

**SENATE MEETING  
PUBLIC SESSION  
MINUTES**

April 24, 2013  
3:30 – 5:30 PM

Senate Chambers (Room 1079 Administration Building)

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**Present:**

R. Bird, J. Brown, D. Casperson, L. Copeland (Acting University Librarian), M. Dale, A. Daniele, D. de Vries, B. Deo, M. Green, S. Green, K. Guest, L. Handfield, T. Hanschen (Secretary of Senate), K. Hutchings, E. Korkmaz, J. Kormos, I. Legault, B. Murray, C. Myers (Recording), K. Reimer, R. Robinson, D. Ryan, J. Safaei Boroojeny, P. Sanborn, P. Siakaluk, R. Tait (Acting Dean, CASHS), R. Tallman, S. Wagner, K. Walker, B. Wang, T. Whitcombe, S. Zahir

**Regrets:**

E. Annis, M. Archie, R. Brouwer, D. Burke, G. Iwama (Chair), D. Leighton-Stephens, B. McGill (Acting Dean, Graduate Programs), C. Nolin (Vice Chair), M. Nitz, A. Stroet

**Absent:**

K. Kuo, D. Macknak, D. Nyce, C. Silva

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The meeting commenced at 3:30 p.m. In the absence of the Chair and Vice-Chair of Senate, the meeting was chaired by the Provost, Dr. Dale. New student Senators were introduced by Dr. Dale.

**1.0**

**S-201304.01**

**Approval of the Agenda**

Whitcombe

That the agenda for the April 24, 2013 Public Session of Senate be approved as presented.

CARRIED.

**2.0**

**Approval of Senate Minutes**

Motions S-201304.02 and S-201304.03 were dealt with as an omnibus motion.

**S-201304.02**

**Revised Senate Minutes of January 23, 2013**

Whitcombe

That the revised minutes of the January 23, 2013 Public Session of Senate be approved as presented.

CARRIED.

**S-201304.03**

**Revised Senate Minutes of February 20, 2013**

Whitcombe

That the revised minutes of the February 20, 2013 Public Session of Senate be approved as presented.

CARRIED.

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**To Senate for Information:**

**2.1** Senate Public Session Meeting Notes of March 20, 2013

The meeting notes from the meeting of March 20, at which no quorum was obtained, were provided for information.

**3.0 Business Arising from Previous Minutes of Senate**

No business arising was identified.

**4.0 President's Report**

**Iwama**

As Dr. Iwama was absent, there was no report from the President.

**5.0 Report of the Provost**

**Dale**

Dr. Dale reported on the status of recruitment for several vacant positions, as follows:

- Dean of Graduate Programs — the committee will be holding videoconference interviews in May
- Dean of CASHS — a candidate has been recommended to the Board of Governors for approval
- Sustainability Manager — a shortlist has been determined
- University Librarian — a shortlist has been created and interviews will take place in May
- Vice-Provost Student Engagement — a shortlist has been established and interviews will be conducted in May
- Athletics Director — a shortlist has been created and interviews will take place May 13-15

**6.0 Report of the Registrar**

**Hanschen**

Mr. Hanschen delivered a presentation, attached to these minutes as "Appendix I."

**7.0 Question Period**

Some questions were raised about the information in Mr. Hanschen's presentation, such as the recruitment of transfer students, declaration of majors, and UNBC's recruitment strategy, to which Mr. Hanschen responded. A Senator asked about the recent increase in parking fees and commented that it was unfair to expect these fees to pay for maintenance of roads and sidewalks. Vice President Bray replied that no money is used from the operating budget to cover the costs of roads and that the money needs to come from fees that are charged and approved by the Board of Governors. A Senator asked about the Request for Proposals (RFP) for the new travel agency and whether parameters could be divulged regarding research grants and the requirement to use a travel agency. Ms. Bray also responded to this question, stating that the RFP had not yet been written. Concern was expressed about the fact that the elevators on campus are often out of service, and Vice President Bray replied that the University has a service provider for the elevators who are called when necessary and that is all that can be done.

**8.0 S-201304.04**

**Approval of Motions on the Consent Agenda**

Casperson

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

CARRIED.

9.0 Committee Reports

9.1 Senate Committee on Academic Affairs

Dale

“For Approval” Items:

Motions S-201304.05 and S-201304.06 were dealt with as an omnibus motion.

**S-201304.05**

**Changes to Degree Requirements and Calendar Description — MSc in Business Administration**

Hutchings

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the degree requirements and calendar description for the MSc in Business Administration, in the 2012/2013 Graduate Calendar, be approved as proposed.

Effective date: September 2013

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]):

Requirements

~~In first year, The course of study comprises~~ has two major components: (1) 15 18 credit hours of courses to provide research methods and statistical knowledge and skills as well as substantive breadth of knowledge within a specialized area of concentration in business administration; and (2) ~~-In second year, the course of study comprises 21 18 credit hours of courses to provide additional substantive depth in the an area of specialized concentration that includes, research in business administration to apply and refine research skills, and a Master’s Thesis representing an original empirical investigation in the chosen specialized area of business administration.~~

**Required Courses for the First Year**

COMM 662-3	Research Methodology or equivalent
COMM 760-3	Seminar in Business Administration
<u>COMM 762- 6</u>	<u>Independent Research in Business Administration</u>
<u>COMM 763-12</u>	<u>Master's Thesis</u>

~~One~~ Two courses from the following MSc Research Topics courses (~~3 credit hours~~)

COMM 616-3	Accounting Research 1
COMM 617-3	Accounting Research 2
COMM 618-3	Accounting Research 3
COMM 626-3	Finance Research 1
COMM 627-3	Finance Research 2
COMM 628-3	Finance Research 3
COMM 637-3	Research in Human Resources Management/Organization Behaviour 1
COMM 638-3	Research in Human Resources Management/Organization Behaviour 2
COMM 639-3	Research in Human Resources Management/Organization Behaviour 3
COMM 646-3	Marketing Research 1

COMM 647-3	Marketing Research 2
COMM 648-3	Marketing Research 3
COMM 656-3	Research in Operations Management/International Business 1
COMM 657-3	Research in Operations Management/International Business 2
COMM 658-3	Research in Operations Management/International Business 3

### **Required Courses for the Second Year**

One course from the following MSc Research Topics courses (3 credit hours)

<del>COMM 616-3</del>	<del>Accounting Research 1</del>
<del>COMM 617-3</del>	<del>Accounting Research 2</del>
<del>COMM 618-3</del>	<del>Accounting Research 3</del>
<del>COMM 626-3</del>	<del>Finance Research 1</del>
<del>COMM 627-3</del>	<del>Finance Research 2</del>
<del>COMM 628-3</del>	<del>Finance Research 3</del>
<del>COMM 637-3</del>	<del>Research in Human Resources Management/Organization Behaviour 1</del>
<del>COMM 638-3</del>	<del>Research in Human Resources Management/Organization Behaviour 2</del>
<del>COMM 639-3</del>	<del>Research in Human Resources Management/Organization Behaviour 3</del>
<del>COMM 646-3</del>	<del>Marketing Research 1</del>
<del>COMM 647-3</del>	<del>Marketing Research 2</del>
<del>COMM 648-3</del>	<del>Marketing Research 3</del>
<del>COMM 656-3</del>	<del>Research in Operations Management/International Business 1</del>
<del>COMM 657-3</del>	<del>Research in Operations Management/International Business 2</del>
<del>COMM 658-3</del>	<del>Research in Operations Management/International Business 3</del>
<del>COMM 762 (3-6)</del>	<del>Independent Research in Business Administration</del>
<del>COMM 763-12</del>	<del>Master's Thesis</del>

#### **S-201304.06**

#### **Changes to Calendar Description — MSc in Business Administration (“Additional Required Courses” Section)**

Hutchings

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar description related to the additional required courses for the MSc in Business Administration, in the 2012/2013 Graduate Calendar, be approved as proposed.

Effective date: September 2013

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]):

#### **Additional Required Courses**

(taken in first or second year)

STAT 671-3	Linear Models
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With permission of the Chair of the MSc Program in Business Administration, alternative courses in other programs ~~statistics~~ may be taken as substitutes for STAT 671-3 and STAT 675-3 if the STAT courses are not available when needed to meet MSc Program requirements. When the above two STAT course are available ~~when needed to meet MSc requirements~~, they are to be taken in preference to alternative courses.

**S-201304.07****New Course Approval — COMM 698-3**

Casperon

That, on the recommendation of the Senate Committee on Academic Affairs, the new course COMM 698-3 Special Topics in Administration be approved as proposed.

Proposed semester of first offering: September 2013

CARRIED (consent agenda).

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

This course provides curriculum on special topics in frontier areas of various disciplines of Business Administration.

**S-201304.08****Change to Grade Mode — COMM 763-12**

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the grade mode for COMM 763-12 MSc Business Administration Thesis be changed from a letter grade to Pass/Fail.

Effective date: September 2012

CARRIED.

**S-201304.09****Changes to Degree Requirements — Environmental Planning Major in Natural Resource Planning**

Ryan

That, on the recommendation of the Senate Committee on Academic Affairs, the degree requirements for the Environmental Planning Major in Natural Resource Planning, in the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

**Major in Natural Resources Planning**

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Upper-Division Requirements

NREM 400-4 Natural Resources Planning

NREM 410-3 Watershed Management

Three of:

BIOL 302-3 Limnology

BIOL 411-3 Conservation Biology

ECON 305-3 Environmental Economics

ECON 330-4 Resource Economics

ECON 331-3 Forestry Economics

ECON 411-3 Cost Benefit Analysis

ENPL 409-4 Advanced First Nations Community and Environmental Planning

ENSC 302-3 Energy Development  
 ENSC 308-3 Northern Contaminated Environments  
 ENSC 312-3 Boundary-layer Meteorology  
 ENSC 404-3 Waste Management  
 ENSC 412-3 Air Pollution  
 ENV5 325-3 Global Environmental Change: Science and Policy  
 ENV5 326-3 Natural Resources, Environmental Issues and Public Engagement  
 FNST 451-3 Traditional Use Studies  
 GEOG 401-3 Resource Geography  
 INTS 307-3 Global Resources  
 INTS 470-3 International Environmental Policy  
 NREM 413-3 Agroforestry  
 ORTM 300-3 Recreation and Tourism Impacts  
 ORTM 305-3 Protected Area Planning and Management  
 ORTM 407-3 Recreation, Tourism and Communities  
 POLS 334-3 Society, Policy and Administration of Natural Resources  
**POLS 344-3 Society, Policy and Administration of Natural Resources**  
**or NREM 306-3 Society, Policy, and Administration**  
 POLS 350-3 Law and Municipal Government

Motions S-201304.10 to S-201304.13 were dealt with as an omnibus motion.

**S-201304.10**

**Changes to Course List for First Nations Studies “Approved Ancillary Courses for a Major in First Nations Studies”**

Hutchings

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the course list for FNST “Approved Ancillary Courses for a Major in First Nations Studies,” on page 133 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

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]):

ANTH 206-3 Ethnography in Northern British Columbia  
 ANTH 404-3 Comparative Study of Indigenous Peoples of the World  
 ANTH 407-3 British Columbia Ethnography  
 ANTH 409-3 British Columbia Archaeology  
 BIOL 350-3 Ethnobotany  
 ENGL 320-3 First Nations Literature  
 ENGL 420-3 Special Topics in First Nations Literature  
 GEOG 403-3 Aboriginal Geography  
HHSC 471-3 Aboriginal Health and Chronic Disease  
 HIST 303-3 British Columbia  
~~HIST 110-3 Indigena~~  
HIST 215-3 Global History of Indigenous People  
 HIST 390-3 Aboriginal People in Canada  
 HIST 391-3 Aboriginal People in the United States  
 HIST 456-(3-6) Topics in Cultural Encounters  
 NREM 303-3 First Nations’ Approaches to Resource Management  
 NURS 205-3 Introduction to First Nations Health  
 NURS 422-3 First Nations Health and Nursing  
 NURS 498-3 Special Topics in Nursing  
~~POLS 220-3 Canadian Law and Aboriginal Peoples~~  
 POLS 311-3 Russian Politics and Society  
~~POLS 340-3 First Nations Self-Government and Administration~~

POLS 412-3 Comparative Aboriginal State Relations  
SOCW 455-3 First Nations Governance and Social Policy  
SOCW 456-3 Family Caring Systems  
SOCW 457-3 Individual and Community Wellness  
WMST 306-3 Indigenous Women: Perspectives  
WMST 413-(3-6) Topics in Aboriginal Women's Studies

**S-201304.11**

**Changes to Title and Course List for First Nations Studies Aboriginal Health Sciences Certificate**

Hutchings

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the title and course list for FNST Aboriginal Health Sciences Certificate, on page 136 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

CARRIED.

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

~~Aboriginal Health Sciences~~ Aboriginal / Indigenous Health and Healing

The Certificate in ~~Aboriginal / Indigenous Health and Healing Sciences~~ offers a multidisciplinary

program allowing individuals to pursue their interest in Aboriginal / Indigenous Health and Healing Sciences through a concentrated program of courses on Aboriginal Health and Health Science subjects.

The Certificate requires completion of 10 courses (30 credit hours).

Individuals working with Aboriginal communities in a health-related field or desiring to pursue a degree in the health sciences with a concentration on Aboriginal health will be especially interested in this program.

The Certificate in Aboriginal / Indigenous Health and Healing Sciences allows individuals to

receive a credential after 30 credit hours of study. The Certificate especially complements a major in First Nations Studies, Anthropology, Environmental Studies, Community Health, and Psychology. Students desiring to complete a degree after the Certificate are strongly encouraged to speak with the relevant program ~~academic~~ student advisor. Students must establish their course of study with approval from the Chair of First Nations Studies.

Certificate Requirements

~~BIOL 110-3 Introductory Ecology~~

~~CHEM 110-3 Chemistry of Everyday Life~~

~~or CHEM 100-3 General Chemistry I~~

FNST 100-3 The Aboriginal Peoples of Canada

HHSC 101-3 Introduction to Health Sciences I: Issues and Controversies

HHSC 102-3 Introduction to Health Sciences II: Rural and Aboriginal Issues

~~PHYS 115-4 General Introduction to Physics~~

~~PSYC 101-3 Psychology as a Science~~

FNST 200-3 Methods and Perspectives in First Nations Studies

FNST 203-3 Introduction to Traditional Ecological Knowledge

FNST 217-3 Contemporary Challenges Facing Aboriginal Communities

FNST 280-3 Aboriginal Medicines I – Harvesting and Preservation

FNST 281-3 Aboriginal Medicines II – Administering and Ethics  
FNST 282-3 Aboriginal Health Philosophy  
FNST 298-3 Special Topics in First Nations Studies  
MATH 115-3 Pre-Calculus

**S-201304.12**

**Changes to Title and Course List for First Nations Studies Aboriginal Health Sciences Diploma**  
Hutchings

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the title and course list for FNST Aboriginal Health Sciences Diploma, on page 134 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

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]):

~~Aboriginal Health Sciences~~ Aboriginal / Indigenous Health and Healing

The Diploma in Aboriginal / Indigenous Health and Healing Sciences offers a multidisciplinary program allowing individuals to pursue their interest in Aboriginal / Indigenous Health and Healing Sciences through a concentrated program of courses on

Aboriginal Health and Health Science subjects. Individuals working with Aboriginal communities in a health-related field or desiring to pursue a degree in the health sciences with a concentration on Aboriginal health will be especially interested in this program.

The Diploma in Aboriginal / Indigenous Health and Healing Sciences allows individuals to receive a credential after ~~620~~ credit hours of study. The Diploma especially complements a major in First Nations Studies, Anthropology, Environmental Studies, Community Health, and Psychology. Students desiring to complete a degree after completion of the Diploma are strongly encouraged to speak with the relevant program Academic Student Advisor.

~~The diploma program is based on existing undergraduate courses with the addition of four new courses (Aboriginal Medicines II– Administering and Ethics, Aboriginal Health Management, Aboriginal Health and Chronic Illness, and Aboriginal Healing Practices).~~

**Diploma Requirements**

Successful completion of the Certificate in Aboriginal / Indigenous Health and Healing Sciences:

~~BIOL 102-4 Introductory Biology II~~

~~HHSC 102-3 Introductory to Health Sciences II – Rural and Aboriginal Issues~~

~~PSYC 102-3 Psychology and Human Problems~~

~~PSYC 215-3 Research Design and Methodology in Psychology I~~

~~FNST 281-3 Aboriginal Medicines II – Administering and Ethics~~

~~FNST 302-3 First Nations Health and Healing~~

~~FNST 303-3 First Nations Religion and Philosophy and Knowledge~~

~~FNST 304-3 Indigenous First Nations Environmental Philosophy and Knowledge~~

~~FNST 313-3 Healing Within Art: Space, Time and Materials~~

~~FNST 315-3 Aboriginal Health Management~~



FNST 316-3 Aboriginal Health and Chronic Illness  
FNST 317-3 Aboriginal Healing Practices  
FNST 411-3 Advanced Topics in Indigenous Religion and Philosophy  
FNST 440-3 Internship in First Nations Studies  
FNST 498-3 Special Topics in FNST

**S-201304.13**

**Changes to Course List for First Nations Studies Minor in Indigenous Ecological Knowledge**  
Hutchings

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the course list for FNST "Minor in Indigenous Ecological Knowledge" on page 134 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

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]):

**Minor in Indigenous Ecological Knowledge**

The minor in Indigenous Ecological Knowledge assists students to gain an understanding of the unique ways that Indigenous Peoples know and understand the world. This minor prepares students to engage First Nations in collaborative processes that include traditional ways of living and knowing, environmental philosophies, and aboriginal governance.

The minor in Indigenous Ecological Knowledge requires the completion of a minimum of 21 credit hours of study, of which 12 must be at the upper division. A maximum of two courses (6 credit hours) used to fulfil the requirements for a major, or another minor, may also be used to fulfil requirements for this minor. It is the student's responsibility to ensure that they have the required prerequisites.

**Required**

FNST 100-3 The Aboriginal Peoples of Canada

FNST 203-3 Introduction to Traditional Environmental Knowledge

FNST 217-3 Contemporary Challenges Facing Aboriginal Communities

Four of:

FNST 301-3 Art and Material Culture of BC First Nations

FNST 302-3 First Nations Health and Healing

FNST 303-3 First Nations Religion and Philosophy

FNST 304-3 First Nations ~~Environmental~~ Ecological Philosophy and Knowledge

FNST 350-3 Canadian Law and Aboriginal Peoples

FNST 416-3 International Perspective

FNST 440-3 Internship in First Nations Studies

FNST 451-3 Traditional Use Studies

~~POLS 220-3 Canadian Law and Aboriginal Peoples~~

**S-201304.14**

**Changes to Program Requirements — Bachelor of Health Sciences (BHSc) Honours Program**

Tait

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the changes to the Bachelor of Health Sciences (BHSc) Honours Program credit hour requirements be approved as proposed.

Effective date: September 2013

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]):

## **Page 149, 2012/2013 Calendar 2nd column**

To be awarded the BHSc Honours degree, students are required to complete 128 credit hours. This consists of ~~59~~ 56 credit hours of common requirements for all BHSc students, with the remainder coming from the following ~~M~~majors, and electives, as follows:

### **Biomedical Studies:**

~~48~~ 45 credit hours of courses from the Biomedical Studies major; ~~42~~ 18 elective credit hours of which at least 3 credit hours must be at the Health Sciences upper level; and the following 9 Honours credit hours:

HHSC 490-6 Honours Thesis  
HHSC 497-3 Senior Seminar

### **Community and Population Health - Aboriginal and Rural Health:**

33 credit hours from the common course requirements for both Community and Population Health ~~M~~majors, as well as a minimum of 12 credit hours (6 specified, 6 chosen) in Aboriginal and Rural Health-related courses; ~~45~~ 18 credit hours ~~are~~ obtained from elective credit hours; and the following 9 Honours credit hours:

HHSC 490-6 Honours Thesis  
HHSC 497-3 Senior Seminar

### **Community and Population Health - Environmental Health:**

Students take 33 credit hours from the common course requirements for both Community and Population Health ~~M~~majors, as well as a minimum of 12 credit hours (6 specified, 6 chosen) in Environmental Health-related courses; ~~45~~ 18 credit hours ~~are~~ obtained from elective credit hours; and the following 9 Honours credit hours:

### **S-201304.15**

#### **Changes to Calendar Description — Mathematics and Statistics (BSc Program)**

Whitcombe

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the calendar description for Mathematics and Statistics (BSc Program), on pages 155, 254 and 281 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

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### **Mathematics and Statistics (BSc Program)**

Website: [www.unbc.ca/math](http://www.unbc.ca/math)

The Department of Mathematics and Statistics provides undergraduate and postgraduate instruction and training in pure mathematics, applied mathematics, and statistics. A Bachelor of Science degree is available in Mathematics, as well as joint BSc degrees in Mathematics and Physics, Economics and Mathematics, Chemistry and Mathematics, and Computer Science and Mathematics.

In addition, there is a minor in Mathematics and a minor in Statistics. A graduate degree (MSc—~~Mathematical, Computer, Physical, and Molecular Sciences Mathematics~~) is also supported by the Department of Mathematics and Statistics. Students interested in graduate studies are advised to consult the UNBC Graduate Calendar for further information.

The Department of Mathematics and Statistics offers Mathematics and Statistics service courses to students in the biological sciences, health sciences, management, economics, social sciences, and other areas.

Some sections of introductory calculus are enhanced through the use of computer software which provides exceptional computational power and high-quality graphical display. Introductory statistics courses teach the use of statistical analysis software to analyze data.

An important feature of the Mathematics degree program is the early emphasis on the development of abstract reasoning and the relation of the abstract to the concrete. The degree requirements have been chosen so as to provide students with a broad background in Mathematics while still leaving them room to pursue individual interests.

For more information please visit our website at [www.unbc.ca/math](http://www.unbc.ca/math).

### Major in Mathematics (~~BSc Program~~)

A major in Mathematics requires 17 ~~mathematics~~ MATH or STAT courses (51 credit hours), at least 30 credit hours of which must be upper-division courses: and, of those upper-division credit hours, at least 12 must be taken at the 400 level.

MATH 342-3 (Biostatistics) may not be used for credit towards any Mathematics major, minor, or joint major.

MATH 150-3 (Finite Mathematics for Business and Economics) may not be used for credit towards any Mathematics major or joint major.

The minimum requirement for completion of a Bachelor of Science with a major in Mathematics is 120 credit hours.

### Program Requirements

Note: Unless otherwise stated, students enrolling in any ~~Mathematics~~ MATH or STAT courses with prerequisites are required to have completed all prerequisite courses for that course with a C- or better, or have permission to enroll from the Department Chair.

#### Literacy Requirement

One of:  
ENGL 170-3 Writing and Communication Skills  
ENGL 270-3 Expository Writing

#### Lower-Division Requirement

100 Level  
CPSC 100-4 Computer Programming I

CPSC 141-3 Discrete Computational Mathematics  
MATH 100-3 Calculus I  
or MATH 105-3 Enriched Calculus  
MATH 101-3 Calculus II

200 Level

MATH 200-3 Calculus III  
MATH 201-3 Introduction to Complex Analysis  
MATH 220-3 Linear Algebra  
MATH 224-3 Foundations of Modern Mathematics  
MATH 230-3 Linear Differential Equations and Boundary Value Problems

### Recommended

CPSC 101-4 Computer Programming II  
CPSC 242-3 Mathematical Topics for Computer Science

### General Science Requirement

Two of:

BIOL 101-4 Introductory Biology I  
BIOL 102-4 Introductory Biology II  
CHEM 100-3 General Chemistry I  
and CHEM 120-1 General Chemistry Lab I  
CHEM 101-3 General Chemistry II  
and CHEM 121-1 General Chemistry Lab II  
PHYS 100-4 Introduction to Physics I  
or PHYS 110-4\* Introductory Physics I:  
PHYS 111-4\* Introductory Physics II: Waves and Electricity

\*Note: PHYS 110-4 (Introductory Physics I: Mechanics)  
and PHYS 111-4 (Introductory Physics II: Waves and Electricity) are strongly  
recommended for all majors.

### Upper-Division Requirement

300 Level

MATH 302-3 Theory of Metric Spaces  
MATH 320-3 Survey of Algebra  
MATH 336-3 Intermediate Differential Equations  
or MATH 335-3 Numerical Analysis I  
STAT 371-3 Probability and Statistics for Scientists and Engineers  
STAT 372-3 Mathematical Statistics

300 or 400 Level

MATH 326-3 Advanced Linear Algebra  
or MATH 405-3 Topology

400 Level

Twelve additional credit hours of 400-level MATH or STAT courses.

### Elective and Academic Breadth

Elective credit hours as necessary to ensure completion of a minimum  
of 120 credit hours including any additional credit hours necessary to meet  
the Academic Breadth requirement of the University (see Academic  
Regulation 15).

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### Mathematics

*Note that BC Introductory Mathematics 11, Applications of  
Mathematics 11, Essentials of Mathematics 11, Applications  
of Mathematics 12, and Essentials of Mathematics 12 are not  
considered prerequisites for any ~~Mathematics~~ MATH courses as currently  
taught.*

*A student may enroll in any ~~Mathematics~~ MATH course with permission of the Department Chair. Unless otherwise stated, students enrolling in any ~~Mathematics~~ MATH courses with prerequisites are required to have completed all prerequisite courses for that course with a C- or better, or have permission to enroll from the Department Chair.*

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## Statistics

*A student may enroll in any STAT course with permission of the Department Chair. Unless otherwise stated, students enrolling in any STAT courses with prerequisites are required to have completed all prerequisite courses for that course with a C- or better, or have permission to enroll from the Department Chair.*

Motions S-201304.16 and S-201304.17 were dealt with as an omnibus motion.

### **S-201304.16**

#### **Revision to Calendar Description — Northern Collaborative Baccalaureate Nursing Program (Addition of the “Time Lapse Between Clinical Practica” Paragraph)**

Tait

That, on the recommendation of the Senate Committee on Academic Affairs, the addition of the “Time Lapse Between Clinical Practica” paragraph after the “Leave of Absence” paragraph in the Northern Collaborative Baccalaureate Nursing Program, on page 171 of the 2012-2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

### **Leave of Absence**

Students wanting to take a Leave of Absence must apply, in writing, to the Nursing Advisor at the institution that the student is currently attending. Upon approval, students are eligible for up to a one-year Leave of Absence. Students who do not apply for a Leave of Absence will be considered to be out-of-sequence and will lose their priority for registration.

### **Time Lapse Between Clinical Practica**

Students who are out of clinical practice in a Nursing education program for more than 18 months will be assessed to determine what clinical practice remediation is needed. This may include repeating clinical courses taken previously, regardless of whether the student successfully completed the course.

Students reapplying to the program after a leave of over 18 months will need to be re-evaluated as to the level at which they will need to re-enter the program.

### **S-201304.17**

#### **Revision to Calendar Description — Northern Collaborative Baccalaureate Nursing Program Section Under the “Undergraduate Programs of Study”**

Tait

That, on the recommendation of the Senate Committee on Academic Affairs, the change to the calendar description for the Northern Collaborative Baccalaureate Nursing Program section under the “Undergraduate Programs of Study,” on page 169 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: May 2013

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]):

## Undergraduate Programs of Study

UNBC offers the following programs:

- **Northern Collaborative Baccalaureate Nursing Program** (NCBNP) is offered collaboratively between UNBC, the College of New Caledonia (CNC), and Northwest Community College (NWCC), providing entry into the nursing profession. The integrated program of studies leads to a Bachelor of Science in Nursing (BScN), awarded by UNBC. Graduates are eligible to write the ~~Canadian Registered Nurse Examination~~ National Council Licensure Examination (NCLEX-RN) and to apply for registration with the College of Registered Nurses of British Columbia (CRNBC) after passing the exam.
- **Post-Diploma Baccalaureate Nursing Program** for registered nurses is offered by UNBC. Acknowledging the previous learning of post-RNs, the program is organized to expand and update knowledge and skills for nursing practice. Students have the opportunity to focus in one area of practice. Successful completion of the program leads to a BScN.

### **S-201304.18**

#### **Changes to Program Requirements — BSc Honours - Psychology**

Tait

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the change(s) to the BSc Honours - Psychology requirements, on page 181 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: May 2013

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]):

## BSc Honours – Psychology

Honours students are required to complete 122 credit hours. Students must successfully complete the ~~56~~ **53** credit hours for the Psychology BSc program, ~~54~~ **57** credit hours of electives and 12 credit hours from the courses listed below.

PSYC 490-3 Honours Thesis I

PSYC 495-3 Honours Thesis II

PSYC 497-3 Senior Seminar

and one additional 400-level Psychology course.

Each student must complete a thesis ~~project~~ [PSYC 490-3 (Honours Thesis I), PSYC 495-3 (Honours Thesis II)] under the supervision of a faculty member. ~~Admission Entry~~ to the Honours Program takes place after the end of the second year (i.e., upon completion of 60 credit hours) and requires a minimum Cumulative GPA of 3.33. Attaining the minimum requirement does not guarantee ~~admission entry~~ to the Honours Program, which will be at the discretion of the Department.

To remain in the Honours Program students must maintain a minimum Cumulative GPA of 3.33 to be calculated at the end of each semester as well as receive no grade lower than a C+ in any course after ~~admittance~~ entry to the Honours Program.

The minimum requirement for completion of a BSc Honours - Psychology is 122 credit hours.

**S-201304.19**

**Approval of Memorandum of Agreement Between North Island College and the University of Northern British Columbia**

Whitcombe

That, on the recommendation of the Senate Committee on Academic Policy and Planning, the Memorandum of Agreement between North Island College and the University of Northern British Columbia be approved as proposed.

Effective date: September 2013

CARRIED.

**“For Information” Items:**

**SCAAF201304.04**

**Changes to Course Prerequisite — ANTH 213-3**

Casperson

That the change to the course prerequisite for ANTH 213-3 Peoples and Cultures, on page 189 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: May 2013

CARRIED (consent agenda).

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

This course examines the diversity of human cultures and languages through the comparison of contemporary societies, and patterns of social organization.

Precluded: ANTH-101

Students cannot receive credit for the course being described and the course(s) listed as Precluded

Restrictions: ~~May not be enrolled as the following Classifications: First year~~

**SCAAF201304.19**

**Changes to Calendar Description — COMM 763-12**

Casperson

That the change(s) to the calendar description for COMM 763-12 Master's Thesis, on page 107 of the 2012/2013 Graduate Calendar, be approved as proposed.

Effective date: September 2013

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]):

**COMM 763 – 12 Master's Thesis**

Designed and executed by the student, the MSc thesis involves an original empirical investigation in the chosen specialized area of business administration.

*Prerequisites:* ~~COMM 661, COMM 662, and COMM 760~~

**SCAAF201304.05**

**Changes to Course Title and Calendar Description — FNST 203-3**

Casperson

That the change(s) to the course title and calendar description for FNST 203-3 Introduction to Traditional Environmental Knowledge, on page 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 203-3 Introduction to Traditional ~~Environmental~~ Ecological Knowledge

Designed for students with an interest in ~~First Nations~~ traditional ~~environmental~~ ecological knowledge, (TEK). ~~Students will develop research, writing and communication skills. The interdisciplinary course combines theory and practices from TEK literature, cultural ecology, ethnoscience and international development literature. Students will learn a particular TEK of particular interest to First Nations in Northern British Columbia. This course takes an experiential approach to Indigenous ecological practices in British Columbia and beyond. Students explore and apply Indigenous ecological knowledge introduced through literature, discussion, and visits by local knowledge holders.~~

**SCAAF201304.06**

**Changes to Course Title and Calendar Description — FNST 233-3**

Casperson

That the change(s) to the course title and calendar description for FNST 233-3 Carrier Language: Level 3, on page 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 233 – Carrier Dakelh Language: Level 3

This course focuses on the development of speaking and understanding ~~of the Carrier Dakelh~~ language, and including reading and writing skills, at the ~~Intermediate~~ level.

**SCAAF201304.07**

**Changes to Course Title and Calendar Description — FNST 234-3**

Casperson

That the change(s) to the course title and calendar description for FNST 234-3 Carrier Language: Level 4 (Advanced Intermediate), on page 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 234 – Carrier Dakelh Language: Level 4 (Advanced Intermediate)

This course focuses on the development of speaking and understanding ~~of the Carrier Dakelh~~ language, including and reading and writing skills, at the ~~Intermediate~~ level 4 (advanced intermediate).



**SCAAF201304.08**

**Changes to Calendar Description — FNST 235-3**

Casperson

That the change(s) to the calendar description for FNST 235-3 Haisla Language (X\_a'islak'ala): Level 3, on page 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 235 - Haisla Language (X\_a'islak'ala): Level 3

This course focuses on the development of speaking and understanding of the X\_a'islak'ala language, including ~~and~~ reading and writing skills, at the intermediate level.

**SCAAF201304.09**

**Changes to Calendar Description — FNST 236-3**

Casperson

That the change(s) to the calendar description for FNST 236-3 Haisla Language (X\_a'islak'ala): Level 4 (Advanced Intermediate), on page 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 236 - Haisla Language (X\_a'islak'ala): Level 4 (Advanced Intermediate)

This course focuses on the development of speaking and understanding of the X\_a'islak'ala language, including ~~and~~ reading and writing skills, at the intermediate level 4 (advanced Intermediate).

**SCAAF201304.10**

**Changes to Calendar Description — FNST 237-3**

Casperson

That the change(s) to the calendar description for FNST 237-3 Ts'msyen Language (Sm'algyax): Level 3, on page 234 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED (consent agenda).

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

FNST 237 – ~~Ts'mshian~~ Ts'msyen Language (Sm'algyax): Level 3

This course focuses on the development of speaking and understanding of Sm'algyax, including ~~and~~ reading and writing skills, at the intermediate level.

**SCAAF201304.11**

**Changes to Calendar Description — FNST 238-3**

Casperson

That the change(s) to the calendar description for FNST 238-3 Ts'msyen Language (Sm'algyax): Level 4 (Advanced Intermediate), on page 234 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

FNST 238 - ~~Tsimshian~~ Ts'msyen Language: Level 4 (Advanced Intermediate)  
This course focuses on the development of speaking and understanding of Sm'algyax, including and-reading and writing skills, at the-Intermediate level 4 (advanced intermediate).

**SCAAF201304.12**

**Changes to Course Title and Calendar Description — FNST 304-3**

Casperson

That the change(s) to the the course title and calendar description for FNST 304-3 First Nations Environmental Philosophy and Knowledge, on page 235 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

FNST 304 - ~~First Nations~~ Indigenous Environmental Philosophy ~~and Knowledge~~

~~A seminar on the knowledge and attitudes about the environment in First Nations cultures. First Nations representatives will participate in the seminar, exploring Indigenous philosophy, knowledge, contemporary issues and perspectives, this interdisciplinary course draws on literature from fields such as traditional ecological knowledge (TEK), cultural ecology, ethnoscience, and international development. Students develop research, writing and communication skills.~~

**SCAAF201304.21**

**Changes to Calendar Descriptions — FNST 240-3, FNST 244-3, FNST 246-3**

Casperson

That the change(s) to the calendar descriptions for Level 4 language courses FNST 240-3, 244-3, and 246-3, on pages 232 and 233 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

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]):

FNST 240 - Nisga'a Language: Level 4

This course focuses on the development of speaking and understanding ~~of~~ the Nisga'a language, including reading and writing skills, at level 4 (advanced intermediate). Materials studied ~~will~~ include modern texts as well as tapes of Elders.

FNST 244

This course provides advanced study of the conversational and written elements of Gitksanimx, at level 4 (advanced intermediate).

FNST 246

This course focuses on the development of speaking and understanding the Tsilhqot'in language, including reading and writing skills at level 4 (advanced intermediate).

### **SCAPP201303.09**

#### **Changes to Course Prerequisite — STAT 471-3**

Casperson

That the changes to the course prerequisite for STAT 471-3 Linear Models, on page 281 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

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]):

#### **STAT 471 - Linear Models**

This course discusses the estimation of parameters in the multiple linear regression model by the least-squares method. Topics covered include the statistical properties of the least-squares estimators, the Gauss-Markov theorem, estimates of residual and regression sums of squares, distribution theory under normality of the observations, assessment of normality, variance stabilizing transformations, examination of multicollinearity, variable selection methods, logistic regression for a binary response-, log-linear models for count data, and generalized linear models.

#### **Prerequisites:**

One of ~~the following~~: MATH 150-3 or MATH 220-3; and one of ECON 205-3, MATH 240-3, MATH 371-3, PSYC 315-4, STAT 240-3 or STAT 371-3

**Precluded:** MATH 671-3, MATH 499-3 Regression

### **SCAPP201303.10**

#### **Changes to Course Prerequisite — STAT 473-3**

Casperson

That the changes to the course prerequisite for STAT 473-3 Experimental Design and Analysis, on page 281 of the 2012/2013 undergraduate calendar, be approved as proposed.

Effective date: Immediately upon approval by Senate

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]):

#### **STAT 473 - Experimental Design and Analysis**

This course discusses experimental designs and analyses. Topics covered include basic principles and guidelines for designing experiments, simple comparative designs, single factor, analysis of variance, block designs, factorial designs, response surface methods and designs, nested and split plot designs, and the analysis of covariance.

#### **Prerequisites:**

One of ~~the following~~: MATH 150-3 or MATH 220-3; and one of MATH 240-3, MATH 371-3, ECON 205-3, PSYC 315-4, STAT 240-3, or STAT 371-3

#### **Precluded:**

MATH 473-3, MATH 499-3 Design of Experiments

**S-201304.20****Changes to the Admissions Section in the Northern Collaborative Baccalaureate Nursing Program**

Zahir

That, on the recommendation of the Senate Committee on Admissions and Degrees, the changes to the Admissions section in the Northern Collaborative Baccalaureate Nursing Program, on page 172 of the 2012-2013 undergraduate calendar, be approved as proposed.

Effective date: September 2013

CARRIED.

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

~~Applicants from BC and Yukon secondary schools must:~~

- ~~• meet UNBC admission requirements, and~~
- ~~• have completed the following courses with a minimum C+ (65%) in each course:~~
  - ~~— one of Foundations of Mathematics 11, Pre-calculus 11, or Principles of Math 11~~
  - ~~— Chemistry 11~~
  - ~~— English 12~~
- ~~• have completed Biology 12 with a minimum B (73%) within 5 years prior to the semester of admission to the NCBNP~~

~~Other a~~Applicants must:

- meet UNBC admission requirements, and
- have completed the equivalent of the following BC secondary school courses with a minimum C+ (67%) (~~65%~~) in each course:
  - one of Foundations of Mathematics 11, Pre-calculus 11, or Principles of Math 11
  - Chemistry 11
  - English 12
- have completed the equivalent of Biology 12 with a minimum B (73%) within 5 years prior to the semester of admission to the NCBNP

**S-201304.21****Changes to the Section “Admission from Secondary Schools and CEGEP in Other Canadian Provinces”**

Zahir

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

Effective date: January 2013

CARRIED.

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

Alberta, the Northwest Territories and Nunavut

Successful completion of an academic grade 12 program that leads to graduation and

includes at least five courses with an overall 65% average selected from:

English Language Arts 30-1

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

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

Saskatchewan

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

English A30 and B30

Math A30, or B30, or C30 or Pre-Calculus 30

at least three additional courses numbered 30 selected from the following subjects: Biology 30, Calculus 30, Chemistry 30, Computer Science 30, Economics 30, Français A30 or B30, French 30, Geography 30, Geology 30, German 30, History 30, Latin 30, Law 30, Mandarin 30, Mathematics 30, Native Studies 30, Physics 30, Psychology 30, Social Studies 30, Spanish 30, Ukrainian 30, Ukrainian Language Arts 30

additional acceptable courses necessary to graduate

Manitoba

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

- English 40S or 40U (One of Comprehensive Focus, Literary Focus or Transactional Focus)

- three or more of the additional courses should be selected from the following: Biology 40S, Chemistry 40S, Computer Science 40S, Français 40S, Geography 40S, History 40S, Language 40S,

Law 40S, Mathematics 40S, Native Canadian Languages 40S, Physics 40S, Pre Calculus 40S, Social Science 40S/World Issues 40S, Western Civilization 40S

- one additional course from above or another area at the 40A (advanced), 40G (general), or 40S (specialized) level and any further work necessary to graduate

## Ontario

Successful completion of the Ontario Secondary School Diploma (OSSD), or equivalent, including five Grade 12 U or 4U/4M U/C courses with an overall 65% average including:

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

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

[http://www.unbc.ca/calendar/undergraduate/admissions/high\\_school.html](http://www.unbc.ca/calendar/undergraduate/admissions/high_school.html)

### S-201304.22

#### **Changes to the Section “Admission Requirements by Degree Groups”**

Zahir

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

Effective date: January 2013

CARRIED.

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

## Admission Requirements by Degree Groups

Bachelor of Arts	Bachelor of Fine Arts  see program regulations	Bachelor of Commerce	Bachelor of Planning & Bachelor of Science	Nursing**** see program regulations	Bachelor of Health Sciences  see program regulations	Environmental Engineering see program regulations
English 12**	English 12**	English 12**	English 12**	English 12**	English 12**	English 12**
	Portfolio			Foundations of Mathematics 11 or Pre-calculus 11 or	Pre-calculus 11 or Principles of Mathematics 11 (65% minimum) Chemistry 11 or	Principles of Mathematics 12 or Pre-Calculus 12

				Principles of Mathematics 11 (65% 67% minimum) Chemistry 11 or equivalent (65% 67% minimum)	equivalent (65% minimum)	
Three Approved Grade 12 Courses*	Three Approved Grade 12 Courses*	Three Approved Grade 12 Courses* <u>Pre-Calculus 12 recommended for prerequisite purposes</u>	Three Approved Grade 12 Courses* <u>Pre-Calculus 12 recommended for prerequisite purposes</u>	Biology 12 (73% minimum) within 5 years prior to the semester of admission to the NCBNP  Two other approved* Grade 12 courses	Biology 12 (65% minimum)  Two other approved* Grade 12 Courses  Biomedical Studies† <u>see program regulations</u>  <u>Pre-Calculus 12 recommended for prerequisite purposes</u>	Two provincially examinable Science 12 courses: Chemistry 12 Physics 12 (recommended)  Chemistry 11 <u>see program regulations</u>
A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***	A fifth Grade 12 course***
Minimum admission average 65%	Minimum admission average 67%	Minimum admission average 65%	Minimum admission average 65%	Minimum admission average 65% 67%	Minimum admission average 65%	Minimum admission average 75%

\* **Approved Grade 12 Courses:** Applications of Mathematics, BC First Nations Studies, Biology, Calculus, Chemistry, Comparative Civilizations, Economics, English Literature, Français, Français Langue Seconde-Immersion, French, German, Geography, Geology, History, Japanese, Latin, Law, Mandarin, Math Foundations, Physics, Pre-Calculus, Principles of Mathematics, Punjabi, Social Justice, Spanish, Sustainable Resources, Technical and Professional Communications, Writing.

**Approved Advanced Placement Courses:** AP Biology (General), AP Calculus AB or BC, AP Chemistry, AP Computer Science A or AB, AP English Language and Composition, AP English Literature and Composition, AP Environmental Science, AP European History, AP French, AP German, AP History of Art, AP Human Geography, AP Latin, AP Microeconomics/Macroeconomics, AP Music Theory, AP Physics B and/or Physics C, AP Psychology, AP Spanish Literature, AP Spanish Language, AP Statistics, AP United States History, AP US Government & Politics, AP World History.

**Approved International Baccalaureate Courses:** IB Biology, IB Business Management, IB Chemistry, IB Computer Science, IB Economics, IB English Language A, IB Environmental Systems, IB French Language A and/or French Language B, IB Geography, IB German, IB Greek, IB History, IB History - Asian, IB History - European, ~~IB Islamic History~~, IB History and Culture of the Islamic World, IB Latin, IB Mathematics, IB Further Mathematics, IB Music, IB Philosophy, IB Physics, IB Psychology, IB Social and Cultural Anthropology, IB Spanish A and/or Spanish B.

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

\*\* Approved AP and IB (all standard level and higher level) courses can be used in place of any approved Grade 12 Canadian high school course.

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

\*\*\*\* **Admission Average:** For all provinces the best grade for each required course will be used (either the course mark or the course mark blended with the provincial exam).

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

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

**Note:** Table excludes ~~second-year entry~~ to upper division (Social Work) or post-baccalaureate (Education) professional programs.

### 9.3 Senate Committee on Scholarships and Bursaries

Owen

#### **"For Information" Items:**

##### **SCSB20130227.03**

##### **New Terms and Conditions — Health Sciences Graduate Scholarship**

Casperson

That the new Terms and Conditions for the Health Sciences Graduate Scholarship be approved.

Effective date: 2013-2014 Academic Year

CARRIED (consent agenda).

##### **SCSB20130227.04**

##### **New Terms and Conditions — Prince George Business & Professional Women's Club Award**

Casperson

That the new Terms and Conditions for the Prince George Business & Professional Women's Club Award be approved.

Effective date: 2013-2014 Academic Year

CARRIED (consent agenda).

##### **SCSB20130320.03**

##### **New Terms and Conditions — Alumni Graduate Studies Award**

Casperson

That the new Terms and Conditions for the Alumni Graduate Studies Award be approved.

Effective date: 2013-2014 Academic Year

CARRIED (consent agenda).

##### **SCSB20130320.05**

##### **Approval of Inaugural UNBC Northern Exposure Award Recipient**

Casperson

To approve the inaugural UNBC Northern Exposure Award to Lukas Bosch.

Effective date: September 2013

CARRIED (consent agenda).

##### **SCSB20130227.07**

##### **Approval of Annual Report to Senate**

Casperson

That the SCSB Annual Report be approved.

Effective date: February 2013

CARRIED (consent agenda).



**S-201304.23****Revisions to Senate Handbook — Consent Agenda**

Whitcombe

That, on the recommendation of the Steering Committee of Senate, the Senate Handbook be revised to reflect the changes to Sections 3(u)(i) (Order of Agenda) and 3(bb)(vii)(d) (Conduct of Meetings) in relation to the Consent Agenda, as proposed.

Effective date: Immediately upon approval by Senate

CARRIED.

**“For Approval” Items:****S-201304.24****Membership Changes to Senate (no material)**

Murray

That, on the recommendation of the Senate Committee on Nominations, and barring further nominations from the floor of Senate, the following candidates, who have met all eligibility requirements to serve on Senate, be elected to Senate in accordance with Section 3(q)(i) of the Senate Handbook.

Effective date: Immediately upon approval by Senate

**SENATE POSITION TO BE FILLED*****(except as otherwise noted, all terms begin April 1, 2013)*****CANDIDATE**

Regional Senator — Peace River-Liard Region (until March 31, 2016)

Moira Green

There were no further nominations from the floor and the motion was CARRIED.

**S-201304.25****Membership Changes to Senate Committees (no material)**

Whitcombe

That, on the recommendation of the Senate Committee on Nominations, and barring further nominations from the floor of Senate, the following candidates, who have met all eligibility requirements to serve on Senate committees as indicated, be appointed as proposed.

Effective date: Immediately upon approval by Senate

**SENATE COMMITTEE POSITION TO BE FILLED*****(except as otherwise noted, all terms begin immediately)*****CANDIDATE****Steering Committee of Senate**

Faculty Senator (until March 31, 2016)

Student Senator (until March 31, 2014)

Kuo-Hsing Kuo

Kirk Walker

**Senate Committee on Nominations**

Student Senator (until March 31, 2014)

Anthony Daniele

**Senate Committee on Academic Appeals**

Graduate Student Senator (until March 31, 2014)

Undergraduate Student Senator (until March 31, 2014)

Student Senator (Aboriginal if possible) (until March 31, 2014)

Lay Senator (until March 31, 2016)

Kirk Walker

Daniel Burke

Julian Brown

Lisa Handfield

**Senate Committee on Admissions and Degrees**

Graduate Student (until March 31, 2014)

Undergraduate Student (until March 31, 2014)

Anthony Daniele

Isabelle Legault

**Senate Committee on Academic Affairs**

Faculty Senator (until March 31, 2015)

Faculty Senator (until March 31, 2016)

Faculty Senator (until March 31, 2016)

Elie Korkmaz

Paul Siakaluk

Kuo-Hsing Kuo

Faculty Senator (until March 31, 2015)	Todd Whitcombe
Faculty Member — CASHS (until March 31, 2016)	Sherry Beaumont
Faculty Member — CSAM (until March 31, 2015)	Pranesh Kumar
Faculty Member — Regional (until March 31, 2014)	Blanca Schorcht
Graduate Student — CASHS (until March 31, 2014)	Jeff Kormos
Graduate Student — CSAM (until March 31, 2014)	Titi Kunkel
Undergraduate Student — CASHS (until March 31, 2014)	Darren de Vries
Undergraduate Student — CSAM (until March 31, 2014)	Melissa Nitz
Regional Senator (until March 31, 2014)	Moira Green

**SCAAF Continuing Studies Credit Committee**

Undergraduate Student (until March 31, 2014)	Kirsten Reimer
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**Senate Committee on First Nations and Aboriginal Peoples**

First Nations Representative — Affiliated First Nations Institution (PG Nechako Aboriginal Employment & Training Association - PGNAETA) (until March 31, 2016)	Karin Hunt
First Nations Representative — Member at Large (Babine Lake) (until March 31, 2016)	Nancy James
Full-Time Aboriginal Student (until March 31, 2014)	Corbin Greening
Aboriginal Lay Senator or Aboriginal Regional Senator (until March 31, 2016)	Cristian Silva

**Senate Committee on Honorary Degrees and Other Forms of Special Recognition**

Student Senator (until March 31, 2014)	Melissa Nitz
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**Senate Committee on Regional Policy and Inter-Institutional Relations**

Faculty Member (CASHS) (until March 31, 2016)	Dee Horne
Student Senator (until March 31, 2014)	Darren de Vries
Regional Senator (until March 31, 2016)	Moira Green

**Senate Committee on Scholarships and Bursaries**

Graduate Student (until March 31, 2014)	Erica Henderson
Undergraduate Student (until March 31, 2014)	Isabelle Legault
Student Senator (until March 31, 2014)	Anthony Daniele

**Senate Committee on the University Budget**

Faculty Member — Professional Program (until March 31, 2015)	Dr. John Curry
Graduate Student (until March 31, 2014)	Kirk Walker
Undergraduate Student (until March 31, 2014)	Julian Brown
Student Senator (until March 31, 2014)	Daniel Burke

**Senate Committee on Student Discipline Appeals**

Faculty Senator — CSAM (until March 31, 2016)	Rick Tallman
Graduate Student (until March 31, 2014)	Jeff Kormos
Undergraduate Student (until March 31, 2014)	Kirsten Reimer
First Nations Student (until March 31, 2014)	Julian Brown
Administrative Staff Member (to March 31, 2016)	Robert Giardino

Senator Zahir called for further nominations from the floor, and there were none. The motion was CARRIED.

**“For Information” Items:**

**Student Senators elected to Senate for positions beginning April 1, 2013:**

Undergraduate Student Senator	Julian Brown
Undergraduate Student Senator	Daniel Burke
Undergraduate Student Senator	Darren deVries
Undergraduate Student Senator	Isabelle Legault
Undergraduate Student Senator	Melissa Nitz
Undergraduate Student Senator	Kirsten Reimer
Graduate Student Senator	Anthony Daniele

**10.0 Other Business**

A Senator commented that there are University policies calling for action by Senate committees in which the committees are referred to by their old names, and asked whether the policies would be revised to reflect the current Senate committee names. Dr. Dale and Mr. Hanschen responded in the affirmative and added that these policies are slowly being updated.

**11.0 Information**

There were no items for information.

**12.0 S-201304.26  
Move to In Camera Session**

Tait  
That the meeting move In Camera.  
CARRIED.

**13.0 S-201304.30  
Adjournment**

Whitcombe  
That the Senate meeting be adjourned.  
CARRIED.

The meeting ended at 4:45 p.m.