

**SENATE MEETING  
OPEN SESSION  
MINUTES**

May 26, 2021  
3:30 – 5:30 PM  
Zoom Only

**Present:** J. Allen, B. Annear (Secretary of Senate), R. Budde, L. Chen, C. Claassens, R. Camp II, M. Dale, B. Deo, D. Desai, Abby Dooks, K. Fredj, T. Fuson (non-voting), M. Gehloff, N. Hanlon, L. Haslett, H. Harder (non-voting), C. Hofsink, C. Ho Youngusband, P. Jackson, H. Kazemian, J. King, T. Klassen-Ross, A. Kranz, K. Lewis, D. Nyce, C. Onabola, A. Palmer, A. Parent (Recording Secretary), L. Parent (Vice-Chair), G. Payne (Chair), K. Rennie, D. Roberts, L. Roldan- Flores (non-voting), A. Schinkel, P. Siakaluk (non-voting), K. Stathers, L. Troc, S. Wagner, M. Wels-Lopez, E. Wilson, J. Zhou, S. Zogas

**Regrets:** A. Aravind, J. Bankole, A. Constantin, D. Gilchrist, B. Greenall, D. Huber, A. Mitchell, A. Sommerfeld (non-voting), P. Winwood (non-voting)

The meeting commenced at 3:30p.m.

The Chair reported that the Call for Nominations for Faculty Senators (terms starting April 1, 2021) remains open for the following positions:

Faculty Member – Faculty of Indigenous Studies, Social Sciences and Humanities	Vacant	3/31/2023
Faculty Member at Large	Vacant	3/31/2024
Faculty Member at Large	Vacant	3/31/2024

**1.0 Acknowledgement of Territory**

The Chair acknowledged that the Senate meeting was on the traditional territory of the Lheidli T'enneh. Other Senate members acknowledged the ancestral and traditional territories of their location.

**2.0 S-202105.01  
Approval of the Agenda**

Kazemian

That the agenda for the May 26, 2021 Open Session of Senate be approved as presented.

CARRIED

**3.0 Presentation - Update from Facilities**

David Claus, Director, Facilities & Capital Planning gave a presentation on UNBC Renovations that have occurred in the last year or are on going.

**4.0 Approval of the Minutes**

**S-202105.02  
Approval of the Minutes**

Hanlon

That the Minutes for the April 28, 2021 Open Session of Senate be approved as presented.

**5.0 Business Arising**

**6.0 President's Report**

**Payne**

**The President provided an update on UNBC's response to Coronavirus and B.C's Restart Plan.**

The President reported that because of Senate's resolution to strike a UNBC Arts Governance Working Group, a call will be going out from this at his for members to sit on this committee. It has been discussed at President's Executive Council and UNBC is committed to moving forward with Art Governance.

The President reported that the first meeting for the hiring committee for the Director of Equity Affairs has occurred and UNBC will moving ahead to hopefully fill this position by the fall.

The President reported that funding has been secured and we will be moving forward with the Black, Indigenous and People of Colour Counseling position for students on campus.

The President reported that he has continued discussions with the Acting Superintendent SD57 and they continue to share ideas on improving the mental health of students.

**7.0 Report of the Provost**

**Dale**

The Provost provided an update on the 2021 fall semester. A Town Hall will be held on June 3 t to discuss our return-to-campus plan at UNBC.

The Provost reported that the offer for the University Librarian has been accepted and is now pending Board approval.

**8.0 Report of the Registrar**

**Annear**

The Registrar reported on applications and registration numbers for the fall and indicated that the fall schedule will be available in June.

The Registrar thanked faculty and staff in the Registrar's Office for submitting grades and completing end of term processes in timely manner.

The Registrar reported that the Associate Registrar, Darcy Smereka will be leaving his position in mid-June and thanked him for his service to UNBC.

**9.0 Question Period**

**9.1 Written questions submitted in advance**

None.

**9.2 Questions from the floor**

**10.0 Approval of Motions on the Consent Agenda**

**Payne**

**S-202105.03**

**Approval of Motions on the Consent Agenda**

Hanlon

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

CARRIED

**11.0 Committee Reports**

## 11.1 Senate Committee on Appeals

Klassen-Ross

No report.

## 11.2 Senate Committee on Academic Affairs

Dale

### For Approval Items:

#### S-202105.04

##### **Course Reactivation – COMM 637**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the reactivation of COMM 637-3 Research in Human Resources Management/Organization Behaviour 1 be approved as proposed.

Effective Date: September 2021

CARRIED on the Consent agenda

#### S-202105.05

##### **Course Reactivation – COMM 638**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the reactivation of COMM 638-3 Research in Human Resources Management/Organization Behaviour 2 be approved as proposed.

Effective Date: September 2021

CARRIED on the Consent agenda

#### S-202105.06

##### **Course Reactivation – COMM 639**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the reactivation of COMM 639-3 Research in Human Resources Management/Organization Behaviour 3 be approved as proposed.

Effective Date: September 2021

CARRIED on the Consent agenda

#### S-202105.07

##### **New Course Approval – GEOG 315**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the new course (GEOG 315-3 Earth's Critical Zone) be approved as follows:

**Proposed semester of first offering:** January 2023

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]):

**This course examines the Earth's critical zone, which is a dynamic and evolving system that encompasses the region of the Earth where rocks, soils, and groundwater interact with living organisms and lower atmospheric conditions to regulate life on the planet. Processes and pathways linking** climatology, hydrology, soil science, ecology, and geomorphology are examined and used to evaluate natural and anthropogenic impacts (land use change, resource development, climate change) which regulate and modify conditions in the critical zone.

#### S-202105.08

##### **Change(s) to Pre-requisites – GEOG 310**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the pre-requisites for GEOG 310-3 Hydrology 234 (in the print / PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.  
Effective date: September 2021  
CARRIED on the 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]):

**GEOG 310-3 Hydrology** This course is an introduction to physical hydrology. It examines the components of the hydrological cycle, and investigates the processes of water movement and storage in the environment.

Prerequisites: STAT 240-3 and one of ENSC 201-3 or GEOG 210-3 and ~~STAT 240-3~~, or permission of the instructor

Precluded: NREM 410-3

#### **S-202105.09**

#### **Change(s) to Program Requirements – Geography BSc**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the program requirements for the Geography BSc on pages 134-135 (in the print / PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

## **Geography Program (BSc)**

### **Major in Geography**

This degree focuses on geography as an earth science, with introductions to biology, chemistry, mathematics and physics, followed by upper-level courses in climatology, hydrology, geomorphology, soils and weathering, and geomatics. This combination enables the understanding of the interactions between the atmosphere, lithosphere, hydrosphere and biosphere, aided by the use of statistical techniques, mapping, remote sensing and geographic information systems. Courses will develop applied field and technical skills for associated career paths.

Undergraduate students are required to take a minimum of ~~44~~ 13 Geography courses (~~34~~ 37 credit hours). Of these courses, a minimum of ~~five~~ six must be upper division. Students are required to take a minimum of 24 credit hours of ~~e~~Elective ~~s~~Science ~~c~~ourses, of which 15 credit hours must be upper division. ~~\_in order to successfully complete degree requirements.~~ Additional electives, as necessary, are required to ensure the completion of a minimum of 120 credit hours.

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

## **Program Requirements**

### **Lower-Division Requirement**

#### **100 Level**

BIOL 104-3 Introductory Biology II  
BIOL 124-1 Introductory Biology II Laboratory  
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  
GEOG 101-3 Planet Earth  
GEOG 102-3 Earth from Above  
MATH 100-3 Calculus I  
    or MATH 152-3 Calculus for Non-majors  
PHYS 100-4 Introduction to Physics I  
    or PHYS 110-4 Introductory Physics I: Mechanics

#### **200 Level**

ENSC 201-3 Weather and Climate  
FSTY 205-3 Introduction to Soil Science  
GEOG 200-3 British Columbia: People and Places  
GEOG 204-3 Introduction to GIS  
    or GEOG 205-3 Cartography and Geomatics  
GEOG 210-3 Introduction to Earth Science  
GEOG 211-3 Natural Hazards: Human and Environmental Dimensions  
GEOG 212-1 Earth Science Careers  
GEOG 250-3 Introduction to Geospatial Analysis  
    or ENSC 250-2 Introduction to Environmental Data Analysis  
STAT 240-3 Basic Statistics

### **Upper Division Requirement**

#### **300 Level**

GEOG 300-3 Intermediate GIS  
GEOG 310-3 Hydrology  
GEOG 311-3 Drainage Basin Geomorphology  
~~GEOG 312-3 Geomorphology of Cold Regions~~  
GEOG 315-3 Critical Zones  
GEOG 357-3 Introduction to Remote Sensing

Two of the following:

ENSC 307-3 Introduction to Geochemistry  
ENSC 312-3 Biometeorology  
ENSC 325-3 Soil Physical Processes and the Environment  
    or FSTY 415-3 Forest Soils  
    or FSTY 425-3 Soil Formation and Classification

GEOG 320-3 Sedimentology

## GEOG 333-3 Geography Field School

### **400 Level**

Three of the following:

- ~~ENSC 425-3 Climate Change and Global Warming~~
- GEOG 405-3 Fluvial Geomorphology
- GEOG 411-3 Quaternary and Surficial Geology
- GEOG 413-3 Advanced GIS
- GEOG 416-3 Mountains
- GEOG 430-(3-6) Undergraduate Thesis
- GEOG 450-3 Advanced Geospatial Analysis
- GEOG 457-3 Advanced Remote Sensing
- GEOG 498-(1-3) Special Topics
- GEOG 499-(3-6) Independent Studies

### **Elective Requirement**

#### **Science Electives**

Nine credit hours of Science electives at any level and ~~fifteen~~ 15 credit hours of Science electives at the 300 or 400 level.

#### **Elective Science Courses**

All courses allowed in: Astronomy (ASTR), Biology (BIOL), Chemistry (CHEM), Civil Engineering (CIVE), Computer Science (CPSC), Engineering (ENGR), Environmental Science (ENSC), Environmental Engineering (ENVE), Forestry (FSTY), Health and Human Sciences (HHSC), Mathematics (MATH), Natural Resources and Ecosystem Management (NREM), Physics (PHYS), and Statistics (STAT)

#### **Anthropology**

- ANTH 100-3 Archaeological and Biological Approaches
- ANTH 200-3 Biological Anthropology
- ANTH 205-3 Introduction to Archaeology
- ANTH 220-3 Introduction to Primatology
- ANTH 301-3 Archaeological Lab Methods
- ANTH 311-3 Anthropology of Food, Drink & Health
- ANTH 312-3 Human Adaptability and Environmental Stress
- ANTH 320-3 Biology of Circumpolar Peoples
- ANTH 420-3 Races, Racism and Human Biology

#### **Biology**

~~All courses allowed~~

#### **Chemistry**

~~All courses allowed~~

#### **Computer Science**

~~All courses allowed~~

## **Environmental Planning**

ENPL 305-3 Environmental Impact Assessment

## **Environmental Science**

The following courses are allowed:

~~ENGR 350-3 Fluid Mechanics~~

~~ENGR 451-3 Groundwater Hydrology~~

~~ENSC 202-3 Introduction to Aquatic Systems~~

~~ENSC 308-3 Northern Contaminated Environments~~

~~ENSC 312-3 Biometeorology~~

~~ENSC 404-3 Waste Management~~

~~ENSC 406-3 Environmental Modelling~~

~~ENSC 408-3 Storms~~

~~ENSC 412-3 Air Pollution~~

~~ENSC 418-3 Environmental Measurement and Analysis~~

~~ENSC 425-3 Climate Change and Global Warming~~

~~ENSC 450-3 Geophysical Data Analysis~~

~~ENSC 452-3 Reclamation and Remediation of Disturbed Environments~~

~~ENSC 454-3 Snow and Ice~~

## **Forestry**

All courses allowed

## **Geography**

The following courses are allowed:

~~GEOG 320-3 Sedimentology~~

~~GEOG 204-3 Introduction to GIS~~

~~GEOG 205-3 Cartography and Geomatics~~

~~GEOG 250-3 Introduction to Spatial Analysis~~

~~GEOG 333-3 Geography Field School~~

~~GEOG 405-3 Fluvial Geomorphology~~

~~GEOG 411-3 Quaternary and Surficial Geology~~

~~GEOG 413-3 Advanced GIS~~

~~GEOG 416-3 Mountains~~

~~GEOG 450-3 Advanced Geospatial Analysis~~

~~GEOG 457-3 Advanced Remote Sensing~~

## **Math**

All courses allowed

## **Natural Resources Management**

The following courses are allowed:

~~NREM 100-3 Field Skills~~

~~NREM 101-3 Introduction to Natural Resources Management and Conservation~~

~~NREM 203-3 Resource Inventories and Measurement~~

~~NREM 204-3 Introduction to Wildlife and Fisheries~~

~~NREM 210-3 Integrated Resource Management~~

~~NREM 333-3 Field Applications in Resource Management~~

## Physics

All courses allowed

### **S-202105.10**

#### **Change(s) to Program Requirements – Physical Geography BSc Honours**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the proposed program requirements for the new program BSc Honours – Physical Geography in the 2021/22 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

### **BSc Honours – Physical Geography**

A BSc Honours in Physical Geography provides students with the opportunity to complete independent research. It is encouraged for students who are considering a postgraduate degree. In addition to the BSc Physical Geography degree requirements, Honours students must complete an undergraduate thesis chosen from GEOG 430-6 (Undergraduate Thesis), or NRES 430-6 (Undergraduate Thesis). The undergraduate thesis must be conducted under the supervision of a faculty member.

The minimum requirement for a BSc Honours degree in Geography is 126 credit hours. Students are responsible to find their own undergraduate thesis research supervisor. However, faculty members are under no obligation to supervise Honours students. To be admitted to the Honours degree program, students must have completed 60 credit hours and obtained a minimum Cumulative GPA of 3.33. Attaining the minimum requirement does not guarantee admission into the Honours program, which is at the discretion of the Geography Program (contact the Program Chair for details). Maintenance of a Cumulative GPA of 3.33 is required to remain in the Honours program.

### **S-202105.11**

#### **Change(s) to Program Requirements – Minor in Geomorphology/Minor Physical Geography**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the requirements for the Minor in Geomorphology and the Minor in Physical Geography on page 135 and page 136, respectively (in the print / PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

### **Minor in Geomorphology**

A minor in Geomorphology is appropriate for students who wish to obtain a level of competence in the history of Earth's landscapes, surface processes, and environmental change. The minor consists of key courses which, when taken together, provide a degree



of proficiency in a field that is actively sought after by environmental consulting firms and government agencies.

A maximum of two courses (~~six~~ 6 credit hours) used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in Geomorphology.

The minimum requirement for the completion of the minor in Geomorphology is 18 credit hours.

### **Requirements**

GEOG 210-3 Introduction to Earth Science

GEOG 311-3 Drainage Basin Geomorphology

Four of the following:

FSTY 205-3 Introduction to Soil Science  
or FSTY 425-3 Soil Formation and Classification

GEOG 300-3 Intermediate GIS  
or GEOG 357-3 Introduction to Remote Sensing  
or GEOG 413-3 Advanced GIS

GEOG 310-3 Hydrology  
~~GEOG 312-3 Geomorphology of Cold Regions~~  
GEOG 315-3 Earth's Critical Zone  
GEOG 405-3 Fluvial Geomorphology  
GEOG 411-3 Quaternary and Surficial Geology

### **Minor in Physical Geography**

A minor in Physical Geography is appropriate for students who seek a broad-based exposure to earth and environmental sciences. Prospective teachers, human geographers, and government agency and environmental consulting employees ~~will~~ find the study of Earth's processes and the natural environment beneficial to their future careers. The minor consists of a group of courses which, when taken together, provide a degree of proficiency in Physical Geography.

A maximum of two courses (~~six~~ 6 credit hours) used to fulfill program requirements for a major or another minor may also be used to fulfill requirements for a minor in Physical Geography.

The minimum requirement for the completion of the minor in Physical Geography is 18 credit hours.

### **Requirements**

ENSC 201-3 Weather and Climate

FSTY 205-3 Introduction to Soil Science

GEOG 210-3 Introduction to Earth Science

Three of the following:\*

ENSC 312-3 Biometeorology  
or ENSC 408-3 Storms  
GEOG 300-3 Intermediate GIS  
or GEOG 357-3 Introduction to Remote Sensing

or GEOG 413-3 Advanced GIS  
GEOG 310-3 Hydrology  
or GEOG 405-3 Fluvial Geomorphology  
GEOG 311-3 Drainage Basin Geomorphology  
~~GEOG 312-3 Geomorphology of Cold Regions~~  
GEOG 315-3 Earth's Critical Zone  
GEOG 411-3 Quaternary and Surficial Geology

~~\*Note: Courses used to fulfill requirements for a major or another minor may not be used to fulfill this requirement. Where students have the three required courses included in their major, they shall take four of the alternatives from the above list.~~

#### **S-202105.12**

#### **Change(s) to Calendar – Minor in Earth Science**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for the minor in Earth Science, on page 113 (in the print or PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

#### Minor in Earth Sciences

**The Earth Sciences minor provides depth in areas of earth science that support natural resource management. Students are required to complete 18 credit hours (12 of which must be at the 300- or 400-level) chosen from the following lists, with at least one course from each of the first three groups. Students may use a maximum of two upper-division courses (6 credit hours) ~~used~~ to fulfill the requirements for a major or another minor. Students must ensure that all prerequisites are fulfilled prior to registering in any course.**

**NOTE: Some upper-division courses may be taught in alternate years; students should consider this when planning their course sequences.**

#### Hydrology

ENGR 451-3 Groundwater Hydrology  
ENSC 202-3 Introduction to Aquatic Systems  
ENSC 454-3 Snow and Ice  
GEOG 310-3 Hydrology

#### Geomorphology

GEOG 311-3 Drainage Basin Geomorphology  
~~GEOG 320-3 Sedimentology~~  
GEOG 405-3 Fluvial Geomorphology  
GEOG 411-3 Quaternary and Surficial Geology  
GEOG 416-3 Mountains

#### Soil Science

ENSC 325-3 Soil Physical Processes and the Environment  
ENSC 435-3 Soil Biological Processes and the Environment  
FSTY 415-3 Forest Soil Management  
FSTY 425-3 Soil Formation and Classification

**Other**

- ENSC 307-3 Introduction to Geochemistry
- ENSC 425-3 Climate Change and Global Warming
- GEOG 315-3 Earth's Critical Zone
- GEOG 357-3 Introduction to Remote Sensing
- GEOG 413-3 Advanced GIS
- GEOG 457-3 Advanced Remote Sensing

Page 82 **S-202105.13**

**Change(s) to Calendar – Geography BSc**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the following change(s) to the Geography BSc degree program on pages 134-135 (in the print / PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

**Areas of Specialization**

In order to increase the breadth and utility of their degree, and to demonstrate an interest in a particular sub-discipline, students are encouraged to complete an Area of Specialization (normally 12 credit hours) during their degree, which can be chosen from the following list:

1. Air
2. Water
3. Earth
4. Soil Science
5. Ecogeography
6. Geospatial Science

Courses used to fulfill the requirements for the BSc Geography major (excluding the science electives) cannot be used to fulfill the requirement of the selected Area of Specialization. Students who are considering an Area of Specialization are strongly encouraged to talk to an advisor early in their second year in order to ensure that the pre-requisites are met for upper-division courses.

**Air**

A specialization in Air provides a deeper understanding of atmospheric processes near Earth's surface that govern the development of weather systems, regulate climate, and are implicit in environmental challenges such as climate change and air pollution.

Choose four of the following:

- ENSC 312-3 Biometeorology
- ENSC 408-3 Storms
- ENSC 412-3 Air Pollution

ENSC 425-3 Climate Change and Global Warming  
ENSC 450-3 Environmental and Geophysical Data Analysis  
ENSC 454-3 Snow and Ice

## **Water**

Water and water resources represent an important component of physical geography. The Water specialization provides students with courses that develop key competencies in water science.

Choose four of the following:

BIOL 302-3 Limnology  
ENGR 451-3 Groundwater Hydrology  
ENSC 202-3 Aquatic Systems  
ENSC 450-3 Environmental and Geophysical Data Analysis  
ENSC 454-3 Snow and Ice  
GEOG 405-3 Fluvial Geomorphology

## **Earth**

The Earth specialization provides foundational knowledge about the Earth's materials, processes and resources, and examines key challenges such as energy and resource availability, geological hazards, and environmental sustainability.

Choose four of the following:

ENSC 307-3 Introduction to Geochemistry  
ENSC 325-3 Soil Physical Processes and the Environment  
GEOG 333-3 Geography Field School  
GEOG 405-3 Fluvial Geomorphology  
GEOG 411-3 Quaternary and Surficial Geology  
GEOG 416-3 Mountains

## **Soil Science**

The Soil Science specialization focuses on the physical, chemical and biological processes which regulate the formation, maintenance, and restoration of the Earth's range of soils.

Choose four of the following:

ENGR 451-3 Groundwater Hydrology  
ENSC 325-3 Soil Physical Processes and the Environment  
ENSC 404-3 Waste Management  
ENSC 435-3 Soil Biological Processes and the Environment  
ENSC 452-3 Reclamation and Remediation of Disturbed Environments  
FSTY 415-3 Forest Soils  
FSTY 425-3 Soil Formation and Classification  
GEOG 411-3 Quaternary and Surficial Geology

## **Ecogeography**

The Ecogeography specialization combines elements of physical geography with a selection of theory- and methods-based ecology courses.

BIOL 201-3 Ecology

BIOL 325-3 Ecological Analysis

Choose two of the following:

BIOL 333-3 Field School

BIOL 404-3 Plant Ecology

BIOL 410-3 Population and Community Ecology

BIOL 411-3 Conservation Biology

## **Geospatial Science**

A specialization in Geospatial Science provides students with theoretical and practical skills necessary to analyze and visualize large geospatial datasets, and to solve geophysical problems with code-based solutions.

Choose four of the following:

ENPL 303-3 Spatial Planning with Geographical Information Systems (GIS)

ENSC 450-3 Environmental and Geophysical Data Analysis

GEOG 250-3 Introduction to Geospatial Analysis\*

GEOG 413-3 Advanced GIS

GEOG 450-3 Advanced Geospatial Analysis

GEOG 457-3 Advanced Remote Sensing

\*Students who choose GEOG 250-3 to meet the requirements of this specialization must take ENSC 250-2 to meet the requirements for the BSc Major.

### **S-202105.14**

#### **Course Deletion – GEOG 312**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for GEOG 312-3, on page 234 (in the print or PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the Consent agenda

### **S-202105.15**

#### **Course Deletion – GEOG 320**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for GEOG 320-3, on page 234 (in the print or PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the Consent agenda

An executive summary from the School of Nursing was included in the meeting package.

Motions S-202105.16 to .17 were moved as an omnibus motion.

### **S-202105.16**

#### **Change(s) to English Language Requirement**

Chen

That on the recommendation of the Senate Committee on Academic Affairs, the change to the English Language Requirement for the Northern Baccalaureate Nursing Program, in the 2020-2021 online undergraduate calendar, be approved as proposed.

Effective date: September 2021

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]):

### **English Language Requirement**

Applicants whose first language is not English, regardless of citizenship or country of origin, must submit evidence of English language proficiency prior to admission. For the NBNP, either an IELTS (International English Language Testing System) Academic, or a CELBAN (Canadian English Language Benchmark Assessment for Nurses) with current, valid results and minimum scores as set by the British Columbia College of Nurses and Midwives (BCCNM) for the year of admission is required.

Applicants who have completed 60 credit hours at recognized post-secondary institutions where English is the language of instruction, and who also have completed a university-level English course with a final grade of 75% (B) or better, may be exempt from this requirement.

#### **S-202105.17**

##### **Change(s) to Calendar**

Chen

That on the recommendation of the Senate Committee on Academic Affairs, the change to the Required Pre-Admission Courses in the Admission section of the Northern Baccalaureate Nursing Program (NBNP), on page 164 of the 2020-2021 PDF undergraduate calendar, be approved as proposed.

Effective date: September 2021

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

### **Required Pre-Admission Courses**

Students must have a minimum grade of B- in the following university-level courses.

Students may not use a course in more than one category to satisfy the requirements:

- Human Anatomy and Physiology (6 credits), which must include a laboratory component;
- Microbiology (3 credits);
- Statistics (3 credits);
- Social Sciences (3 credits);
- English (3 credits);
- Indigenous Studies (3 credits);
- Psychology (3 credits).

Note: Human Anatomy and Physiology, and Microbiology ~~and~~ ~~Statistics~~ courses must be completed within five years prior to the semester of admission. All other courses must normally be completed within 10 years prior to the semester of admission.

#### **S-202105.18**

##### **Change(s) to Course Description – NURS 330**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 330-4 Extended Clinical Practicum II, on page 255 of the 2020-2021 PDF undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

**NURS 330-4 Extended Clinical Practicum II** This course provides the opportunity for consolidated clinical nursing practice with clients who have multiple health care needs. Previous clinical practice experience is considered when determining placement. The practicum occurs in various health care settings in northern British Columbia. ~~Thirty-six hours of structured nursing laboratory practice~~ Students must successfully complete NURS 328-(1, 2) (2 credit hours) and NURS 329-1 and NURS 329-1 must be successfully completed no more than eight months prior to undertaking before the student undertakes NURS 330-4. Lab hours must be approved by a lab instructor.

*Prerequisites:* NURS 329-1

*Precluded:* NURS 320-5

**S-202105.19**

**Change(s) to Course Preclusions – NURS 458**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change to the preclusions for NURS 458-6 Remote Nursing Certified Practice, on page 258 of the 2020/2021 PDF undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

**NURS 458-6 Remote Nursing Certified Practice** This course focuses on Remote Nursing Certified Practice competencies. Topics include history and physical assessment, advanced clinical reasoning, informed judgment and pharmacotherapeutics for the management of specified common and predictable health conditions, and dispensary management and medication dispensing functions. Content and course evaluation are based on a body-systems approach and incorporate the ~~BCCNP~~ NNPBC Decision Support Tools for Remote Nursing Certified Practice. A mandatory extended workshop focusing on nursing practice in remote communities is included. Upon successful completion, students may apply for Remote Nursing Practice Certification through ~~BCCNP~~ BCCNM.

*Major Restriction:* Restricted to the Rural Nursing Certificate Program or Post-Diploma BScN students only, and by permission of the Chair

*Precluded:* NRS 421-8, NURS 451-3, NURS 459-3, NURS 461-8, NURS 498-3 when offered as Remote Nursing Clinical Reasoning

**S-202105.20**

**Change(s) to Course Prerequisites – NURS 459**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the change to the prerequisites for NURS 459-3 Remote Nursing Clinical Reasoning, on page 258 of the 2020/2021 PDF undergraduate calendar, be approved as proposed.

Effective date: September 2021

CARRIED on the 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]):

**NURS 459-3 Remote Nursing Clinical Reasoning** This course expands on the knowledge and skills obtained from NURS 451-3 and prepares students to safely utilize the BCCNP NNPBC Decision Support Tools for RN Remote Certified Practice. Students conduct age developmentally appropriate comprehensive health histories and physical examinations, identify health concerns and risks, and make informed clinical judgments. Topics include history and physical assessment, advanced clinical reasoning, informed judgment, and pharmacotherapeutics for the management of specified common and predictable health conditions.

*Prerequisites:* Completed within 36 months with a grade of B+ or better: NRS 421-8 or NURS 451-3 or NURS 461-8

*Major Restriction:* Restricted to the Rural Nursing Certificate Program or Post-Diploma BScN students only, or by permission of the Chair

*Precluded:* NURS 458-6, NURS 498-3 when offered as Remote Nursing Clinical Reasoning

**S-202105.21**

**Course Reactivation – PHYS 390**

Hanlon

That on the recommendation of the Senate Committee on Academic Affairs, the reactivation of PHYS 390 Advanced Physics Laboratory and changes to the course description be approved as proposed.

Effective Date: September 2021

CARRIED on the Consent agenda

**11.3 Steering Committee of Senate**

**Payne**

**11.4 Senate Committee on Nominations**

**For Approval Items:**

**S-202105.22 Recommendation of Senate Committee Members to Senate**

Classens

That, 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: May 26, 2021

CARRIED

**SENATE COMMITTEE POSITION TO BE FILLED**

(except as otherwise noted, all terms begin immediately)

**CANDIDATE**

**SENATE COMMITTEE ON NOMINATIONS**

Faculty Senator (03/31/2024)

Neil Hanlon

**SENATE COMMITTEE ON ACADEMIC AFFAIRS**

Faculty Member (03/31/2024)

Gwen Keeler

**SENATE COMMITTEE ON STUDENT APPEALS**



**11.5 Senate Committee on Curriculum and Calendar****Annear****11.6 Senate Committee on Admissions and Degrees****Annear****For Approval Items:****S-202105.23****Change(s) to Admission Requirements – Economics**

Hanlon

That the change(s) to the admission requirements for the Economics program (page 26 of the 2020-2021 undergraduate calendar) be approved as proposed.

Effective date: January 2021

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]):

Economics                      Pre-calculus 12 (~~67%~~ 60%)

An executive summary from the School of Education (SoE) Master of Education was included in the meeting package.

**S-202105.24**

Ho Younghusband

**Change(s) to the Calendar – Admissions Deadline, M.Ed.**

That the Start Date and Applications for Admissions Deadline Date be approved as proposed.

Effective date: July 2022

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]):

<b>Degree (Alphabetical by subject)</b>	<b>September</b>	<b>January</b>	<b>May</b>
Education (MEd—Counselling Specialization)	December 15	<del>no intake no intake</del>	<del>no intake no intake</del>
Education (MEd—Multidisciplinary Leadership Specialization)	December 15**	December 15**	December 15**
Education (MEd—Special Education Specialization)	December 15	no intake	no intake
Education (MEd Exceptionality Education Specialization)			<u>December 15****</u>
Education (MEd Transformational Leadership: People, Place, and Land Specialization)			<u>December 15****</u>

**S-202105.25****Change(s) to the Calendar – Graduate Admission**

Ho Younghusband

That the change(s) to the Admission to Master's Degrees section (page 22 of the 2020-2021 graduate academic calendar) be approved as proposed.

Effective date: September 2021

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]):

### 1.3 Admission to Master's Degrees

- 1.3.1 In general, an acceptable academic standing will be a four-year (120 credit hours) Baccalaureate degree (or equivalent) from a recognized institution.
- 1.3.2 Grade point average of at least 3.00 (B) in the work of the last 60 credit hours (approximately the last two years). A Baccalaureate degree is required for entry. The minimum GPA of 3.00 (B) is based on the UNBC 4.33 scale. The GPA from sending institutions will be assessed and converted to the UNBC scale when being considered for admission. If the applicant has a Master's or PhD, the GPA is assessed on the complete degree. **Note: Higher entrance standards than those outlined in this section may be set by individual programs.** Courses used in the calculation of the admission grade point average cannot be used as credit toward a graduate degree program.
- 1.3.3 A faculty member who wishes to supervise an applicant who has a four-year (120 credit hours) Baccalaureate degree (or equivalent) that does not meet the GPA requirements stated above and who obtains the recommendation of the appropriate program must have approval from the Vice Provost Student Recruitment or designate who admits the applicant. The applicant must have significant formal training and relevant professional experience to offset such GPA deficiencies.
- 1.3.4 Evidence is required, in the form of three letters of reference that are submitted directly to the Office of the Registrar from qualified referees, of the student's ability to undertake advanced work in the area of interest.

**11.7 Senate Committee on First Nations and Aboriginal Peoples**

**Harder**

No report.

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

**Payne**

No report.

**11.9 Senate Committee on Scholarships and Bursaries**

**Lewis**

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

**SCSB20210421.03** (approved)

**Female Athletes in STEM Scholarship**

That the new Terms and Conditions for the Female Athletes in STEM Scholarship be approved.

Effective Date: 2021-2022 Academic Year

**SCSB20210421.04** (approved)

**Resource Connector North Bursary (<https://www.resourceconnector.ca/>)**

That the new Terms and Conditions for the Resource Connector North Bursary be approved.  
Effective Date: 2021-2022 Academic Year

**11.10 Senate Committee on University Budget**

Deo

No report.

**12.0 Information**

**12.1** Report of Harassment and Discrimination at UNBC dated April 29, 2021

The report was included in the meeting package.

**13.0 Other Business**

**14.0 S-202105.26  
Move to the Closed Session**

Palmer

That the meeting move to Close Session.

CARRIED

**15.0 S-202105.34  
Adjournment**

Gehloff

That the Senate meeting be adjourned.

CARRIED

The meeting adjourned at 4:32 p.m.