

**SENATE MEETING
PUBLIC SESSION
MINUTES**

11 January 2006
3:30 – 4:18 PM
Room 7-172 Bentley Centre - Prince George Campus

Present:

E. Annis, T. Binnema, M. Blouw, H. Brunt (Vice-Chair), B. Burkinshaw, D. Ditto, R. Ellis, A. Espíritu, H. Heath, D. Hemingway, C. Hurtubise, K. Hutchings, C. Jago (Chair), M. Mandy, R. Matheson, B. McGill, A. Nussbaumer, C. Opio, E. Prkachin, D. Procter, J. Randall, E. Rapaport, L. Sahaydak, S. Scholefield, M. Sherstobitoff, B. Simard, M. Stephens, R. Tait

Regrets:

K. Beeler, S. Beeler, R. Berthiaume, C. Brown, S. Cochran, A. Fredeen, E. Jensen, E. Kinghorn, P. Montgomery, W. Morrison, D. Nyce, D. O'Bryan, K. Penner, F. Rahemtulla

Non-voting members present:

J. DeGrace (Secretary), K. Kielly

Guests:

None

The meeting commenced at 3:33 p.m.

1.0 S-200512.01

Approval of the Agenda

Mandy/Hemingway

That the Agenda for the January 11, 2006 Public Session of Senate be approved as presented.

The Chair indicated that an additional nomination would be brought forward under Agenda Item 7.5.

CARRIED.

2.0 Approval of the Minutes:

S-200512.02

Approval of the Minutes of the December 14, 2005 Public Session

Mandy/Hemingway

That the Minutes of the Public Session of Senate of December 14, 2005 be approved as presented.

Dr. Jago called attention to a typographical error in the first paragraph under agenda item 7.4: "Jr." should have been rendered as "Dr." In the same paragraph "Dr. Hemingway" should have been "Senator Hemingway."

Referring to Agenda Item 7.4., it was noted that the role of Senate is to recommend the approval of Memoranda of Understanding to the Board of Governors rather than to approve them. The minutes were adjusted accordingly.

MINUTES APPROVED AS AMENDED.

3.0 Business Arising from Previous Meetings of Senate

None.

4.0 President's Report

No report.

5.0 Report of the Vice-President (Academic) and Provost

Dr. Brunt noted that, the following week, the first report on the Academic Visioning Initiative would be released, carrying with it implications for the Senate.

6.0 Question Period

Referring to the proposed Bachelor of Health Sciences Degree, Dr. Mandy asked whether, in principle, when students were admitted to programs directly from high school, they were guaranteed that the courses required for their program would be available to them. She noted that in Environmental Engineering, for example, spaces on required courses were guaranteed, and other students wanting the same courses found them available on a first-come-first-served basis until they had been filled. Dean McGill pointed out that environmental engineering students progressed through their program on a cohort basis, necessitating such an arrangement; but this would not be the case with Health Sciences Students. Dr. Brunt added that, in general, the goal was that every student would, have access to every course that might be needed. He acknowledged that there were difficulties from time to time, however. The Chair noted that the matter could be revisited when the new degree came to the consideration of Senate.

7.0 Committee Reports:

7.1 Senate Committee on Academic Policy and Planning

S-200601.03

Revisions to Sessional Dates for the 2005-2006 Academic Year

Brunt/Tait

That the changes to the Sessional Dates for the 2005-2006 Academic Year be approved as proposed.
Effective date: Immediately upon approval by Senate

Dr. Binnema noted that, in the 2005-2006 September Semester there had been only 11 Mondays Scheduled for classes, and in the January Semester only 12. He wondered whether this was often enough. Ms. Kielly said that, in the proposal to come to Senate for 2006-2007 and 2007-2008, all teaching days would number either 12 or 13.

CARRIED.

S-200601.04

Sessional Dates for 2006-2007 and Provisional Sessional Dates for 2007-2008

Brunt/Hemingway

That the confirmed Sessional Dates for 2006-2007 and (provisional) for 2007-2008 be approved.

Effective date: Immediately upon approval by Senate

CARRIED.

S-200601.05

Revision of General Academic Regulation 23

Brunt/McGill

That General Academic Regulation 23 Minors be modified as proposed.

Effective date: September 1999

CARRIED.

S-200601.06

Revisions to Other Admission Categories (Interest Only) in the Undergraduate Calendar

Brunt/Mandy

That the changes to the Other Admission Categories for Interest Only, in the Undergraduate Calendar, be approved as proposed.

Effective date: January 2006

CARRIED.

S-200601.07

Removal of Preclusions Related to Graduate Courses from the Undergraduate Calendar

Brunt/Mandy

That preclusions related to graduate courses be removed from the Undergraduate Calendar generally, and that a statement be added to the end of the second paragraph under the heading "Permission for Undergraduates to Take Graduate Course Work" on page 21 of the 2005-2006 Undergraduate Academic Calendar, as follows:

Please note that preclusions stated in the Graduate Academic Calendar will apply. Students are responsible for being aware of preclusions in the Graduate Academic Calendar for cross-listed undergraduate/graduate courses.

Effective date: January 2006, with graduate course preclusions to be deleted from the 2006-2007 Undergraduate Calendar

CARRIED.

S-200601.08

New Course Approval — CHEM 315-3

Brunt/McGill

That a new course, CHEM 315-3 - Physical Chemistry Lab, be approved as proposed.

Effective date: September 2006

CARRIED.

S-200601.09

Course Deletions — CHEM 313-1.5 and CHEM 314-1.5

Brunt/ McGill

That CHEM 313-1.5 and CHEM 314-1.5 be deleted from the calendar, and that all references to these courses in the calendar be deleted (Chemistry major, Chemistry minor, Joint Chemistry/Physics major, BSc General).

Effective date: September 2006

CARRIED.

S-200601.10

Change to Degree Requirements — BSc General

Brunt/McGill

That CHEM 315-3 - Physical Chemistry Lab be added to, and CHEM 313-1.5 - Physical Chemistry Lab I and CHEM 314-1.5 - Physical Chemistry Lab II be deleted from, the BSc General on page 72 of the 2005-2006 Calendar.

Effective date: September 2006

CARRIED.

S-200601.11

Change to Program Requirements — Chemistry Major

Brunt/ Mandy

That CHEM 315-3 - Physical Chemistry Lab be added to, and CHEM 313-1.5 - Physical Chemistry Lab I and CHEM 314-1.5 - Physical Chemistry Lab II be deleted from, the Chemistry major on page 84 of the 2005-2006 Calendar.

Effective date: September 2006

CARRIED.

S-200601.12

Change to Program Requirements — Joint Chemistry / Physics Major

Brunt/Hutchings

That CHEM 315-3 - Physical Chemistry Lab be added to, and CHEM 313-1.5 - Physical Chemistry Lab I and CHEM 314-1.5 - Physical Chemistry Lab II be deleted from, the Joint Chemistry / Physics major on page 87 of the 2005-2006 Calendar.

Effective date: September 2006

CARRIED.

S-200601.13

Change to Program Requirements — Chemistry Minor

Brunt/McGill

That the Chemistry minor be changed as follows (new or revised text underlined, deleted text ~~struck through~~):

- Minor in Chemistry

The minor in Chemistry is designed to provide students with a solid grounding and a core of study in one or more of the subdisciplines of Chemistry. Thus, some flexibility is permitted in satisfying the requirements for a minor. Students have the option to study a range of subdisciplines at the 300 level while counting the 200 level prerequisites toward the minor or to focus on particular subdisciplines through to the 400 level. ~~A maximum of six courses (14 credit hours) of the 100 and 200 level courses used to fulfill requirements for a major (or another minor) may also be used toward a minor in Chemistry.~~

A maximum of six courses (14 credit hours) of the 100 and 200 level courses used to fulfill requirements for a major (or another minor) may also be used toward a minor in Chemistry.

The minimum requirement for completion of the minor in Chemistry is 29 credit hours.

100 Level

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

200 Level

At least nine credit hours from:

CHEM 200-3 Physical Chemistry I
CHEM 201-3~~3~~ Organic Chemistry I
CHEM 202-3 Inorganic Chemistry I
CHEM 203-3~~3~~ Organic Chemistry II
CHEM 204-3~~3~~ Introductory Biochemistry
CHEM 210-3 Analytical Chemistry I
CHEM 250-1 Organic Chemistry Lab I
CHEM 251-1 Organic Chemistry Lab II

~~*Note: Students required to take CHEM 220-3 (Organic and Biochemistry) and CHEM 221-1 (Organic and Biochemistry Lab) for their majors program should substitute CHEM 201-3 (Organic Chemistry I), CHEM 203-3 (Organic Chemistry II) and CHEM 204-3 (Introductory Biochemistry). Four of these credit hours would count toward a major, and the rest toward the Chemistry minor.~~

**Note: selections made should incorporate prerequisites for intended upper division courses.*

300 and 400 Level

At least 12 credit hours from:

CHEM 300-3 Physical Chemistry II
CHEM 301-3 Advanced Organic Chemistry I
CHEM 302-4 Environmental Chemistry I
CHEM 303-3 Quantum Chemistry
CHEM 304-3 Advanced Organic Chemistry II
CHEM 305-3 Physical Chemistry III
CHEM 306-3 Intermediary Metabolism
CHEM 307-3 Proteins
CHEM 308-3 Biochemistry Lab II
CHEM 310-3 Analytical Chemistry II
CHEM 311-3 Analytical Chemistry III
CHEM 312-3 Organic Chemistry Lab III
~~CHEM 313-1.5 Physical Chemistry Lab I~~
~~CHEM 314-1.5 Physical Chemistry Lab II~~
CHEM 315-3 Physical Chemistry Lab
CHEM 320-3 Inorganic Chemistry II
CHEM 321-3 Inorganic Chemistry III
CHEM 322-3 Inorganic Chemistry Lab
CHEM 400-3 Topics in Environmental Chemistry
CHEM 402-3 Topics in Organic Chemistry
CHEM 403-3 Topics in Inorganic Chemistry
CHEM 404-3 Topics in Physical Chemistry
CHEM 405-3 Topics in Biochemistry
CHEM 408-3 Environmental Chemistry II

Effective date: September 2006
CARRIED.

S-200601.14

Change to Program Requirements — Mathematics Requirement for Chemistry Major

Brunt/McGill

That the Mathematics requirement for the Chemistry major be revised as follows (deleted text ~~struck through~~):

One of:

MATH 200-3 Calculus III

~~MATH 201-3 Introduction to Complex Analysis~~

~~MATH 230-3 Linear Differential Equations and Boundary Value Problems~~

~~MATH 333-3 Partial Differential Equations~~

~~MATH 334-3 Ordinary Differential Equations~~

MATH 340-3 Introduction to Probability

MATH 342-3 Biostatistics

Effective date: September 2006

CARRIED.

S-200601.15

Change to Program Requirements — Physics Requirement for Chemistry Major

Brunt/McGill

That the Physics requirement for the Chemistry major be revised as follows (new or revised text underlined, deleted text ~~struck through~~):

~~PHYS 110-4 Introductory Physics I: Mechanics~~

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

PHYS 100-4 Introduction to Physics I

or PHYS 110-4 Introductory Physics I: Mechanics

and PHYS 101-4 Introduction to Physics II

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

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

Effective date: September 2006

CARRIED.

S-200601.16

Change to Program Requirements — Elective Requirement for Chemistry Major

Brunt/McGill

That the elective requirement for the Chemistry major be revised as follows (new or revised text underlined, deleted text ~~struck through~~):

Elective credit hours as necessary to ensure completion of a minimum of 128 credit hours. A total of ~~60~~ 54 credit hours of upper division study (300 and 400 level courses) must be successfully completed to meet degree requirements.

Effective date: September 2006

CARRIED.

S-200601.17

Change to Program Requirements and Course Description — Chemistry Program, CHEM 400-3

Brunt/McGill

That the Calendar Course Description for CHEM 400-3 Topics in Environmental Chemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.18

Change to Program Requirements and Course Description — Chemistry Program, CHEM 402-3

Brunt/McGill

That the Calendar Course Description for CHEM 402-3 - Topics in Organic Chemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.19

Change to Program Requirements and Course Description — Chemistry Program, CHEM 403-3

Brunt/McGill

That the Calendar Course Description for CHEM 403-3 Topics in Inorganic Chemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.20

Change to Program Requirements and Course Description — Chemistry Program, CHEM 404-3

Brunt/McGill

That the Calendar Course Description for CHEM 404-3 - Topics in Physical Chemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.21

Change to Program Requirements and Course Description — Chemistry Program, CHEM 405-3

Brunt/McGill

That the Calendar Course Description for CHEM 405-3 -Topics in Biochemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.22

Change to Program Requirements and Course Description — Chemistry Program, CHEM 410-3

Brunt/McGill

That the Calendar Course Description for CHEM 410-3 - Topics in Analytical Chemistry be amended as proposed.

Effective date: September 2006

CARRIED.

S-200601.23

Change to Program Requirements and Calendar Description — GIS Minor

Brunt/Stephens

That the description of the GIS minor be revised as follows (added text underlined):

A maximum of two courses (six credit hours) at or above the 200 level used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in GIS.

Effective date: September 2001
CARRIED.

S-200601.24

Change to Program Requirements and Calendar Description — Human Geography Minor

Brunt/McGill

That the description of the Human Geography minor be revised as follows (added text underlined):

A maximum of two courses (six credit hours) at or above the 200 level used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in Human Geography.

Effective date: September 2005
CARRIED.

S-200601.25

Approval of New Degree — Bachelor of Health Sciences

Brunt/Randall

That the new degree of Bachelor of Health Sciences be approved as proposed, the Calendar entry describing the program to read as follows:

Health Sciences (BHSc Programs)

Bachelor of Health Sciences (Biomedical Studies)

Bachelor of Health Sciences (Community and Population Health - Aboriginal and Rural Health)

Bachelor of Health Sciences (Community and Population Health - Environmental Health)

Henry Harder, Associate Professor and Chair

The Bachelor of Health Sciences degree is a four year program consisting of a range of courses that relates directly to the science of health, in the recognition that health is a complex entity defying a simple explanation or a single disciplinary perspective. The courses identified within the Program offer learning opportunities from a variety of disciplines, including the Life Sciences, Social Sciences, Behavioural Sciences, and Ethics and Law, to enable students to develop a body of knowledge and understanding relating to the dimensions of Health. Some of these courses are considered to be 'core' and therefore central to the basic understandings of health, while others offer the student opportunities to learn about a specific health perspective that is focused on one of three Majors: (i) Biomedical Studies, (ii) Community and Population Health - Environmental Health, or, (iii) Community and Population Health - Aboriginal and Rural Health. Graduation from either of the Community and Population Health Majors enables students to embark on careers or graduate programs related to health care management, administration, information systems or public health.

Students pursuing the Biomedical Studies Major are required to complete a set of courses that enables them to be better prepared for application to professional programs, for example, in medicine, nursing, pharmacy, occupational therapy, dentistry, speech pathology or physiotherapy. This major provides a foundational knowledge base that is focused more on the natural and physical sciences, thus enabling those students to be better prepared to undertake health-related research or to work in scientific laboratories.

All students graduating with the Bachelor of Health Sciences degree will have developed critical analytical skills, life-long learning skills, and the ability to work from the evidence of best practice.

General Requirements

To be awarded the BHSc degree students are required to complete 120 credit hours of University-level courses. This consists of 57 credit hours of common requirements for all BHSc students, with the remainder coming from the following Majors, and electives, as follows:

- Biomedical Studies - 48 credit hours of courses from the Biomedical Studies major and 15 elective credit

- hours.
- Community and Population Health – Aboriginal and Rural Health: 33 credit hours from the common course requirements for both Community and Population Health Majors, as well as a minimum of 12 credit hours (6 specified, 6 with some choice) in Aboriginal and Rural Health-related courses, thus adding to a focus of knowledge and understanding of this specific subject material. The remaining 18 credit hours are obtained from elective credit hours.
- Community and Population Health – Environmental Health: 33 credit hours from the common course requirements for both Community and Population Health Majors, as well as a minimum of 12 credit hours (6 specified, 6 with some choice) in Environmental Health-related courses, thus adding to a focus of knowledge and understanding of this specific subject material. The remaining 18 credit hours are obtained from elective credit hours.

Breadth Requirement

UNBC requires all students to gain a breadth of knowledge prior to graduation; this is accomplished, in part, by requiring that all students successfully complete one course from each of the Arts and Humanities, Social Science, Natural Science, and Physical Science quadrants listed on page 65 of the Calendar. Students need to ensure they have a course from each of the quadrants as part of their major or minor requirement or as part of their elective requirement, and that they have the total number of credits required for their degree.

Students admitted to UNBC with 45 or more transfer credits are exempt from the Breadth Requirement.

Admission Requirements

Admission to the Bachelor of Health Sciences program is based on academic qualifications and available space. At the time of application, students must specify whether they intend to specialize in either the Biomedical Studies Major or one of the two Community and Population Health Majors. Priority admission is given to students who meet admission criteria and apply by the deadline of March 1st. Applications received after the deadline may be reviewed based on available space in the program. Self-identified Aboriginal applicants who meet or exceed the minimum requirements for admission to the program are given priority for up to twenty percent (20%) of the first-year seats for the Bachelor of Health Sciences program.

Applicants from BC and Yukon secondary schools must:

- meet the basic UNBC admission requirements, and
- have completed Principles of Mathematics 11, English 12 and other approved Grade 12 courses as specified in the Admissions sections of the Undergraduate Calendar.

Other Applicants must:

- meet UNBC admission requirements, and
- have completed the equivalent of Principles of Mathematics 11, English 12, and other approved Grade 12 courses as specified in the Admissions sections of the Undergraduate Calendar with a minimum of C+ (65%) in each course.

Students interested in specializing in the Biomedical Studies Major are strongly encouraged to take Principles of Mathematics 12, Chemistry 12 and Biology 12 before entering the Program.

Common Requirements: All Majors

In order to meet the graduation requirements for a BHSc all students must successfully complete the following common requirements consisting of 57 credit hours. It is recommended that students take the courses listed below in the year of study indicated:

1st year - 15 credits

FNST 100-3	The Aboriginal Peoples of Canada
HHSC 101-3	Introduction to Health Science I: Issues and Controversies
HHSC 103-3	Health Care Systems
PSYC 101-3	Psychology as a Science
PSYC 102-3	Psychology and Human Problems

2nd year - 15 credits

HHSC 111-3 Anatomy and Physiology I
HHSC 112-3 Anatomy and Physiology II
HHSC 201-3 Ethics and Law in Health Care
HHSC 311-3 Nutrition
MATH 242-3 Statistics for Social and Health Sciences
or ECON 205-3 Statistics for the Social and Management Sciences

3rd year - 15 credits

FNST 302-3 First Nations Health and Healing
HHSC 350-3 Introduction to Epidemiology
HHSC 351-3 Research Design and Methods for Health Sciences
PSYC 309-3 Introduction to Health Psychology
PSYC 345-3 Lifespan Development
or SOCW 421-3 Human Growth and Development

4th year - 12 credits

HHSC 451-3 Health Sciences Research Project
HHSC 471-3 Aboriginal Health and Chronic Disease
POLS 403-3 Social and Health Policy and Administration
PSYC 409-3 Advanced Health Psychology

Major in Biomedical Studies

Students pursuing a major in Biomedical Studies are required to complete the following 48 credit hours of courses. It is recommended that students take the courses listed below in the year of study indicated:

1st year - 22 credits

BIOL 101-4 Introductory Biology I
BIOL 102-4 Introductory Biology II
CHEM 100-3 General Chemistry I
CHEM 120-1 General Chemistry Lab I
CHEM 101-3 General Chemistry II
CHEM 121-1 General Chemistry Lab II

Two of:

ENGL 100-3 Introduction to Literary Structures
ENGL 102-3 Introduction to Poetry
ENGL 103-3 Introduction to Fiction
ENGL 104-3 Introduction to Drama and/or Film

2nd year - 17 credits

BIOL 203-3 Microbiology
BIOL 210-3 Genetics
CHEM 201-3 Organic Chemistry I
CHEM 250-1 Organic Chemistry Lab I
CHEM 203-3 Organic Chemistry II
CHEM 251-1 Organic Chemistry Lab II
CHEM 204-3 Introductory Biochemistry

3rd and 4th years - 9 credits

BIOL 311-3 Cell and Molecular Biology
CHEM 306-3 Intermediary Metabolism
CHEM 307-3 Proteins

Note: Students intending to apply to professional health degree programs are encouraged to take as electives the following courses: PHYS 110-4, PHYS 111-4, MATH 100-3 and MATH 101-3.

Majors in Community and Population Health

Students pursuing a major in either Community and Population Health – Aboriginal and Rural Health, or Community and Population Health – Environmental Health, are required to complete the following 33 credit hours. It is recommended that students take the courses listed below in the year of study indicated:

1st year - 9 credits

CHEM 110-3 Chemistry of Everyday Life
or CHEM 100-3 General Chemistry I
ECON 110-3 Introduction to Health Economics and Policy
One of:
ENGL 100-3 Introduction to Literary Structures
ENGL 102-3 Introduction to Poetry
ENGL 103-3 Introduction to Fiction
ENGL 104-3 Introduction to Drama and/or Film

2nd year - 6 credits

HHSC 102-3 Introduction to Health Science II: Rural and Aboriginal Issues
HHSC 110-3 Basic Microbiology
or BIOL 203-3 Microbiology

3rd year - 12 credits

NURS 301-3 Advanced Pathophysiology
HHSC 330-3 Health Information Management Technology
HHSC 370-3 Occupational Health
SOCW 444-3 Social Work Critical Issues in Aging

4th year -6 credits

HHSC 421-3 Medical Geography
NURS 402-3 Health Promotion

In addition to the 33 credit hours listed above, students pursuing a major in either Community and Population Health – Aboriginal and Rural Health, or Community and Population Health – Environmental Health, are required to complete 12 credit hours focused in either Aboriginal and Rural Health or Environmental Health, specific to their major, as listed below.

Major in Community and Population Health - Aboriginal and Rural Health

Students must take:

ENPL 313-3 Rural Community Economic Development
FNST 315-3 Aboriginal Health Management

Students must take an additional 6 credit hours from the following list (please note that some of these courses may require additional prerequisites):

ANTH 200-3 Biological Anthropology
ANTH 201-3 Medical Anthropology
ECON 410-3 Health Economics
PSYC 417-3 Behaviour Modification
SOCW 440-3 Social Work and Mental Health
SOCW 441-3 Social Work and Substance Abuse
SOCW 443-3 Medical Social Work

Major in Community and Population Health - Environmental Health

Students must take:

ENPL 205-3 Environment and Society
ENSC 308-3 Northern Contaminated Environments

Students must take an additional 6 credit hours from the following list (please note that some of these courses may require additional prerequisites):

ECON 410-3 Health Economics
ENPL 208-3 First Nations Community and Environmental Planning
ENPL 304-3 Mediation, Negotiation and Public Participation
ENVS 306-3 Human Ecology

HIST 360-3 An Introduction to Environmental History
INTS 470-3 International Environmental Policy
NREM 306-3 Society, Policy and Administration
or POLS 334-3 Society, Policy and Administration of Natural Resources

Elective Requirement for all BHSC Majors

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

Effective date: September 2006

Dean Randall noted that the preparation of this degree proposal had been a lengthy process involving players from within UNBC and outside, and involving a great deal of comparative study. Pedagogically, offering a blend of the program closest to that proposed was at the University of Calgary. While the degree was not intended to be “all things to all people,” and had been streamlined as much as possible, the appeal was thought to be national, so that a healthy demand was expected. In response to a question from Dr. Rapaport, he noted that there were no “hidden prerequisites” in the motions before Senate.

Dr. Mandy asked what guarantees could be offered that students could complete the program in a timely fashion. Dean Randall said that the University did all that it could in that regard, mounting extra sections of courses if necessary. He pointed out, however, that this program was not pursued on a cohort model and that some flexibility in the order in which courses could be taken had been built-in. A Cross-College Curriculum Committee would anticipate demand and support smooth delivery of the program. With direct admission to the degree program, followed by a declaration of Major within the program after one year, it would be possible to plan in advance for student numbers.

Ms. Burkinshaw wondered whether students currently studying at UNBC could enter the program. Dean Randall said that the program would be “rolled-out” on a year by year basis, so that students already at UNBC might not be able to meet the program requirements in a timely fashion. As well, he noted, assessment for admission to the program would be based on the content of high school transcripts. At present there was no policy in place specifically addressing admissions criteria for post-high school students.

CARRIED UNANIMOUSLY.

S-200601.26

New Course Approval — ECON 110-3

Brunt/Rapaport

That a new course, ECON 110-3 Introduction to Health Economics and Policy, be approved.

Effective date: September 2006

CARRIED.

S-200601.27

New Course Approval — HHSC 103-3

Brunt/Rapaport

That a new course, HHSC 103-3 - Health Care Systems, be approved.

Effective date: September 2006 or January 2007

CARRIED.

S-200601.28

Brunt/Rapaport

New Course Approval — HHSC 201-3

That a new course, HHSC 201-3 - Ethics and Law in Health Care, be approved.

Effective date: September 2007

CARRIED.

S-200601.29

New Course Approval — HHSC 330-3

Brunt/Rapaport

That a new course, HHSC 330-3 - Health Information Management Technology, be approved.

Effective date: September 2009

CARRIED.

S-200601.30

New Course Approval — HHSC 351-3

Brunt/Rapaport

That a new course, HHSC 351-3 - Research Design and Methods for Health Sciences, be approved.

Effective date: September 2009

CARRIED.

S-200601.31

New Course Approval — HHSC 370-3

Brunt/Rapaport

That a new course, HHSC 370-3 - Occupational Health, be approved.

Effective date: January 2007

CARRIED.

S-200601.32

New Course Approval — HHSC 451-3

Brunt/Rapaport

That a new course, HHSC 451-3 - Health Sciences Research Project, be approved.

Effective date: September 2010

CARRIED.

S-200601.33

New Course Approval — HHSC 311-3

Brunt/Rapaport

That a new course, HHSC 311-3 – Nutrition, be approved.

Effective date: September 2007 or January 2008

CARRIED.

S-200601.34

New Course Approval — HHSC 350-3

Brunt/Rapaport

That a new course, HHSC 350-3 - Introduction to Epidemiology, be approved.

Effective date: September 2008 or January 2009

CARRIED.

S-200601.35

New Course Approval — HHSC 421-3

Brunt/Rapaport

That a new course, HHSC 421-3 - Medical Geography, be approved.

Effective date: September 2009 or January 2010

CARRIED.

S-200601.36

New Course Approval — HHSC 471-3

Brunt/Rapaport

That a new course, HHSC 471-3 - Aboriginal Health and Chronic Disease, be approved.

Effective date: September 2009 or January 2010

CARRIED.

S-200601.37

New Course Approval — HHSC 473-3

Brunt/Rapaport

That a new course, HHSC 473-3 - Health Promotion, be approved.

Effective date: September 2009 or January 2010

CARRIED.

S-200601.38

Credit Hours Change — INTS 591-6

Brunt/Randall

That INTS 591-6 - Honours Thesis be reduced from 6 credit hours to 3 credit hours.

Effective date: September 2005

CARRIED.

S-200601.39

Grading System Change — Clinical Practica Courses Within the Bachelor of Science in Nursing Programs

Brunt/Tait

That the grading system for clinical practica courses within the Bachelor of Science in Nursing programs be changed from the current letter grade scale (A through D) to a pass-fail grading system. This change will affect the Northern Collaborative Baccalaureate Nursing Program and the Post-Diploma Baccalaureate Nursing Program.

Effective date: May 2006

CARRIED.

S-200601.40

Grade Mode Change — Nursing Clinical Practica Courses

Brunt/ Tait

That the grade mode for the nursing clinical practical courses be changed from Letter Grade to Pass – Fail.

Effective date: May 2006

CARRIED.

S-200601.41

Grade Mode Change — NURS 211-5

Brunt/Tait

That the grade mode for NURS 211-5 Clinical Practicum: Adult be changed from Letter Grade to Pass – Fail.

Effective date: January 2006

CARRIED.

S-200601.42

Change to Program Requirements — Post-Diploma Baccalaureate Nursing Program

Brunt/Hemingway

That the mental health theory and practicum courses (NURS 432-3 Mental Health Nursing and NURS 444-8 Practicum: Mental Health Nursing) be added to the Post-Diploma Baccalaureate Nursing Program Requirements as an option for fulfilment of the focus theory and practicum requirement.

Effective date: January 2006 or January 2007
CARRIED.

S-200601.43

Change to Admission Requirements for the Northern Collaborative Baccalaureate Nursing Program

Brunt/Hemingway

That the admission requirements for the Northern Collaborative Baccalaureate Nursing Program be changed as follows: high school Chemistry 12 removed from the admission requirements; and high school Chemistry 11 (or equivalent) added to the admission requirements, with the minimum grade requirement in Chemistry 11 to be C+ (65%).

Effective date: As soon as passed by Senate.

CARRIED.

S-200601.44

Course Deletion — RRT 201-3

Brunt/McGill

That RRT 201-3 - Introduction to Resource Recreation Management, be deleted.

Effective date: September 2006

CARRIED.

S-200601.45

Course Deletion — RRT 203-3

Brunt/McGill

That RRT 203-3 - Introduction to Resource Based Tourism, be deleted.

Effective date: September 2006

CARRIED.

S-200601.46

Course Deletion — RRT 302-3

Brunt/McGill

That RRT 302-3 - Wildland Recreation, be deleted.

Effective date: September 2006

CARRIED.

S-200601.47

Course Deletion — RRT 303-3

Brunt/McGill

That RRT 303-3 - Areas and Facilities Planning, be deleted.

Effective date: September 2006

CARRIED.

S-200601.48

Course Deletion — RRT 304-3

Brunt/McGill

That RRT 304-3 - Organization and Management of Recreation and Tourism, be deleted.

Effective date: September 2006

CARRIED.

S-200601.49

Course Deletion — RRT 310-3

Brunt/McGill

That RRT 310-3 - Resource Valuation, be deleted.

Effective date: September 2006
CARRIED.

S-200601.50

Course Deletion — RRT 401-3

Brunt/McGill

That RRT 401-3 - Commercial Recreation and Tourism, be deleted.

Effective date: September 2006

CARRIED.

S-200601.51

Course Deletion — RRT 402-3

Brunt/McGill

That RRT 402-3 - Recreation for Special Needs, be deleted.

Effective date: September 2006

CARRIED.

S-200601.52

Course Deletion — RRT 404-3

Brunt/McGill

That RRT 404-3 - Recreation Enterprises and Ecotourism Development, be deleted.

Effective date: September 2006

CARRIED.

S-200601.53

Course Deletion — RRT 413-3

Brunt/ McGill

That RRT 413-3 - Visitor Management, be deleted.

Effective date: September 2006

CARRIED.

S-200601.54

New Course Approval — RRT 100-3

Brunt/Matheson

That a new course, RRT 100-3 - Leisure in Life, be approved.

Effective date: September 2006

CARRIED.

S-200601.55

New Course Approval — RRT 200-3

Brunt/Matheson

That a new course, RRT 200-3 - Sustainable Resource Recreation and Tourism, be approved.

Effective date: September 2006

CARRIED.

S-200601.56

New Course Approval — RRT 202-3

Brunt/Matheson

That a new course, RRT 202-3 - Ecotourism and Adventure Tourism, be approved.

Effective date: January 2007

CARRIED.

S-200601.57

New Course Approval — RRT 204-3

Brunt/Matheson

That a new course, RRT 204-3 - Visitor Behaviour, be approved.

Effective date: January 2007

CARRIED.

S-200601.58

New Course Approval — RRT 300-3

Brunt/Matheson

That a new course, RRT 300-3 - Recreation and Tourism Impacts, be approved.

Effective date: September 2006

CARRIED.

S-200601.59

New Course Approval — RRT 306-3

Brunt/Matheson

That a new course, RRT 306-3 - Indigenous Tourism and Recreation, be approved.

Effective date: September 2006

CARRIED.

S-200601.60

New Course Approval — RRT 400-3

Brunt/Matheson

That a new course, RRT 400-3 - Recreation and Tourism Ecology, Management and Design, be approved.

Effective date: January 2007

CARRIED.

S-200601.61

New Course Approval — RRT 403-3

Brunt/Matheson

That a new course, RRT 403-3 - International Dimensions of Resource Recreation and Tourism, be approved.

Effective date: September 2006

CARRIED.

S-200601.62

New Course Approval — RRT 407-3

Brunt/Matheson

That a new course, RRT 407-3 - Recreation, Tourism and Communities, be approved.

Effective date: January 2007

CARRIED.

S-200601.63

New Course Approval — RRT 414-3

Brunt/Matheson

That a new course, RRT 414-3 - Polar Tourism and Recreation, be approved.

Effective date: September 2006

S-200601.64

Degree Requirement Change — BA in Resource Based Tourism (Major)

Brunt/McGill

That the calendar be changed to reflect changes in the BA in Resource Based Tourism (Major) as follows (added or changed text underlined, deleted text ~~struck through~~):

Resource-Based Tourism (BA Program)

Gail Fondahl, Program Chair
John Shultis, Associate Professor
Pam Wright, Associate Professor
Anne Hardy, Assistant Professor
Pat Maher, Assistant Professor
Gordon Borgstrom, Adjunct Professor
Mike Murtha, Adjunct Professor
Sanjay Nepal, Adjunct Professor
~~Kim Lemky, Instructor~~

Website: <http://www.unbc.ca/rrt>

~~The BA in Resource Based Tourism recognizes that tourism has become the largest industry and employer in the world. Moreover, one of the fastest growing sectors in tourism is those attractions, activities, and experiences involving an interaction with natural and heritage resources. Accordingly, this curriculum examines the various components of the tourism phenomenon including planning, operations, marketing, resource management and environmental considerations, First Nations concerns, economic aspects, and business and entrepreneurial perspectives. Tourism has become the largest industry and employer in the world. One of the most important and fastest growing sectors in tourism is resource-based tourism, which comprises attractions, activities and experiences involving an interaction with natural and cultural resources (e.g., ecotourism, adventure tourism, indigenous tourism). This degree examines the various components of the resource-based tourism system, giving emphasis to the entrepreneurial perspectives and sustainability issues in the industry. Students also choose to specialize in other content areas and disciplines closely related to resource-based tourism, such as tourism marketing, indigenous tourism, geography, international studies, environmental planning, political science, and natural resource management.~~

Major in Resource-Based Tourism

Undergraduate students are required to complete a minimum of ~~eleven (11)~~ thirteen (13) Resource Recreation Tourism courses (~~34~~ 39 credit hours).

The minimum requirement for completion of a Bachelor of Arts with a major in Resource-Based Tourism is ~~42+~~ 122 credit hours.

Breadth Requirement

UNBC requires students to gain a breadth of knowledge prior to graduation; this is accomplished, in part, by requiring that all students successfully complete one course from each of the Arts and Humanities, Social Science, Natural Science, and Physical Science quadrants listed on page 65 of the Calendar. Students need to ensure they have a course from each of the quadrants as part of their major or minor requirements or as part of their elective requirements, and that they have the total number of credits required for their degree.

Students admitted to UNBC with 45 or more transfer credits are exempt from the Breadth Requirement.

Program Requirements

Lower Division Requirement

100 Level

BIOL 101-4	Introductory Biology I
BIOL 102-4	Introductory Biology II
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 INTS 205-3	Introduction to International Studies
or GEOG 101-3	Human Geography
— or HIST 110-3	Indigena
or FNST 100-3	The Aboriginal Peoples of Canada
or POLS 100-3	Contemporary Political Issues
NREM 100-2*	Natural Resources Management I
PSYC 101-3	Psychology as a Science
RRT 100-3	Leisure in Your 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 100-2 must be made within the first year of study in any Natural Resource Management major.

200 Level

BIOL 201-3	Ecology
— or PSYC 301-3	Social Psychology
COMM 210-3	Financial Accounting
COMM 220-3	Financial Management I
— or COMM 230-3	Organizational Behaviour
COMM 240-3	Introduction to Marketing
ECON 205-3	Statistics for the Social and Management Sciences
or MATH 242-3	Statistics for Social and Health Sciences
RRT 200-3	Sustainable Resource Recreation and Tourism
<u>RRT 202-3</u>	<u>Ecotourism and Adventure Tourism</u>
RRT 204-3	Visitor Behaviour
<u>Two of:</u>	
ENVS 203-3	Environmental Policy
or ENPL 204-3	Principles and Practices of Planning
or ENPL 205-3	Environment and Society
ENPL 208-3	<u>First Nations Community and Environmental Planning</u>
FNST 215-3	<u>Issues in External Relations for Contemporary Indigenous Peoples</u>
GEOG 200-3	Geography of BC
— or INTS 307-3	Global Resources
— or HIST 255-3	The Circumpolar World
GEOG 204-3	<u>Introduction to GIS for the Social Sciences</u>

<u>or</u> <u>GEOG 205-3</u>	Cartography and Geomatics
<u>RRT 203-3</u>	Introduction to Resource Based Tourism
<u>INTS 205-3</u>	<u>Introduction to International Studies</u>
<u>NREM 210-4</u>	<u>Integrated Resource Management</u>

Upper Division Requirement

300 Level

<u>COMM 300-3</u>	Introduction to Business Law
COMM 302-3	Entrepreneurship
COMM 342-3	Services Marketing
or <u>COMM 343-3</u>	Consumer Behaviour
or <u>ENPL 401-3</u>	<u>Environmental Law</u>
or <u>ENPL 415-3</u>	<u>Ecological Design</u>
<u>FNST 304-3</u>	First Nations Environmental Philosophy and Knowledge
<u>GEOG 303-3</u>	Recreational Geography
<u>or</u> <u>NREM 303-3</u>	<u>First Nations' Approaches to Resource Management</u>
<u>RRT 300-3</u>	<u>Resource Recreation and Tourism Impacts</u>
<u>RRT 301-3</u>	Interpretive Techniques <u>Environmental Interpretation</u>
<u>RRT 302-3</u>	Wildland Recreation
<u>RRT 304-3</u>	Organization and Management of Recreation and Tourism
<u>RRT 310-4</u>	<u>Resource Valuation</u>
<u>RRT 306-3</u>	<u>Indigenous Tourism and Recreation</u>
<u>RRT 333-3</u>	Field Camp or equivalent <u>Experience</u>

One of:

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

400 Level

<u>RRT 401-3</u>	Commercial Recreation and Tourism
<u>RRT 404-3</u>	Recreation Enterprises and Ecotourism Development
<u>RRT 410-3</u>	Research and Analysis in Recreation and Tourism
<u>RRT 412-3</u>	Issues and Trends in Resource Recreation and Tourism

Nine credit hours from:

<u>RRT 305-3</u>	<u>Protected Areas Planning and Management</u>
<u>RRT 400-3</u>	<u>Recreation and Tourism Ecology, Management and Design</u>
<u>RRT 403-3</u>	<u>International Dimensions in Resource Recreation and Tourism</u>
<u>RRT 407-3</u>	<u>Recreation, Tourism and Communities</u>
<u>RRT 408-3</u>	Social and Behavioural Dimensions <u>The Psychology of Recreation and Tourism</u>
<u>RRT 414-3</u>	<u>Polar Tourism and Recreation</u>
<u>RRT 440 (2-6)</u>	<u>Internship</u>
<u>RRT 498 (1-3)</u>	<u>Special Topics</u>
<u>RRT 499 (1-6)</u>	<u>Independent Study</u>

Two of:

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

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 ~~424~~ 122 credit hours.

Potential Resource-Based Tourism Streams

The following streams in the Resource-Based Tourism degree provide students with the opportunity to ~~visualize potential focus~~ visualize potential focus course selections, ~~develop course 'packages' and consider towards possible~~ develop course 'packages' and consider towards possible career options. Students are not required to follow these particular streams.

Biophysical Stream

<u>BIOL 101-4</u>	<u>Introductory Biology I</u>
<u>BIOL 102-4</u>	<u>Introductory Biology II</u>
<u>GEOG 100-3</u>	<u>Environments and People</u>
<u>NREM 100-2*</u>	<u>Natural Resources Management I</u>
<u>GEOG 200-3</u>	<u>Geography of BC</u>
<u>BIOL 201-3</u>	<u>Ecology</u>
<u>GEOG 303-3</u>	<u>Recreational Geography</u>
<u>INST 307-3</u>	<u>Global Resources</u>

~~*Note: Applications for exemption from NREM 100-2 must be made within the first year of study in any Natural Resource Management major.~~

Tourism Marketing Stream

<u>COMM 100-3</u>	<u>Introduction to Canadian Business</u>
<u>ECON 100-3</u>	<u>Microeconomics</u>
<u>COMM 230-3</u>	<u>Organizational Behaviour</u>
<u>COMM 240-3</u>	<u>Introduction to Marketing</u>
<u>COMM 302-3</u>	<u>Entrepreneurship</u>
<u>COMM 342-3</u>	<u>Services Marketing</u>
<u>COMM 343-3</u>	<u>Consumer Behaviour</u>

<u>RRT 408-3</u>	<u>The Psychology of RRT</u>
At least two of:	
<u>COMM 441-3</u>	<u>International Marketing</u>
<u>COMM 442-3</u>	<u>Marketing Strategy</u>
<u>COMM 449-3</u>	<u>Advanced Topics in Marketing</u>
<u>Socio-Cultural Indigenous/Cultural Tourism Stream</u>	
<u>HIST 110-3</u>	<u>Indigena</u>
<u>PSYC 101-3</u>	<u>Psychology as a Science</u>
<u>INTS 205-3</u>	<u>Introduction to International Studies</u>
<u>FNST 100-3</u>	<u>The Aboriginal Peoples of Canada</u>
<u>FNST 215-3</u>	<u>Issues in External Relations for Contemporary Indigenous Peoples</u>
<u>HIST 255-3</u>	<u>The Circumpolar World</u>
<u>PSYC 301-3</u>	<u>Social Psychology</u>
<u>ENPL 208-3</u>	<u>First Nations Community and Environmental Planning</u>
<u>NREM 303-3</u>	<u>First Nations' Approaches to Resource Management</u>
<u>FNST 304-3</u>	<u>First Nations Environmental Philosophy and Knowledge</u>
<u>RRT 306-3</u>	<u>Indigenous Tourism and Recreation</u>
<u>POLS 332-3</u>	<u>Community Development</u>
<u>ENPL 409-3</u>	<u>Advanced First Nations Community and Environmental Planning</u>
<u>GEOG 403-3</u>	<u>Aboriginal Geography</u>
<u>RRT 403-3</u>	<u>International Issues in Resource Recreation and Tourism</u>
<u>RRT 407-3</u>	<u>Recreation, Tourism and Communities</u>
<u>RRT 414-3</u>	<u>Polar Tourism and Recreation</u>

Effective date: September 2006
CARRIED.

S-200601.65

Degree Requirement Change — BA in Resource Based Tourism Minor

Brunt/McGill

That the calendar be changed to reflect changes in the BA in Resource Based Tourism Minor as follows (added or changed text underlined, deleted text ~~struck through~~):

<u>Minor in Resource-Based Tourism <u>and Recreation</u></u>	
The minor in Resource-Based Tourism <u>and Recreation</u> is designed to afford students an opportunity to gain a foundational set of knowledge in tourism <u>and recreation</u> while pursuing another major. <u>The minor requires students to take a total of 18 credits.</u> The minor has three required courses basic to the field of Resource-Based Tourism <u>and Recreation</u> (nine credits) and a set of elective courses (minimum of nine credits). 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. The emphasis of this minor is on the entrepreneurial aspects of the resource-based tourism industry.	
Required Courses	
<u>COMM 100-3</u>	- Introduction to Canadian Business
<u>RRT 203-3</u>	- Introduction to Resource Based Tourism
<u>RRT 401-3</u>	- Commercial Recreation and Tourism

RRT 100-3 Leisure in Your Life

One of:

RRT 200-3 Sustainable Resource Recreation and Tourism

RRT 202-3 Ecotourism and Adventure Tourism

RRT 204-3 Visitor Behavior

RRT 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:

<u>RRT 301-3</u>	<u>Environmental Interpretation</u>
<u>RRT 305-3</u>	<u>Protected Area Planning and Management</u>
<u>RRT 306-3</u>	<u>Indigenous Tourism and Recreation</u>
<u>RRT 403-3</u>	<u>International Issues in Resource Recreation and Tourism</u>
<u>RRT 407-3</u>	<u>Recreation, Tourism and Communities</u>
<u>RRT 408-3</u>	<u>The Psychology of Resource Recreation and Tourism</u>
<u>RRT 412-3</u>	<u>Issues and Trends in Resource Recreation and Tourism</u>
<u>RRT 414-3</u>	<u>Polar Tourism and Recreation</u>
<u>COMM 240 3</u>	- Introduction to Marketing
<u>RRT 304 3</u>	- Organization and Management of Recreation and Tourism
<u>RRT 404 3</u>	- Recreation Enterprises and Ecotourism Development
<u>RRT 408 3</u>	- Social and Behavioural Dimensions of Recreation and Tourism
<u>RRT 410 3</u>	- Research and Analysis in Recreation and Tourism

Effective date: September 2006

CARRIED.

S-200601.66

Degree Requirement Change — BSc in Natural Resource Management – Major in Resource Recreation

Brunt/Hurtubise

That the calendar be changed to reflect changes in the BSc in Natural Resource Management – Major in Resource Recreation as follows (added or changed text underlined, deleted text ~~struck through~~):

Major in Resource Recreation

This BSc Major in Resource Recreation focuses on the natural and social dimensions of outdoor recreation planning and management, using an integrated 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 resource recreation management. British Columbia has a large land base and a range of natural has wilderness areas, Regional, Provincial and National Parks, provincial forests, First Nations territories, lands and environments that support a vast array of dispersed and concentrated outdoor recreation opportunities. The program examines looks at the components of planning and managing developing and/or maximizing recreation potential through scrutiny of subject areas such as management of 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), marketing, facilities,

~~interpretation and research.~~

Undergraduate students are required to take ~~13~~ 12 Resource Recreation and Tourism courses (~~40~~ 36 credit hours). Of these, ~~11~~ 9 courses ~~must~~ are be upper division.

The minimum requirement for the completion of a Bachelor of Science with a major in Resource Recreation is ~~132~~ 120 credit hours.

Breadth Requirement

UNBC requires students to gain a breadth of knowledge prior to graduation; this is accomplished, in part, by requiring that all students successfully complete one course from each of the Arts and Humanities, Social Science, Natural Science, and Physical Science quadrants listed on page 65 of the Calendar. Students need to ensure they have a course from each of the quadrants as part of their major or minor requirements or as part of their elective requirements, and that they have the total number of credits required for their degree.

Students admitted to UNBC with 45 or more transfer credits are exempt from the Breadth Requirement.

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
NREM 100-2*	Natural Resources Management I
NREM 101-2	Natural Resources Management II
<u>RRT 100-3</u>	<u>Leisure in Your Life</u>

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 100-2 must be made within the first year of study in any Natural Resource Management major.

200 Level

BIOL 201-3	Ecology
ECON 205-3	<u>Statistics for the Social and Health Sciences</u>
or MATH 242-3	<u>Statistics for the Social and Management Sciences</u>
<u>GEOG 204-3</u>	<u>Introduction to GIS for the Social Sciences</u>
or GEOG 205-3	Cartography and Geomatics
GEOG 210-3	Geomorphology
MATH 242-3	Statistics for Social and Health Sciences
— or ECON 205-3	Statistics for the Social and Management Sciences

NREM 203-3	Resource Inventories and Measurements
<u>or NREM 204-3</u>	<u>Introduction to Wildlife and Fisheries</u>
<u>or GEOG 210-3</u>	<u>Geomorphology</u>
NREM 210-4	Integrated Resource Management
RRT 201-3	Introduction to Resource Recreation Management
RRT 200-3	Sustainable Resource Recreation and Tourism
RRT 204-3	Visitor Behaviour

Upper Division Requirement

300 Level

ENPL 305-3	Environmental Impact Assessment
GEOG 303-3	Recreational Geography
NREM 303-3	First Nations' Approaches to Resource Management
<u>or FNST 304-3</u>	<u>First Nations Environmental Philosophy and Knowledge</u>
NREM 306-3	Society, Policy and Administration
RRT 302-3	Wildland Recreation
RRT 304-3	Organization and Management of Recreation and Tourism
RRT 310-4	Resource Valuation
<u>RRT 300-3</u>	<u>Recreation and Tourism Impacts</u>
RRT 301-3	Environmental Interpretation
RRT 305-3	Protected Area Planning and Management
RRT 333-3	Field Camp Experience
<u>One of</u>	
BIOL 301-3	Systematic Botany
<u>or FSTY 201-4</u>	<u>Plant Systems</u>
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 410-3	Watershed Management
or GEOG 401-3	Resource Geography
NREM 411-3	Environmental and Professional Ethics
<u>RRT 400-3</u>	<u>Recreation and Tourism Ecology, Management and Design</u>
RRT 410-3	Research and Analysis in Recreation Tourism
RRT 412-3	Issues and Trends in Resource Recreation and Tourism

~~Eighteen (18)~~ Six credit hours from the following:

RRT 203-3	Introduction to Resource Based Tourism
RRT 301-3	Interpretive Techniques
RRT 303-3	Areas and Facilities Planning
RRT 401-3	Commercial Recreation and Tourism
RRT 402-3	Recreation for Special Needs
RRT 404-3	Recreation Enterprises and Ecotourism Development

RRT 406-3	Parks Planning and Management
<u>RRT 306-3</u>	<u>Indigenous Tourism and Recreation</u>
<u>RRT 403-3</u>	<u>International Dimensions in Resource Recreation and Tourism</u>
RRT 407-3	Recreation, Tourism and Communities
RRT 408-3	Social and Behavioural Dimensions Psychology of Recreation and Tourism
RRT 413-3	Visitor Management
RRT 413-3	Polar Tourism and Management
RRT 440 (2-6)	<u>Internship</u>
RRT 498 (1-3)	Special Topics
RRT 499 (1-6)	Independent Study

(See suggested RRT streams)

Two-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
FSTY 205-3	Introduction to Soil Science
FSTY 206-3	Forest Biology
PSYC 301-3	Social Psychology
PSYC 307-3	Motivation and Emotion
PSYC 330-3	Cognition
<u>BIOL 404-3</u>	<u>Plant Ecology</u>
<u>BIOL 412-3</u>	<u>Wildlife Ecology</u>
<u>BIOL 420-3</u>	<u>Animal Behaviour</u>
<u>NREM 410-3</u>	<u>Watershed Management</u>
<u>GEOG 432-3</u>	<u>Remote Sensing</u>

Elective Requirement

Elective credit hours as necessary to ensure completion of a minimum of ~~432~~ 120 credit hours.

~~Suggested RRT Streams~~

The following streams in the Resource Recreation major (BSc NRM) provide students with the opportunity to visualize potential course selections, develop course 'packages' and consider career options. Students are not required to follow these particular streams.

~~Park/ Wildlands Management~~

RRT 301-3	Interpretive Techniques
RRT 303-3	Areas and Facilities Planning
RRT 402-3	Recreation for Special Needs
RRT 406-3	Parks Planning and Management
RRT 408-3	Social and Behavioural Dimensions of Recreation and Tourism
RRT 413-3	Visitor Management

~~Commercial Development~~

RRT 203-3	Introduction to Resource Based Tourism
RRT 303-3	Areas and Facilities Planning

RRT 401-3	Commercial Recreation and Tourism
RRT 402-3	Recreation for Special Needs
RRT 404-3	Recreation Enterprises and Ecotourism Development
RRT 408-3	Social and Behavioural Dimensions of Recreation and Tourism

Effective date: September 2006
CARRIED.

S-200601.67

Deletion of BSc in Natural Resource Management – Minor in Resource Recreation

Brunt Hutchings

That the BSc in Natural Resource Management – Minor in Resource Recreation, be deleted.

Effective date: September 2006

CARRIED.

The Following items were reported to Senate for information:

SCAPP200512.32

Administration of the Northern Studies Program Within the Political Science Program

The Northern Studies Program to be administered within the Political Science Program by the Chair of Political Science.

Effective date: December 1, 2005

SCAPP200512.16

Prerequisite, Co-requisite and Course Description Change — CHEM 204-3

The Calendar Course Description for CHEM 204-3 - Introductory Biochemistry changed as proposed, and that the prerequisites/corequisites be deleted and replaced by the following:

Prerequisites: CHEM 201-3, BIOL 101-4 AND BIOL 102-4

Co-requisites: CHEM 203-3

Effective date: September 2006

SCAPP20051219.04

Course Preclusion Change – FNST 316-3

HHSC 471-3 added as a preclusion for FNST 316-3 - Aboriginal Health and Chronic Disease.

Effective date: September 2006

SCAPP20051219.04

Course Preclusion Change – GEOG 308-3

HHSC 421-3 added as a preclusion for GEOG 308-3 - Medical Geography.

Effective date: September 2006

SCAPP20051219.04

Course Preclusion Change – NURS 303-3

HHSC 311-3 Added as a preclusion for NURS 303-3 - Nutrition.

Effective date: September 2006

SCAPP20051219.04

Course Preclusion Change – NURS 306-3

HHSC 350-3 added as a preclusion for NURS 306-3 - Introduction to Epidemiology.

Effective date: September 2006

SCAPP20051219.04

Course Preclusion Change – NURS 402-3

HHSC 473-3 added as a preclusion for NURS 402-3 - Health Promotion.

Effective date: September 2006

SCAPP200512.32

Course Title, Calendar Description, Prerequisite and Co-requisite Change – RRT 301-3

The title of RRT 301-3 - Interpretive Techniques changed to “Environmental Interpretation,” the prerequisite stated as “Any 200 level RRT course,” and Calendar Course Description modified.
Effective date: September 2006

SCAPP200512.32

Course Title, Calendar Description, Prerequisite and Preclusion Change – RRT 333-3

The title of RRT 333-3 - Field Camp is changed to “Field Experience,” the prerequisite changes to “Any 300 level RRT course and 60 credit hours,” and the Calendar Course Description modified.
Effective date: September 2006

SCAPP200512.32

Course Number, Title, Calendar Description and Prerequisite Change – RRT 406-3

The title and number of RRT 406-3 - Parks Planning and Management changed to RRT 305-3 – protected Area Planning and Management,” the prerequisite changed to “any 200 level RRT course,” a preclusion added, “RRT 406-2,” and the Calendar Course Description modified.
Effective date: September 2006

SCAPP200512.32

Course Title, Calendar Description, Prerequisite and Preclusion Change – RRT 410-3

The title of RRT 410-3 - Research and Analysis in Recreation and Tourism, changed to “Research Methods and Analysis,” be modified, the prerequisites changed to “RRT 300-3 and ECON 205-3 or MATH 242-3, or permission of the instructor,” and the preclusion changed to “RRT 610-3, and the Calendar Course Description modified.
Effective date: September 2006

SCAPP200512.32

Course Number Change – WMST 270-3

The course number for WMST 270-3 - An Introduction to the History of Gender, changed to WMST 312-3.
Effective date: January 2006

7.2 Senate Committee on Research and Graduate Studies

S-200601.68

New Course Approval — GEOG 626-3

Tait/Stephens

That a new course, GEOG 626-3 - Geographies of Culture, Rights and Power, be approved.

Effective date: May 2006

CARRIED.

S-200601.69

New Course Approval — GEOG 657-3

Tait/Stephens

That a new course, GEOG 657-3 - Advanced Remote Sensing, be approved.

Effective date: January 2007

CARRIED.

S-200601.70

Canadian Graduate Student Research Mobility Agreement (CGSRMA)

Tait/Scholefield

That UNBC be a part of the Canadian Graduate Student Research Mobility Agreement (CGSRMA).

Effective Date: January 4, 2006

CARRIED.

To Senate for Information

SCRGS200512.06

Approval of 2005 Annual Report

That the Annual Report from the Senate Committee on Research and Graduate Studies for 2005 be approved by the Committee and forwarded to Senate for information.

Effective Date: December 7, 2005

Motion: Tait/Mandy: That the 2005 Annual report be received.
CARRIED.

7.3 Senate Committee on Scholarships and Bursaries — No report

7.4 Senate Committee on Admissions and Degrees

Kielly

S-200601.71

Incorporation of Advanced Placement (AP) and International Baccalaureate (IB) Courses for High School Admission Requirements

Tait/Annis

That the list of Advanced Placement (AP) and International Baccalaureate (IB) courses be incorporated for High School admission requirements.

It was noted that, in the Tables headed "Current Courses for Transfer Credit," and "Proposed Admission Courses," "United State History" should correctly read "United States History." Dr. Mandy asked whether the University had any indication of the success of students to whom standing is given in respect of IB courses. In Chemistry, knowledge gaps had been noted. Mr. DeGrace said that, in his experience, the academic success of IB students in university generally was at a high standard. Ms. Kielly said that her Office could look into the matter.

Effective date: January 1, 2006

CARRIED.

7.5 Senate Committee on Nominations

The following report was given to Senate by way of information

Senate Position to be Filled

Elected

CASHS Faculty Senator

Six positions available, from February 1, 2006 until January 31, 2009

Dawn Hemingway
Jacqueline Holler
Han Li
Jalil Safaei
Angele Smith
Shannon Wagner

CSAM Faculty Senator

Five positions available, from February 1, 2006 until January 31, 2009

David Casperson
Robert Ellis
Jennifer Hyndman
Erik Jensen
Jianbing Li

Faculty Senator at Large

One position available, from February 1, 2006 until January 31, 2009

Eleanor Annis

Lay Senator

Four positions available, from February 1, 2006 until January 31, 2009

Erin Kinghorn
Matt Thomson
Mike Reed

Undergraduate Student Representative to Senate Committee on the University Budget

Satvir Sangha

7.6 Steering Committee of Senate — No report

8.0 Other Business

8.1 Report of the Administrative Registrar

Kielly

9.0 Information

10.0 S-200601.72

Move to In-Camera Session

Blouw/Hutchings

That the meeting move In-Camera.

CARRIED.

11.0 S-200601.78

Adjournment

That the Senate meeting be adjourned.