported that Dr. MacDonald's term as Chancellor ends in 2016 and the call for nominations for the next Chancellor will be announced in the near future.

5.0 Report of the Provost **Dr. Dale**

Dr. Dale reported that two consultants had been retained, one for the purpose of advising on enrolment, recruitment and student engagement and one to provide advice on pedagogical practices regarding distance education and course delivery in the regions. Dr. Dale added that he looked forward to receiving the consultants' reports.

6.0 Report of the Registrar **Mr. Hanschen**

Mr. Hanschen reported that application numbers were up approximately 33%, mostly in graduate studies (to which the online application may have contributed). Undergraduate applications have increased by 6%. Mr. Hanschen expanded upon the application numbers by region. He also indicated that UNBC had increased their online and web presence (with a tool called UNBC4U) resulting in approximately 2,000 prospects since mid-September. Lastly, it was reported by Mr. Hanschen that a travel reimbursement program had been instituted to provide reimbursement for travel to prospective students wishing to visit the campus, and that students had been taking advantage of it. Mr. Hanschen was asked whether information about how UNBC4U works would be shared with other University members and Mr. Hanschen replied that because they haven't been using the tool for very long, those working with it want to get familiar enough with the product's capabilities to be able to provide a meaningful demonstration. Mr. Hanschen added that he would bear this question in mind.

7.0 Question Period **Dr. Weeks**

No questions were posed.

8.0 Removal of Motions from the Consent Agenda **Dr. Weeks**

There were no requests to remove motions from the consent agenda.

9.0 Committee Reports

9.1 Senate Committee on Academic Affairs **Dr. Dale**

"For Approval" Items:

S-201412.03
Changes to Course Number and Preclusions — ENVS 325-3
Dale
That the changes to the course number and preclusions for ENVS 325-3, Global Environmental Change: Science and Policy, on page 235 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective date: September 2015
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]`):

ENVS ~~3~~2225-3 Global Environmental Change: Science and Policy
This course provides both social and natural science students with a common vocabulary and trans-disciplinary understanding of the complex problems and issues of global environmental change science and policy. Once a common vocabulary has been established, interdisciplinary approaches to current environmental problems are introduced and explored.

Cross-listed with INTS 225-3

Prerequisites: ~~60 credit hours~~ None

Precluded: INTS ~~335-3~~ 225-3 Global Environmental Challenge: Sustainability

Motions S-201412.04 to S-201412.08 were dealt with as an omnibus motion.

S-201412.04
Changes to Degree Requirements — Joint Major in English and Environmental Studies (BA Program)
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for the Joint Major in English and Environmental Studies (BA Program), on page 102 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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]):

Joint Major in English and Environmental Studies

The English~~/~~ and Environmental Studies joint major equips students with communication skills and knowledge of environmental issues, regulations and policies. The joint major prepares students to have a positive influence on the environment through written and other forms of expression. This joint major is of particular interest to students who wish to pursue a career in environmental writing, creative non-fiction,science writing and/or journalism.

Program Requirements
Lower-Division Requirement
ENGL104-3 Introduction to Film
ENGL 209-3 Introduction to ~~TV~~ Television Studies
ENGL 231-3 An Introduction to Canadian Literature
ENGL 283-3 Introduction to Romantic Literature
BIOL 110-3 Introductory Ecology
ENVS 101-3 Introduction to Environmental Citizenship
ENVS 225-3 Global Environmental Change: Science and Policy
FNST 100-3 The Aboriginal Peoples of Canada
GEOG 101-3 Human Geographies of Global Change
PHIL 202-3 Comparative Religion
or FNST 303-3 First Nations Religion and Philosophy
Note:
CPSC 150-3 (Computer Applications) is recommended for students without computing experience.

One of:
ENGL 102-3 Introduction to Poetry
ENGL 103-3 Introduction to Fiction
ENGL 270-3 Expository Writing
ENGL 271-3 Introduction to Creative Writing

One of:
ENGL 200-3 Gender and Literary Theory
ENGL 300-3 Theory
ENGL 400-3 Contemporary Theory

One of:
ENGL 211-3 Survey of English Literature I
ENGL 212-3 Survey of English Literature II
ENGL 284-3 Introduction to Victorian Literature
ENGL 285-3 Modern British Literature

One of:
NREM 101-3 Introduction to Natural Resources Management and Conservation
GEOG 206-3 Society and Space
~~INTS 101-3 Canada and the World~~
INTS 100-3 Introduction to Global Studies

Upper-Division Requirement
The following ~~ten~~ nine courses (~~30~~ 27 credit hours) of environmental courses at the 300 or 400 level:
ENVS 309-3 Gender and Environment
or HIST 421-3 ~~Special~~ Topics in Environmental History
~~or INTS 470-3 International Environmental Policy~~
~~ENVS 325-3 Global Environmental Change: Science and Policy~~
ENVS 326-3 Natural Resources, Environmental Issues and Public Engagement
ENVS 414-3 Environmental and Professional Ethics
ENVS 440-~~3~~(2-6) Internship
or ENGL 444-(2-6) Internship
GEOG 420-3 Geographies of Environmental Justice
or GEOG 305-3 Political Ecology
HIST 360-3 An Introduction to Environmental History
NREM 303-3 First Nations' Approaches to Resource Management
or FNST 304-3 Indigenous Environmental Philosophy
NREM 306-3 Society, Policy and Administration
PSYC 408-3 Environmental Problems and Human Behaviour
or ORTM 408-3 The Psychology of Recreation and Tourism

Eight courses (24 credit hours) of English courses at the 300 or 400 level:
One of:
ENGL 309-3 Intermediate Studies in Film or Television
ENGL 331-3 Genres in Canadian Literature
ENGL 383-3 Romantic Literature
ENGL 384-3 Victorian Literature

Two of:
ENGL 430-3 Special Topics in Canadian Literature
ENGL 431-3 Northern BC Literature
ENGL 480-3 Science Fiction
ENGL 483-3 Special Topics in Romantic Literature
ENGL 486-3 Literature of the Fantastic
ENGL 493-(3-6) Cultural Studies

Five additional English courses (15 credit hours) are required to ensure the fulfillment of the 24 credit hour upper-division requirement in English. Two courses may be chosen from the following list of English ancillary courses:
WMST 304-3 Contemporary Women's Writing in an International Frame
WMST 306-3 Indigenous Women: Perspectives
WMST 309-3 Gender and Film
WMST 401-3 Cultural Studies: Gender, Race and Representation
WMST 411-3 Contemporary Feminist Theories

Electives and Academic Breadth
Elective credit hours are required as necessary to ensure completion of a minimum of 120 credit hours including any additional credit hours necessary to meet the Academic Breadth requirement of the University (see Academic Regulation 15). Electives may be at any level in any subject sufficient to ensure completion of a minimum of 120 credit hours.

S-201412.05

Changes to Degree Requirements — Joint Major in Environmental Studies and Political Science (BA Program)

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for the Joint Major in Environmental Studies and Political Science (BA Program), on page 121 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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]):

Joint Major in Environmental Studies and Political Science

The ~~Joint Major in~~ Environmental Studies and Political Science joint major is for students who want both a broad understanding of environmental issues and the political knowledge needed to respond to those issues. The minimum requirement for completion of a Bachelor of Arts with a ~~J~~joint ~~M~~major in Environmental Studies and Political Science is 120 credit hours.

Program Requirements

Lower-Division Requirement

100 Level

ANTH 102-3 Anthropology: A World of Discovery
or FNST 100-3 The Aboriginal Peoples of Canada
BIOL 110-3 Introductory Ecology
ENPL 104-3 Introduction to Planning
ENVS 101-3 Introduction to Environmental Citizenship
ENVS 225-3 Global Environmental Change: Science and Policy
GEOG 101-3 Human Geographies of Global Change
GEOG 204-3 Introduction to GIS for the Social Sciences
or GEOG 205-3 Cartography and Geomatics
GEOG 206-3 Society and Space
INTS 100 Introduction to Global Studies
~~INTS 205-3 Introduction to International Studies~~
POLS 100-3 Contemporary Political Issues
POLS 200-3 Canadian Government and Politics
POLS 202-3 Canada in Comparative Perspective
POLS 270-3 Political Philosophy: Antiquity to Early Modernity

Upper-Division Requirement

ENPL 401-3 Environmental Law
ENVS 306-3 Human Ecology
ENVS 309-3 Gender and Environment~~al Studies~~
or GEOG 305-3 Political Ecology
or GEOG 420-3 Geographies of Environmental Justice
~~ENVS 325-3 Global Environmental Change: Science and Policy~~
ENVS 326-3 Natural Resources, Environmental Issues and Public Engagement
ENVS 440-(2-6) Internship
or POLS 440-3 Internship I
ENVS 414-3 Environmental and Professional Ethics
FNST 304-3 Indigenous Environmental Philosophy
or NREM 303-3 First Nations' Approaches to Resource Management
NREM 306-3 Society, Policy and Administration
or POLS 344-3 Society, Policy and Administration of Natural Resources
ORTM 408-3 The Psychology of Recreation and Tourism
or PSYC 408-3 Environmental Problems and Human Behaviour
POLS 302-3 How Government Works
or POLS 320-3 Canadian Politics and Policy
POLS 303-3 Democracy and Dictatorship
POLS 370-3 Political Philosophy: Early Modernity to Post-Modernity

or POLS 372-3 Theories of Justice
POLS 400-(3-6) Classics in Political Philosophy
or POLS 472-3 Seminar in Political Philosophy
POLS 413-3 Democracy~~, Citizenship~~ and ~~Human Rights~~ Diversity
or POLS 415-3 Comparative Northern Development

One of:
NRES 421-1 Professional Writing
and NRES 422-2 Undergraduate Report
or
NRES 430-6 Undergraduate Thesis

Electives and Academic Breadth

Elective credit hours ~~at any level in any subject sufficient~~ are required as necessary to ensure completion of a minimum of 120 credit hours including any additional credit hours
necessary to meet the Academic Breadth requirement of the University
(see Academic Regulation 15). Electives may be at any level in any subject sufficient
to ensure completion of a minimum of 120 credit hours.

S-201412.06
Changes to Degree Requirements — Major in Environmental Studies (Okanagan Diploma in Environmental Studies Degree Completion) (BA Program)
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for the Major in Environmental Studies (Okanagan Diploma in Environmental Studies Degree Completion) (BA Program), on page 120 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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]`):

Major in Environmental Studies (Okanagan Diploma in Environmental Studies Degree Completion)

This 60-credit-hour program of study is available only to students from Okanagan College with a diploma in Environmental Studies (Environmental Management Option or Interdisciplinary Environmental Arts Option).
Degree requirements: Diploma in Environmental Studies from Okanagan College, minimum Cumulative GPA of 2.5, plus 33 credit hours.
Area of focus: ~~24–29~~ 24-29 credit hours
Elective credit hours in any subject as necessary to ensure completion of a minimum of 60 credit hours at UNBC.

Curriculum

Lower-Division Requirement

*BIOL 110-3 Introductory Ecology
or POLS 100-3 Contemporary Political Issues
ENPL 104-3 Introduction to Planning
ENVS 101-3 Introduction to Environmental Citizenship
ENVS 225-3 Global Environmental Change: Science and Policy

Upper-Division Requirement

300 Level
GEOG 300-3 Geographic Information Systems
~~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 FNST 304-3 Indigenous Environmental Philosophy
or ENPL 208-3 First Nations Community and Environmental Planning
400 Level
ENPL 401-3 Environmental Law
ENVS 440-3 Internship
GEOG 401-3 Resource Geography
GEOG 424-3 Social Geography of Northern Communities

*Students who completed the Interdisciplinary Arts diploma option should take BIOL 110, and students who completed the Environmental Management diploma option should take POLS 100.
Total: 33 credits

Areas of ~~Focus~~ Specialization

Students must choose one of the following ~~an~~ areas of ~~focus specialization, as described above, in one of the following five areas: Global Environmental Studies; Communities and Environmental Citizenship: Natural Resource Management; Science, Technology and Society; and First Nations.~~ Courses used to fulfill major requirements above may not be used to fulfill an ~~a~~Area of ~~s~~Specialization requirement.

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

S-201412.07
Changes to Degree Requirements — Environmental Studies (BA Program)
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for Environmental Studies (BA Program), on page 118-122 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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]`):

Environmental Studies (BA Program)

Kathy Lewis, Professor and Chair
Annie Booth, Professor
Art Fredeen, Professor
Scott Green, Associate Professor
Zoe Meletis, Associate Professor
Ken Wilkening, Associate Professor
Website: www.unbc.ca/environmental-studies

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~~ It positions students to be effective agents for mitigation of~~,~~ and/or adaptation to~~,~~ environmental change. ~~An emphasis is placed upon~~ ~~u~~Understanding Environmental Citizenship is emphasized.

Students must complete the common degree requirements, the requirements of the ~~a~~Area of ~~focus~~ Specialization 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 Undergraduate Academic
Regulation 15).

Program Requirements

Lower-Division Requirement

100 Level
ANTH 102-3 Anthropology: A World of Discovery
or FNST 100-3 The Aboriginal Peoples of Canada
BIOL 110-3 Introductory Ecology
CHEM 110-3 Chemistry ~~for~~ of Everyday Life
or CHEM 100-3 General Chemistry I
or PHYS 150-3 Physics for Future Leaders
ENPL 104-3 Introduction to Planning
ENVS 101-3 Introduction to Environmental Citizenship
GEOG 101-3 Human Geographies of Global Change
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 ~~a~~Area of ~~focus~~ Specialization should take BIOL 103-3/BIOL 123-1 and BIOL 104-3/BIOL 124-1 instead of BIOL 110-3.
Students who wish to take the First Nations ~~a~~Area of ~~focus~~ Specialization should choose FNST 100-3.

200 Level
ENGL 270-3 Expository Writing
or ENGL 271-3 Introduction to Creative Writing
ENVS 225-3 Global Environmental Change: Science and Policy
GEOG 204-3 Introduction to 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
ENVS 306-3 Human Ecology
ENVS 309-3 Gender and Environment~~al Studies~~
~~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 Tenure, Conflict and Resource Geography~~
~~or HIST 360-3 An Introduction to Environmental History~~
NREM 303-3 First Nations' Approaches to Resource Management
or FNST 304-3 Indigenous Environmental Philosophy
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~~(2-6) Internship
GEOG 401-3 Tenure, Conflict and Resource Geography
GEOG 420-3 Geographies of Environmental Justice
or GEOG 305-3 Political Ecology
NRES 421-1 Professional Writing
and NRES 422-2 Undergraduate Report
or NRES 430-6 Undergraduate Thesis
PSYC 408-3 Environmental Problems and Human Behaviour
or ORTM 408-3 The Psychology of Recreation and Tourism

Areas of Specialization

Students must choose one of the following areas of specialization. Courses used to fulfill major requirements above may not be used to satisfy an Area of Specialization 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~~
INTS 100-3 Introduction to Global Studies
GEOG 206-3 Society and Space

Choose eight of the following:
~~FNST 416-3 Indigenous Perspective~~
GEOG 301-3 Cultural Geography
GEOG 305-3 Political Ecology (if NOT taken as a requirement for the major)
GEOG 306-3 Geography of International Development: Places, People, Policies and Promises
GEOG 307-3 ~~402-3 Geography of Circumpolar North~~ Changing Arctic: Human and Environmental System
GEOG 426-3 Geographies 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 Environments of the Circumpolar North 1
NORS 331-3 Contemporary Issues of the Circumpolar North 1
ORTM 403-3 International Dimensions of Outdoor Recreation and Tourism
ORTM 414-3 Polar Tourism and Recreation

Communities and Environmental Citizenship

Required
ENPL 301-3 Sustainable Communities: Structure and Sociology
GEOG 206-3 Society and Space
GEOG 426-3 Geographies of Culture, Rights and Power

Choose six of:
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 217-3 Contemporary Challenges Facing Aboriginal Communities
FNST 407-3 First Nations Perspectives on Race, Class, Gender and Power
GEOG 209-3 Migration and Settlement
GEOG 305-3 Political Ecology
GEOG 308-3 Environments of Health and Care
ORTM 100-3 Foundations of Outdoor Recreation and Tourism
ORTM 200-3 Sustainable Outdoor Recreation and Tourism
ORTM 407-3 Recreation, Tourism and Communities
POLS 316-3 ~~Community~~ Municipal 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~~ Field Skills
NREM 101-3 Introduction to Natural Resources Management ~~II~~ and Conservation
NREM 210-3 Integrated Resource Management
ORTM 100-3 Foundations of Outdoor Recreation and Tourism

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 Low Carbon Energy Development
~~GEOG 401 -3 Tenure, Conflict and Resource Geography~~
~~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 Area~~s~~ Planning and Management
ORTM 400-3 Conservation Area Design and Management
POLS 315-3 Contemporary Issues in the 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 103-3 Introductory Biology I
BIOL 123-1 Introductory Biology I Laboratory
BIOL 104-3 Introductory Biology II
BIOL 124-1 Introductory Biology II Laboratory
BIOL 201-3 Ecology
~~INTS 309-3 Global Science and Technology~~

Choose ~~six~~ seven of:
BIOL 304-3 Plants, Society and the Environment
BIOL 333-3 Field School
ENPL 303-3 Spatial Planning with Geographical Information Systems (GIS)
ENSC 201-3 Weather and Climate
ENSC 202-3 Introduction to Aquatic Systems
ENSC 308-3 Northern Contaminated Environments
ENSC 404-3 Waste Management
ENSC 425-3 Climate Change and Global Warming
FSTY 205-3 Introduction to Soil Science
~~INTS 205-3 Introduction to International Studies~~
INTS 100 Introduction to Global 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 BC
FNST 217-3 Contemporary Challenges Facing Aboriginal Communities
FNST 249-3 Aboriginal Resource Planning
GEOG 206-3 Social Geography

Choose six of:
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 Indigenous Environmental Philosophy
~~FNST 416-3 International Perspectives~~
FNST 451-3 Traditional Use Studies
GEOG 301-3 Cultural Geography
GEOG 403-3 ~~Aboriginal~~ First Nations and Indigenous 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~~

Electives and Academic Breadth
Elective credit hours ~~in any subject~~ are required as necessary to ensure completion of a minimum of 120 credit hours including any additional credit hours necessary to meet the Academic Breadth requirement of the University (see Academic Regulation 15). Electives may be at any level in any subject sufficient to ensure completion of a minimum of 120 credit hours.

S-201412.08
Changes to Degree Requirements — Minor in Environmental Studies
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for the Minor in Environmental Studies, on page 121 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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 Environmental Studies

The minor in Environmental Studies offers an opportunity for students in other disciplines to learn how individual lives are connected with environmental systems, and to gain understanding and perspective on key environmental issues. A maximum of two courses (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~~225-3 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
ENVS 301-3 Natural Resources, Environmental Issues and Public Engagement
ENVS 309-3 Gender and Environment
~~FNST 203-3 Introduction to Traditional Ecological Knowledge~~
FNST 304-3 Indigenous Environmental Philosophy
GEOG 305-3 Political Ecology
GEOG 401-3 Tenure, Conflict and Resource Geography
GEOG 420-3 Geographies of Environmental Justice
NREM 303-3 First Nations' Approaches to Resource Management
~~ORTM 100-3 Foundations of Outdoor Recreation and Tourism~~
~~ORTM 200-3 Sustainable Outdoor Recreation and Tourism~~

S-201412.09
Changes to Degree Requirements — Minor in Global Environmental Change
Horianopoulos
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the Degree Requirements for Minor in Global Environmental Change, on page 122 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
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 Global Environmental Change

The ~~minor in~~ Global Environmental Change minor offers ~~a way for UNBC~~ students ~~to obtain~~ a well-rounded perspective ~~and knowledge-base~~ on global change issues. The minor ~~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 minor 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~~ the Global Environmental Change minor.
Students must complete ENVS ~~325~~225-3 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~~ 225-3 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
GEOG 100-3 Environments and People: The Geography of Natural Hazards
GEOG 432-3 Remote Sensing
PHYS 307-3 Selected Topics in Environmental Physics

Three of:
ECON 305-3 Environmental Economics and Environmental Policy
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 401-3 Tenure, Conflict and Resource Geography
GEOG 420-3 Geographies of Environmental Justice
HIST 360-3 An Introduction to Environmental History
HIST 421-3 Topics in Environmental History
INTS 100-3 Introduction to Global Studies
~~INTS 205-3 Introduction to International Studies~~
INTS 300-3 International Organization
~~INTS 307-3 Global Resources~~
~~INTS 470-3 International Environmental Policy~~
ORTM 200-3 Sustainable Resource Recreation and Tourism
POLS 100-3 Contemporary Political Issues
POLS 344-3 Society, Policy and Administration of Natural Resources
PSYC 408-3 Environmental Problems and Human Behaviour

S-201412.10
New Course Approval — NRES 761-3
Dale
That, on the recommendation of the Senate Committee on Academic Affairs, the new course NRES 761-3 Graduate Field Applications in Resource Management be approved as proposed.
Proposed semester of first offering: May 2015
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]):

NRES 761 - 3 Graduate Field Applications in Resource Management.
This field-based course, normally offered in conjunction with NREM 333-3, provides graduate students with a practical understanding of principles of integrated resource management. The course focuses on the many values of a landbase through modularized lessons and an authentic case study approach. Meeting with various stakeholders and professionals working in the field allows students to explore relevant and contemporary issues in natural resource management.
Preclusions: NREM 333-3

S-201412.11
New Course Approval — NRES 762-3
Dale
That, on the recommendation of the Senate Committee on Academic Affairs, the new course NRES 762-3 Graduate Biology Field School be approved as proposed.
Proposed semester of first offering: May 2015
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]):

NRES 762-3 Graduate Biology Field School
This is a graduate level experiential course designed for students to focus on theoretical and practical skills involved in the field. It is normally offered in conjunction with BIOL 333-3 Biology Field School. Each field school is designed to incorporate the theories, models and other concepts introduced in the classroom and bring them into greater clarity by examining them in a real world setting. This course may be repeated with the permission of the instructor if the subject matter and course location differ substantially.
Prerequisites: Some Biology background, subject to approval of instructor.
Co-requisites: NRES 798-3 taken with the instructor/s of the Field School
Preclusions: BIOL 333

S-201412.12
New Course Approval — NRES 763-3
Dale
That, on the recommendation of the Senate Committee on Academic Affairs, the new course NRES 763-3 Graduate Geography Field School be approved as proposed.
Proposed semester of first offering: May 2015
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]):

NRES 763-3 Graduate Geography Field School
Graduate students apply field methods in physical and/or human geography towards an integrated study of local and global environments. This course is normally taught concurrently with GEOG 333-3.
Preclusions: GEOG 333-3

S-201412.13
New Course Approval — NRES 775-3
Dale
That, on the recommendation of the Senate Committee on Academic Affairs, the new course NRES 775-3 Society and Natural Resources be approved as proposed.
Proposed semester of first offering: January 2016
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 graduate seminar course explores different aspects of the relationship between society and natural resource development. The themes explored vary depending on student interests and instructor areas of expertise, but typically involve consideration of the following: social processes by which natural resources are defined and valued; how these processes change over time and space; how conflicting and contradictory values and understandings of natural resources are resolved; and the social processes by which natural resource development is managed. Themes may include considerations of gender, culture, place, economics and governance.

S-201412.14
New Course Approval — NRES 776-3
Dale
That, on the recommendation of the Senate Committee on Academic Affairs, the new course NRES 776-3 Statistical Analyses for Natural Resource Sciences be approved as proposed.
Proposed semester of first offering: September 2015
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 provides graduate students in natural resource sciences with advanced, practical training in the analysis of quantitative data. The course focuses primarily on advanced univariate statistics that can be applied to both experimental and observational data. This focus includes a full exploration of generalized linear models (E.g., linear, logistic, and mixed models) as well as methods for experimental data including analysis of variance and associated techniques. Also, students receive instruction in the principles of experimental design, data management, and the review and reporting of statistical results. Students receive instruction in the use of statistical software used for manipulating and analysing data that are applicable to the natural resource sciences.
Preclusions: NRES 798-3 Statistical Methods for Ecologists
Course Equivalencies: NRES 798-3 Statistical Methods for Ecologists

S-201412.15
Changes to the Description of Supervisory Committees for the PhD-NRES
Smith
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the description of Supervisory Committees for the PhD-NRES, on page 85 of the 2014/2015 graduate calendar, be approved as proposed.
Effective Date: September 2015
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]):

Supervisory Committee Structure
The PhD Committee will consist of the designated advisor and a minimum of three ~~four~~ additional faculty members, at least one of whom will be chosen from outside the Natural Resources and Environmental Studies Graduate Program. The outside faculty member may be chosen from other UNBC faculties or from ~~other Canadian/United States accredited~~ post-secondary institutions accredited in Canada and the United States. Under exceptional circumstances, and with approval from the Dean of Graduate

Programs, additional members may be added at the request of the student or the advisor. The expertise represented on the committee should reflect ~~the concept of~~ interdisciplinarity. The committee should be assembled ~~during the student's first year of study~~ by the beginning of the student's second semester of study (I.e. the January Semester) to facilitate the student preparing for the required Candidacy Exams.

S-201412.16
Changes to Grade Mode for ENVS 440-(2-6)
Schwab
That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the grade mode for ENVS 440-(2-6) Internship, on page 215 of the 2014/2015 undergraduate calendar, be approved as proposed.
Effective Date: September 2015
CARRIED.

S-201412.17
Clarification of the Psychology (PhD Program) Page of the Graduate Calendar — Replacement of the Term "Comprehensive Examination" with "Doctoral Candidacy Examination"
Smith
That, on the recommendation of the Senate Committee on Academic Affairs, a clarification to the Psychology (PhD Program) page of the graduate calendar whereby the term "comprehensive examination" is replaced by "doctoral candidacy examination" be approved as proposed.
Effective Date: January 2015
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]):

Required courses in Psychology are offered on a two-year schedule. These courses provide students with the basic foundations upon which to build their PhD research, In addition, students are required to complete successfully a **doctoral candidacy** ~~**comprehensive**~~ examination and a PhD dissertation (PSYC 890-12). The **doctoral candidacy** ~~**comprehensive**~~ examination is tailored to ensure each student is adequately prepared to begin work on the PhD dissertation.

Students must have a ~~c~~Cumulative GPA of B+ or better by the end of their second semester of registration, and maintain it at B+ or better thereafter.

Students may be required to address deficiencies within their background preparation in Psychology or in their area of concentration that are identified by the Psychology Graduate Committee. Additional courses may be required.

Normally, students take a **doctoral candidacy** ~~**comprehensive**~~ examination by the end of the first year in the program (or 12 credit hours for part-time students). Upon successfully completing the **doctoral candidacy** ~~**comprehensive**~~ examination, and presenting an acceptable dissertation proposal to their supervisory committee, a student is granted PhD Candidate status, and embarks upon completion of the dissertation under the supervision of a Faculty Academic Supervisor. Normally, it is expected that the defence of the dissertation by full-time PhD Candidates will take place within three years of acceptance into the program.

Motions S-201412.18 to S-201412.26 were dealt with as an omnibus motion.

S-201412.18
Approval of Memorandum of Understanding between Chonnam National University (CNU) and UNBC
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Chonnam National University (CNU) and the University of Northern British Columbia be approved as proposed.
Effective Date: October 31, 2014
CARRIED.

S-201412.19

Approval of Memorandum of Understanding between Geumgang University (GGU) and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Geumgang University (GGU) and the University of Northern British Columbia be approved as proposed.

Effective Date: December 2013

CARRIED.

S-201412.20

Approval of Memorandum of Understanding between Hankyong National University and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Hankyong National University and the University of Northern British Columbia be approved as proposed.

Effective Date: February 24, 2014

CARRIED.

S-201412.21

Approval of Memorandum of Understanding between Kangwon National University (KNU) and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Kangwon National University (KNU) and the University of Northern British Columbia be approved as proposed.

Effective Date: October 15, 2014

CARRIED.

S-201412.22

Approval of Memorandum of Understanding between Beijing Academy and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Beijing Academy and the University of Northern British Columbia be approved as proposed.

Effective Date: Upon approval by Senate

CARRIED.

S-201412.23

Approval of Memorandum of Understanding between Kyungil University and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Kyungil University and the University of Northern British Columbia be approved as proposed.

Effective Date: Upon approval by Senate

CARRIED.

S-201412.24

Approval of Memorandum of Understanding between The University of International Business and Economics (UIBE) and UNBC

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between The University of International Business and Economics (UIBE) and the University of Northern British Columbia be approved as proposed.

Effective Date: Upon approval by Senate

CARRIED.

S-201412.25
Approval of Memorandum of Understanding between Yeungnam University and UNBC
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Yeungnam University and the University of Northern British Columbia be approved as proposed.
Effective Date: Upon approval by Senate
CARRIED.

S-201412.26
Approval of Memorandum of Understanding between Hanbat National University (HNU) and UNBC
Whitcombe
That, on the recommendation of the Senate Committee on Academic Affairs, the Memorandum of Understanding between Hanbat National University (HNU) and the University of Northern British Columbia be approved as proposed.
Effective Date: Upon approval by Senate
CARRIED.

S-201412.27
Identification of "Minimum" Path for Each Degree Stream or Program
Horianopoulos
That, on the recommendation of the Senate Committee on Academic Affairs, the University of Northern British Columbia Senate requires each academic unit by March 25, 2015 to identify the "minimum path" for each degree stream or program within its purview.
Effective Date: Upon successful adoption by Senate
CARRIED.

9.2 Senate Committee on Academic Appeals **Dr. Whitcombe**

"For Information" Items:

SCAA201411.04
Approval of 2013-2014 Annual Report
Dale
That the 2013-2014 Annual Report (September 1, 2013 to August 31, 2014) from the Senate Committee on Academic Appeals be approved as proposed and forwarded to Senate for information.
Effective date: November 24, 2014
CARRIED (consent agenda).

9.3 Senate Committee on the University Budget **Dr. Whitcombe**

Senator Whitcombe reported that SCUB has met several times and they continue to meet. He added that if anyone had any comments or questions for the Committee, they were welcome to contact him or Ms. Myers.

9.4 Senate Committee on Nominations **Dr. Zahir**

"For Approval" Items:

S-201412.28
Membership Changes to Senate Committees
That, on the recommendation of the Senate Committee on Nominations, and barring further nominations from the floor of Senate, the following candidates, who have met all eligibility requirements to serve on Senate committees as indicated, be appointed as proposed.
Effective date: Immediately upon approval by Senate

SENATE COMMITTEE POSITION TO BE FILLED ***(except as otherwise noted, all terms begin immediately)***	**CANDIDATE**
Senate Committee on Academic Affairs	
Graduate Student — CSAM (until March 31, 2015)	Darshik Shirodaria

10.0 **S-201412.29** **Dr. Weeks**

Approval of Motions on the Consent Agenda

Dale

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

CARRIED.

11.0 Other Business

No other business was identified.

12.0 Information

12.1 Notification of impending Chancellor vacancy

Dr. Weeks noted that the current Chancellor's term of office ends in 2016, so the search was beginning now for a new Chancellor.

13.0 **S-201412.30**

Adjournment

Whitcombe

That the Senate meeting be adjourned.

CARRIED.

The meeting ended at 4:25 p.m.

APPENDIX I

PRESIDENT WEEKS
ACTIVITIES UPDATE FOR SENATE

November		
25th	Farewell Reception for Paul Michel	Prince George
26th	South Central Regional Advisory Committee Meeting	Quesnel
December		
1st	AUCC Workshops & Reception	Calgary
2nd	Encana Meeting	Calgary
3rd	UNBC Alumni Christmas Party	Prince George
4th	Meeting with Blair Littler	Vancouver
5th	Meeting with Allan Cahoon, President Royal Roads University	Vancouver
5th	RUCBC Meeting	Vancouver
7th	UNBC MBA Holiday Social	Vancouver
8th	Birthday Celebration of his Majesty the Emperor of Japan	Vancouver
9th	PG Rotary Club Lunch	Prince George
9th	Dinner with PG Mayor Lyn Hall	Prince George