

**SENATE MEETING
PUBLIC SESSION
MINUTES**

May 12, 2010
3:30 – 5:30 PM
Room 7-172 Bentley Centre

Present:

O. Adegbite, J. Alec, E. Annis, M. Archie, S. Beeler, S. Bennett, R. Brouwer, C. Carriere, D. Casperson, C. Chasteauneuf, M. Dale (Vice Chair), A. Dayanandan, J. DeGrace (Secretary of Senate), H. Donker, G. Fondahl, M. Hatcher, R. Hoffman, K. Hutchings, J. Hyndman, G. Iwama (Chair), E. Jensen, E. Kim, M. Kizhakkeniyil, R. Lazenby, W. McGill, C. Myers (Recording), C. O'Callaghan, R. Robinson, J. Van Barneveld, S. Wagner, A. Yakemchuk, S. Zahir

Regrets:

G. Ashoughian, T. Binnema, S. Déry, R. Ellis, M. Green, W. Haque, I. Hartley, D. Leighton-Stephens, D. Macknak, S. McKenzie, D. Nyce, M. Reid, I. Uche-Ezeala, J. Young

The meeting commenced at 3:30 p.m. When a new Senator, Chief Michael Archie, joined the meeting by teleconference, he was introduced by Dr. Iwama.

1.0 S-201005.01

Approval of the Agenda

Annis / Alec

That the Agenda for the May12, 2010 Public Session of Senate be approved as presented.

CARRIED.

2.0 S-201005.02

Approval of Senate Minutes

Hutchings / Zahir

That the Minutes of the April 21, 2010 Public Session of Senate be approved as presented.

CARRIED.

3.0 Business Arising from Previous Minutes of Senate

A Senator asked when the schedule of external reviews, which he had asked about at the previous meeting, would be posted. The Provost responded that the information had been compiled and that if it was not posted already, he would ensure that it was.

4.0 President's Report

Iwama

President Iwama reported that he had visited the regional campuses and met with the regional advisory councils. He added that it was a privilege to hear about the campuses' opportunities and challenges, and

that he would be attending the regional graduation ceremonies in June. The President attended a meeting, in Smithers, of the North Central Local Government Association, and delivered a presentation on the New North Foundation at a meeting of the Northern Medical Program Trust.

Dr. Iwama reported that, with regard to UNBC not being accepted into the Canadian Interuniversity Sport (CIS) organization, he was disappointed but planned to continue to pursue this. He added that he was present at the meeting in Smithers when he received this news, and that the mayors in attendance immediately drafted a resolution in response to the news. Dr. Iwama noted that this was but one demonstration of the tremendous support from the regions for UNBC's inclusion in the CIS.

Dr. Iwama concluded his report with an update on the progress of the Wood Innovation and Design Centre, noting that the project now has a new coordinator.

5.0 Report of the Provost

Dale

With regard to the Wood Innovation and Design Centre and the potential expansion of UNBC's engineering programs as a result, Dr. Dale reported that it seems less likely that the programs will be expanded in the near future or in conjunction with the opening of the Wood Innovation and Design Centre. He added that he anticipated the expansion coming to fruition, but not as quickly as he had hoped.

With regard to position searches, Dr. Dale asked Senators to expect an announcement regarding the Dean of the College of Science and Management within the next week or so. He added that, with regard to the Athletics Director position, UNBC had received applications from several qualified candidates and would be proceeding to conduct telephone interviews.

6.0 Question Period

A Senator asked whether enrolment numbers for the fall were available yet. Dean Madak responded that they were not, but a recent application snapshot shows that undergraduate applications have decreased by 3% and graduate applications have increased by 20% in comparison with figures from the same time last year. The Senator asked whether there was a retention plan in place for the coming year. Dr. Dale responded that he had received an action plan from Dean Madak in relation to both recruitment and retention, but that no action had yet been taken.

7.0 S-201005.03

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

Annis / Hutchings

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

CARRIED.

8.0 Committee Reports

8.1 Senate Committee on Academic Policy and Planning

Dale

"For Approval" Items:

S-201005.04

Renewal of Student Exchange Agreement Between the Pôle ESG (France) and the University of Northern British Columbia

Donker / Zahir

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the renewal of the student exchange agreement between the Pôle ESG (France) and the University of Northern British Columbia be approved as proposed.

Effective date: September 2010

CARRIED.

S-201005.05

Approval of New Joint Major — Economics and International Studies

Donker / Dayanandan

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the new Joint Major in Economics and International Studies be approved as proposed.

Effective date: September 2010

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]):

General Calendar Description: Joint majors are designed for students interested in a combination of two related fields of study. They normally involve a specific set of course requirements selected to provide solid specialization in each of the two fields. The graduation requirements for a Joint Major can normally be met in four years of study.

Curriculum:

The minimum requirement for completion of a Bachelor of Arts with a Joint Major in Economics and International Studies is 120 credit hours.

Lower Division Requirement

ECON 100-3 Microeconomics

ECON 101-3 Macroeconomics

ECON 120-3 Globalization and World Economies

ECON 202-3 History of Economic Thought

or ECON 203-3 Canadian Economic History

ECON 205-3 Statistics for the Social and Management Sciences

INTS 101-3 Canada and the World

INTS 205-3 Introduction to International Studies

One of:

INTS 200-3 Contemporary Russia

INTS 202-3 Contemporary United States

INTS 203-3 Contemporary Japan

INTS 204-3 Contemporary China

INTS 240-3 Contemporary Circumpolar North

Upper Division Requirement*

INTS 310-3 Origins and Evolution of International Studies

ECON 308-3 International Economic Relations

ECON 310-3 Intermediate Microeconomic Theory

ECON 311-3 Intermediate Macroeconomic Theory

ECON 321-3 Economics of Developing Countries

Fifteen additional credit hours of 300- or 400-level International Studies courses.

Six additional credit hours of 300- or 400-level Economics courses.

* Students must ensure that all prerequisites are fulfilled prior to registering in any courses. Note that MATH 152 is a prerequisite for ECON 310.

Language Requirement

Twelve credit hours of International Studies language courses. At least two courses must be in one language.

Elective Requirement

Electives at any level in any subject sufficient to ensure completion of a minimum of 120 credit hours.

S-201005.06

Change to BSW Program Requirements

Zahir / Donker

That, on the recommendation of the Senate Committee on Academic Policy and Planning, students enrolling in any required course in the BSW Program must have completed all prerequisites with a grade of C or better.

Effective date: May 2010

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]):

Qualification for Degree

It is the responsibility of the student to ensure that his/her degree requirements are met. Graduation requirements are found in the Regulations and Policies section of this Calendar. To fulfill the requirements of graduation, the student must also:

- attain a minimum cumulative GPA of 2.33 (~~"C+"~~) (C+) on courses for credit towards the Social Work degree.
- obtain a minimum passing grade of 2.00 (~~"C"~~) (C) in every Social Work course for credit towards the degree- (note: Students enrolling in any required course must have completed all prerequisites with a grade of C or better); and
- complete all requirements for the BSW program within eight years of admission into the program or from the first Social Work course used for credit towards the degree.

S-201005.07

Addition of Paragraph Prior to NOLS Course Descriptions

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the following paragraph be approved as proposed and be posted above the NOLS course descriptions:

The National Outdoor Leadership School (NOLS) is a not for profit educational institution that offers courses in outdoor leadership and wilderness education throughout Canada and around the world. Courses with NOLS prefixes are taught through a partnership agreement with NOLS and are not physically taught at UNBC. Students need to enroll in a NOLS field-based program in order to access these courses/credits, and there are additional tuition costs for such a program. Information about NOLS courses and how to register is available from the ORTM program or from the student advisors.

Effective date: September 2010

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]):

The National Outdoor Leadership School (NOLS) is a not for profit educational institution that offers courses in outdoor leadership and wilderness education throughout Canada and around the world. Courses with NOLS prefixes are taught through a partnership agreement with NOLS and are not physically taught at UNBC. Students need to enroll in a NOLS field-based program in order to access these courses/credits, and there are additional tuition costs for such a program. Information about NOLS courses and how to register is available from the ORTM program or from the student advisors.

S-201005.08

Change to Program Requirements — Outdoor Recreation and Tourism Management Program

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the Outdoor Recreation and Tourism Management Program requirements be approved as proposed.

Effective date: September 2010

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]):

Major in Nature-Based Tourism Management

Undergraduate students are required to complete a minimum of thirteen (13) Outdoor Recreation & Tourism Management courses (39 credit hours).

The minimum requirement for completion of a Bachelor of Arts with a major in Nature-Based Tourism Management is 122 credit hours.

Program Requirements

Lower Division Requirement

100 Level

BIOL 110-3	Introductory Ecology
COMM 100-3	Introduction to Canadian Business
ECON 100-3	Microeconomics
ENPL 104-3	Introduction to Planning
GEOG 100-3	Environments and People
or GEOG 101-3	Human Geography
or FNST 100-3	The Aboriginal Peoples of Canada
—or POLS 100-3	Contemporary Political Issues
<u>—or ENVS 101-3</u>	<u>Introduction to Environmental Citizenship</u>
NREM 100-3*	Field Skills
ORTM 100-3	Leisure in Life

Students with little or no computer experience are strongly encouraged to take CPSC 150-3 (Computer Applications) or CPSC 110-3 (~~Introduction to Computer Systems and Programming~~).

***Note:** Applications for exemption from NREM 100-3 must be made within the first year of study in any Natural Resource Management major.

200 Level

COMM 230-3	Organizational Behaviour
COMM 240-3	Introduction to Marketing
ECON 205-3	Statistics for the Social and Management Sciences

or MATH 240-3	Basic Statistics
ORTM 200-3	Sustainable Recreation and Tourism
ORTM 202-3	Ecotourism and Adventure Tourism
ORTM 204-3	Visitor Behaviour

Two of:

ENPL 204-3	Principles and Practices of Planning
ENPL 205-3	Environment and Society
ENPL 208-3	First Nations Community and Environmental Planning
FNST 215-3	Issues in External Relations for Contemporary Indigenous Peoples
GEOG 200-3	Geography of BC
INTS 307-3	Global Resources
GEOG 204-3	Introduction to GIS for the Social Sciences
or GEOG 205-3	Cartography and Geomatics
INTS 205-3	Introduction to International Studies
NREM 210-4	Integrated Resource Management

Upper Division Requirement

Nine credit hours from:**

<u>ORTM 305-3</u>	<u>Protected Areas Planning and Management</u>
<u>ORTM 332-3</u>	<u>Outdoor Education and Leadership</u>
<u>ORTM 400-3</u>	<u>Conservation Area Design and Management</u>
<u>ORTM 403-3</u>	<u>International Dimensions in Recreation and Tourism</u>
<u>ORTM 407-3</u>	<u>Recreation, Tourism and Communities</u>
<u>ORTM 408-3</u>	<u>The Psychology of Recreation and Tourism</u>
<u>ORTM 414-3</u>	<u>Polar Tourism and Recreation</u>
<u>ORTM 433 (1-6)</u>	<u>Field Experience II</u>
<u>ORTM 440 (2-6)</u>	<u>Internship</u>
<u>ORTM 498 (1-3)</u>	<u>Special Topics</u>
<u>ORTM 499 (1-6)</u>	<u>Independent Study</u>
<u>NOLS 300-2</u>	<u>Environmental Ethics, Leave No Trace and Leadership</u>
<u>NOLS 301-2</u>	<u>Group Leadership Techniques</u>
<u>NOLS 302 (2-6)</u>	<u>Wilderness Skills Practicum</u>
<u>NOLS 303-2</u>	<u>Risk Management, Assessment and Decision Making</u>

****Note:** Up to 6 credit hours of NOLS prefixed courses can count towards this category. Any additional NOLS credit hours can be used as elective credit.

300 Level

COMM 302-3	Entrepreneurship
COMM 342-3	Services Marketing
COMM 343-3	Consumer Behaviour <u>Behavioural Marketing</u>
FNST 304-3	First Nations Environmental Philosophy and Knowledge
or NREM 303-3	First Nations' Approaches to Resource Management
ORTM 300-3	Recreation and Tourism Impacts
ORTM 301-3	Environmental Interpretation
ORTM 306-3	Indigenous Tourism and Recreation
ORTM 333-3	Field Experience

One of:

ENPL 305-3	Environmental Impact Assessment
ENPL 313-3	Rural Community Economic Development
GEOG 300-3	Geographic Information Systems
INTS 307-3	Global Resources
NREM 306-3	Society, Policy and Administration
POLS 332-3	Community Development
<u>ENVS 325-3</u>	<u>Global Environmental Change: Science and Policy</u>

400 Level

ORTM 410-3	Research Methods and Analysis
ORTM 412-3	Issues and Trends in Recreation and Tourism

Nine credit hours from*:

-	-
—ORTM 305-3	Protected Areas Planning and Management
—ORTM 400-3	Conservation Area Design and Management
—ORTM 403-3	International Dimensions in Recreation and Tourism
—ORTM 407-3	Recreation, Tourism and Communities
—ORTM 408-3	The Psychology of Recreation and Tourism
—ORTM 414-3	Polar Tourism and Recreation
—ORTM 433 (1-6)	Field Experience II
—ORTM 440 (2-6)	Internship
—ORTM 498 (1-3)	Special Topics
—ORTM 499 (1-6)	Independent Study

Two of:

COMM 441-3	International Marketing
COMM 442-3	Marketing Strategy
COMM 449-3	Advanced Topics in Marketing
ENPL 409-3	Advanced First Nations Community and Environmental Planning
ENPL 410-3	Land Use Planning
GEOG 401-3	Resource Geography
GEOG 403-3	Aboriginal Geography
INTS 407-3	International Environmental Policy
NREM 400-3	Natural Resources Planning
NREM 411-3	Environmental and Professional Ethics
POLS 401-3	Resource Politics
POLS 434-3	Resource Communities in Transition

Course Prerequisites

Students should review all proposed course selections in advance to make sure course prerequisites are taken where needed.

Elective Requirement

Electives at any level in any subject sufficient to ensure completion of a minimum of 122 credit hours.

Potential Nature-Based Tourism Management Optional Streams

The following streams in the Nature-Based Tourism Management degree provide students with the opportunity to focus course selections towards possible career options. Students are not required to follow these particular streams. Courses with NOLS prefixes in the Outdoor Education and Leadership stream are taught through a partnership agreement with the National Outdoor Leadership School (NOLS). Students must enrol in a NOLS field-based program in order to access these courses, and there are additional tuition costs for such a program.

Tourism Marketing Stream

COMM 100-3	Introduction to Canadian Business
ECON 100-3	Microeconomics
COMM 230-3	Organizational Behaviour
COMM 240-3	Introduction to Marketing
COMM 302-3	Entrepreneurship
COMM 342-3	Services Marketing
COMM 343-3	Consumer Behaviour <u>Behavioural Marketing</u>
ORTM 408-3	The Psychology of Recreation and Tourism

At least two of:

COMM 441-3	International Marketing
COMM 442-3	Marketing Strategy
COMM 449-3	Advanced Topics in Marketing

Indigenous/Cultural Tourism Stream

FNST 100-3	The Aboriginal Peoples of Canada
FNST 215-3	Issues in External Relations for Contemporary Indigenous Peoples
ENPL 208-3	First Nations Community and Environmental Planning
NREM 303-3	First Nations' Approaches to Resource Management
ORTM 306-3	Indigenous Tourism and Recreation
POLS 332-3	Community Development
ENPL 409-3	Advanced First Nations Community and Environmental Planning
GEOG 403-3	Aboriginal Geography
ORTM 403-3	International Dimensions in Recreation and Tourism
ORTM 407-3	Recreation, Tourism and Communities
ORTM 414-3	Polar Tourism and Recreation

Outdoor Education and Leadership Stream

<u>ENVS 101-3</u>	<u>Introduction to Environmental Citizenship</u>
<u>EDUC 101-3</u>	<u>Introduction to Education</u>
<u>EDUC 201-3</u>	<u>Education Theory and Practice</u>
<u>ORTM 202-3</u>	<u>Ecotourism and Adventure Tourism</u>
<u>ORTM 301-3</u>	<u>Environmental Interpretation</u>
<u>ORTM 332-3</u>	<u>Outdoor Education and Leadership</u>
<u>ORTM 333-3</u>	<u>Field Experience</u>
<u>ORTM 433-(1-6)</u>	<u>Field Experience II</u>
<u>NOLS 100-4</u>	<u>Natural History of Regional Ecosystems</u>

<u>NOLS 300-2</u>	<u>Environmental Ethics, Leave No Trace and Leadership</u>
<u>NOLS 301-2</u>	<u>Group Leadership Techniques</u>
<u>NOLS 302 (2-6)</u>	<u>Wilderness Skills Practicum</u>
<u>NOLS 303-2</u>	<u>Risk Management, Assessment and Decision Making</u>

Major in NRM-Outdoor Recreation and Conservation

See Calendar entry under Natural Resources Management

Minor in Forest Recreation

The Minor in Forest Recreation provides natural resource management students and others with an opportunity to gain a foundation and expertise in the specialized aspects of forest recreation while pursuing another major. The minor requires students to take a total of 18 credit hours. The minor has three required courses basic to the field of Forest Recreation (nine credit hours) and a set of elective courses (minimum of nine credit hours).

Required Courses

ORTM 100-3	Leisure in Life
ORTM 200-3	Sustainable Recreation and Tourism
ORTM 300-3	Recreation and Tourism Impacts

Elective Courses

Nine credit hours from the following list with a minimum of three credit hours at the 400 level:

ORTM 301-3	Environmental Interpretation
ORTM 305-3	Protected Area Planning and Management
ORTM 306-3	Indigenous Tourism and Recreation
<u>ORTM 332-3</u>	<u>Outdoor Education and Leadership</u>
ORTM 333-3	Field Experience
ORTM 400-3	Recreation and Tourism Ecology, Management and Design
ORTM 407-3	Recreation, Tourism and Communities
ORTM 410-3	Research Methods and Analysis
ORTM 412-3	Issues and Trends in Outdoor Recreation and Tourism
ORTM 440-(2-6)	Internship
ORTM 498-(1-3)	Special Topics
ORTM 499-(1-6)	Independent Study

A maximum of two courses (six credit hours) used to fulfill program requirements for a major (or another minor) may also be used to fulfill requirements for this minor.

Minor in Outdoor Recreation and Tourism Management

The minor in Outdoor Recreation and Tourism Management is designed to afford students an opportunity to gain a

foundational ~~set of~~ knowledge in tourism and recreation while pursuing another major. The minor requires students to take a total of 18 credit hours. The minor has three required courses basic to the field of Outdoor Recreation and Tourism Management (nine credit hours) and a set of elective courses (minimum of nine credit hours). A maximum of two courses (six credit hours) used to fulfill program requirements for a major (or another minor) may also be used to fulfill requirements for this minor.

Required Courses

ORTM 100-3 Leisure in Life

One of:

ORTM 200-3 Sustainable Recreation and Tourism
ORTM 202-3 Ecotourism and Adventure Tourism
ORTM 204-3 Visitor Behavior

ORTM 300-3 Recreation and Tourism Impacts

Elective Courses

Nine credit hours from the following list with a minimum of three credit hours at the 400 level:

ORTM 301-3 Environmental Interpretation
ORTM 305-3 Protected Area Planning and Management
ORTM 306-3 Indigenous Tourism and Recreation
ORTM 332-3 Outdoor Education and Leadership
ORTM 403-3 International Dimensions in Recreation and Tourism
ORTM 407-3 Recreation, Tourism and Communities
ORTM 408-3 The Psychology of Recreation and Tourism
ORTM 412-3 Issues and Trends in Recreation and Tourism
ORTM 414-3 Polar Tourism and Recreation

S-201005.09

Change to Program Requirements — Major in Outdoor Recreation and Conservation

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the Program Requirements for the Major in Outdoor Recreation and Conservation be approved as proposed.

Effective date: September 2010

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 Outdoor Recreation and Conservation

This BSc Major in Outdoor Recreation and Conservation focuses on the natural and social dimensions of outdoor recreation and conservation planning and management, ~~using~~ within an integrated natural resource management framework. Emphasis in this major is placed on planning and managing environmentally and culturally sensitive recreation opportunities in natural environment settings.

Northern British Columbia provides an unparalleled setting for learning, teaching, and researching the various aspects of outdoor recreation and conservation management. British Columbia has a large land base and a range of natural environments that support a vast array of dispersed and concentrated outdoor recreation opportunities. The program examines the components of planning and managing recreation opportunities through the study of such subject areas as ecology, integrated resource management, planning, protected areas management, tourism management, environmental studies and geography (e.g., GIS).

Undergraduate students are required to take 12 Outdoor Recreation and Tourism Management courses (36 credit hours). Of these, 9 courses are upper division. The minimum requirement for the completion of a Bachelor of Science with a major in Outdoor Recreation and Conservation is 120 credit hours.

Program Requirement

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
or PSYC 101-3	Psychology as a Science
or PHYS 100-4	Introduction to Physics I
ECON 100-3	Microeconomics
or FNST 100-3	The Aboriginal Peoples of Canada
or GEOG 100-3	Environments and People
or POLS 100-3	Contemporary Political Issues
<u>or ENVS 101-3</u>	<u>Introduction to Environmental Citizenship</u>
NREM 100-3*	Field Skills
ORTM 100-3	Leisure in Life

Students with little or no computer experience are strongly encouraged to take CPSC 150-3 or CPSC 110-3.

***Note:** Applications for exemption from NREM 100-3 must be made within the first year of study in any Natural Resource Management major.

200 Level

BIOL 201-3	Ecology
ECON 205-3	Statistics for the Social and Management Sciences
or MATH 240-3	Basic Statistics
GEOG 204-3	Introduction to GIS for the Social Sciences
or GEOG 205-3	Cartography and Geomatics
NREM 203-3	Resource Inventories and Measurements
or NREM 204-3	Introduction to Wildlife and Fisheries
or GEOG 210-3	Geomorphology
NREM 210-4	Integrated Resource Management
ORTM 200-3	Sustainable Recreation and Tourism
ORTM 204-3	Visitor Behaviour

Upper Division Requirement

Six credit hours from the following:

<u>ORTM 306-3</u>	- <u>Indigenous Tourism and Recreation</u>
<u>ORTM 332-3</u>	- <u>Outdoor Education and Leadership</u>
<u>ORTM 403-3</u>	- <u>International Dimensions in Recreation and Tourism</u>
<u>ORTM 407-3</u>	- <u>Recreation, Tourism and Communities</u>
<u>ORTM 408-3</u>	- <u>The Psychology of Recreation and Tourism</u>
<u>ORTM 414-3</u>	- <u>Polar Tourism and Management</u>
<u>ORTM 433 (1-6)</u>	- <u>Field Experience II</u>
<u>ORTM 440 (2-6)</u>	- <u>Internship</u>
<u>ORTM 498 (1-3)</u>	- <u>Special Topics</u>

<u>ORTM 499 (1-6)</u>	- <u>Independent Study</u>
<u>NOLS 300-2</u>	<u>Environmental Ethics, Leave No Trace and Leadership</u>
<u>NOLS 301-2</u>	<u>Group Leadership Techniques</u>
<u>NOLS 302 (2-6)</u>	<u>Wilderness Skills Practicum</u>
<u>NOLS 303-2</u>	<u>Risk Management, Assessment and Decision Making</u>

Only 3 credit hours of any combination of ORTM 332, ORTM 433, ORTM 440, ORTM 498, ORTM 499 and NOLS prefixed courses can count towards this category. Any additional credit can be used as elective credit.

300 Level

ENPL 305-3	Environmental Impact Assessment
NREM 303-3	First Nations' Approaches to Resource Management
or FNST 304-3	First Nations Environmental Philosophy and Knowledge
NREM 306-3	Society, Policy and Administration
ORTM 300-3	Recreation and Tourism Impacts
ORTM 301-3	Environmental Interpretation
ORTM 305-3	Protected Area Planning and Management
ORTM 333-3	Field Experience
One of:	
BIOL 301-3	Systematic Botany
or FSTY 201-4	Plant Systems
BIOL 307-3	Ichthyology and Herpetology
BIOL 308-3	Ornithology and Mammalogy
GEOG 300-3	Geographic Information Systems

400 Level

NREM 400-4	Natural Resources Planning
NREM 411-3	Environmental and Professional Ethics
ORTM 400-3	Conservation Area Design and Management
ORTM 410-3	Research Methods and Analysis
ORTM 412-3	Issues and Trends in Recreation and Tourism

Six credit hours from the following:

ORTM 306-3	- Indigenous Tourism and Recreation-
ORTM 403-3	- International Dimensions in Recreation and Tourism-
ORTM 407-3	- Recreation, Tourism and Communities-
ORTM 408-3	- The Psychology of Recreation and Tourism
ORTM 414-3	- Polar Tourism and Management-
ORTM 433 (1-6)	- Field Experience II-
ORTM 440 (2-6)	- Internship-
ORTM 498 (1-3)	- Special Topics
ORTM 499 (1-6)	- Independent Study

~~Only 3 credits of any combination of ORTM 433, ORTM 440, ORTM 498, ORTM 499 can count towards this category. Any additional credits can be used as elective credits.~~

One of:

ENVS 325-3	<u>Global Environmental Change: Science and Policy</u>
BIOL 404-3	Plant Ecology
BIOL 411-3	Conservation Biology
BIOL 412-3	Wildlife Ecology
BIOL 420-3	Animal Behaviour
NREM 410-3	Watershed Management
GEOG 432-3	Remote Sensing

Elective Requirement

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

Optional Stream

The following stream in the Outdoor Recreation and Conservation major provides students with the opportunity to focus course selections towards a leadership and outdoor education career path. Courses with NOLS prefixes are taught through a partnership agreement with the National Outdoor Leadership School (NOLS). Students must enrol in a NOLS field-based program in order to access these courses, and there are additional tuition costs for such a program. Students are not required to follow this particular stream.

Outdoor Education and Leadership Stream

ENVS 101-3	<u>Introduction to Environmental Citizenship</u>
EDUC 101-3	<u>Introduction to Education</u>
EDUC 201-3	<u>Education Theory and Practice</u>
ORTM 202-3	<u>Ecotourism and Adventure Tourism</u>
ORTM 301-3	<u>Environmental Interpretation</u>
ORTM 332-3	<u>Outdoor Education and Leadership</u>
ORTM 333-3	<u>Field Experience</u>
ORTM 433-(1-6)	<u>Field Experience II</u>
NOLS 100-4	<u>Natural History of Regional Ecosystems</u>
NOLS 300-2	<u>Environmental Ethics, Leave No Trace and Leadership</u>
NOLS 301-2	<u>Group Leadership Techniques</u>
NOLS 302 (2-6)	<u>Wilderness Skills Practicum</u>
NOLS 303-2	<u>Risk Management, Assessment and Decision Making</u>

“For Information” Items:

SCAPP201004.08

Course Preclusion Change — HHSC 330-3

That the change to the HHSC 330-3 Health Information Management Technology preclusion statement be approved as proposed.

Effective date: September 2010

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]):

HHSC 330-3 Health Information Management Technology
This course examines the birth and evolution of Health Information

Management Technology (HIMT) within the health care system. Topics include the nature of data gathering and analysis in evidence based practice, the determination of health resource needs, and the application of HIMT in risk management, epidemiology and demographics. It is strongly recommended that students have a working knowledge of spreadsheets and familiarity with databases before taking this course.

Prerequisites: Upper-level standing in the BHSc program, or permission of the instructor.

Precluded: COMM 351-3

9.0 Other Business

9.1 Report of the Registrar

DeGrace

The Registrar had nothing to report.

10.0 Information

10.1 Information Technology Services (*presentation*)

Stokes

Mr. Paul Stokes, UNBC's Chief Information Officer, delivered a presentation regarding Information Technology Services at UNBC (attached as Appendix I). He indicated that there were successes and failures over the years that have facilitated learning, that a lack of planning with regard to the merger between UNBC's two distinct computing services led to problems that he does not want to see repeated, that 10-15% of the computing infrastructure remains to be replaced, that ITS has a large portfolio, and that there are competing goals to be considered in decision-making, although it is becoming easier to align these competing goals as a result of work that has been done in the unit. When his presentation was finished, Mr. Stokes invited questions.

In response to Senators' questions, Mr. Stokes noted that there are 43 employees in the ITS department, that a governance body will be struck to allow a coordinated approach to decision-making, and that outsourcing does not necessarily produce cost-savings. In addition, Mr. Stokes reported that recent upgrades have been made to computing services for students, storage capacity has been substantially increased, and that UNBC e-mail addresses will be changed to incorporate first and last names. He added that he would seek consultation with regard to a request to change defaults for student printers to double-sided printing and explore whether a process could be instituted to allow UNBC faculty members to retain their UNBC e-mail addresses upon leaving UNBC.

11.0 S-201005.10

Move to In Camera Session

Donker / Zahir

That the meeting move In Camera.

CARRIED.

12.0 S-201005.17

Adjournment

Donker / Zahir

That the Senate meeting be adjourned.

CARRIED.

The meeting ended at 4:30 p.m.

ITS: Past, Present, Future

APPENDIX I

A 35,000 foot view.

Information Technology Services

Wednesday, May 12, 2010

H I S T O R Y

Let us not forget,
but let us move on.



Flashback 2007 - 2008

**CTS/ACIS Merger
Funding Challenges
Uncertainty
Mediocrity
System Failures
Knowledge Gap**



Race Against Time



- 1. Sense of urgency**
- 2. Invest in people**
- 3. Short-term Vision**
- 4. Communicate for buy-in**
- 5. Empowered action**
- 6. Short-term wins**

Accomplishments

Academic & Administrative Application Upgrades
Telecommunications Infrastructure Refresh
Server & Storage Infrastructure Refresh
Improved Customer Service
ITS Sustainability



10%-15%

Remaining

Who are we now?

Centralized IT Services, Serving:

Academic Programs
Administrative Units
Research
Community

Faculty
Students
Staff
Citizens



Our Services



Software Development
Enterprise Apps.
Servers & Storage
Network/Wireless
Telecommunications
Software & Hardware

Web Services
Institutional Research
Computer Labs
Computing Support
Video Conferencing
Audio Visual Services

Competing Goals



**“We can do anything you
want; we just can’t do
everything you want.”**

- Healthcare CIO



flexible business solutions



“It may seem counterintuitive, but the more standardized your systems and processes are, the more flexible you can be.”

Charlie Feld, *Blind Spot*

DELIVER REAL VALUE



It's not about technology; it's what technology can do for education.

**Harmonic approach to delivering
services that yield the
greatest value**

和

Align: IT Goals <-> University Goals.



People.

Process.

Strategy.



focus:

EXECUTION

FOUNDATION



Transparency
Accountability
Execution
Connecting
Governance
People



How do we achieve IT?

IT Service Management

ITIL,
MOF

Project Management

Customer Service

Governance

Alignment,
COBIT,
RiskIT,
ValIT

The image features a vibrant green background with a bokeh effect of soft, out-of-focus light spots. In the upper left corner, there are several long, slender green leaves with prominent veins, some showing small white buds or flowers. The overall composition is bright and fresh.

QUESTIONS?