

SENATE MEETING PUBLIC SESSION AGENDA

March 27, 2019
3:30 – 5:30 PM

Senate Chambers (Room 1079 Charles J McCaffray Hall)

1.0 Acknowledgement of Territory

2.0 **S-201903.01**

Approval of the Agenda †

Page 1

That the agenda for the March 27, 2019 Public Session of Senate be approved as presented.

† **NOTE:** *The Senate Agenda for the public session consists of two parts, a consent agenda and a regular agenda. The consent agenda contains items that are deemed to be routine or noncontroversial and are approved by the Steering Committee of Senate for placement on that agenda. Any Senator wishing to discuss any item on the consent agenda may ask the Chair of Senate that the item be removed from the consent agenda and placed on the regular agenda. Items removed from the consent agenda will be placed on the regular agenda and dealt with in the order in which they appear on the full agenda. Senators wishing to ask a question regarding an item on the consent agenda, without necessarily removing that item from the consent agenda, are strongly encouraged to direct questions to the Secretary of Senate in advance of the meeting.*

3.0 **S-201903.02**

Approval of Senate Minutes

Page 10

That the minutes of the February, 2019 Public Session of Senate be approved as presented.

4.0 Business Arising

4.1 Status on how best to attract Regional Senators

Dr. Dale

Page 19

4.2 Principles of Graduate Supervision (for information)

5.0 President's Report (none)

6.0 Report of the Provost (5 minutes)

7.0 Report of the Registrar (3 minutes)

Mr. Annear

8.0 Question Period (10 minutes)

8.1 Written questions submitted in advance

8.2 Questions from the floor

9.0 **S-201903.03**

Approval of Motions on the Consent Agenda

Ms. Hirsh-Pearson

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

10.0 Committee Reports

10.1 Senate Committee on Academic Affairs (10 minutes)

Dr. Ryan

“For Approval” Items:

Regular

S-201903.04

New Degree Approval – Geography/Political Science

That, on the recommendation of the Senate Committee on Academic Affairs, the new joint BA degree in Geography/Political Science be approved as proposed.

Page 21

Proposed Start Date: September 2019

Regular

S-201903.05

Change(s) to Program Description and Requirements – Anthropology and Geography

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the description and requirements for the Joint Major in Anthropology and Geography (BA), on page 60 of the 2018/2019 undergraduate calendar, be approved as proposed.

Page 26

Effective date: September 2019

Page 32

Executive Summary – Proposed Motions for the Geography BSc Degree and Geography BSc Courses

Regular

S-201903.06

New Course Approval – GEOG 250-0

That, on the recommendation of the Senate Committee on Academic Affairs, the new course GEOG 250-3 Introduction to Geospatial Analysis be approved as follows:

Page 34

Proposed semester of first offering: September 2019

Regular

S-201903.07

New Course Approval – GEOG 416-3

That, on the recommendation of the Senate Committee on Academic Affairs, the new course GEOG 416-3 Mountains approved as follows:

Page 38

Proposed semester of first offering: September 2019

Regular

S-201903.08

New Course Approval – GEOG 616-3

That, on the recommendation of the Senate Committee on Academic Affairs, the new course GEOG 616-3 Mountains approved as follows:

Page 43

Proposed semester of first offering: September 2019

Regular

S-201903.09

New Course Approval – GEOG 450-3

That, on the recommendation of the Senate Committee on Academic Affairs, the new course GEOG-450 Advanced Geospatial Analysis be approved as follows:

Page 47

Proposed semester of first offering: September 2019

Regular

S-201903.10

New Course Approval – GEOG 650-3

That, on the recommendation of the Senate Committee on Academic Affairs, the new course GEOG-650 Advanced Geospatial Analysis be approved as follows:

Page 51

Proposed semester of first offering: September 2019

Page 55

Library Forms for Course Approvals

Regular

S-201903.11

Course Deletion – GEOG 414-3

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for GEOG 414-3, on page 245 (in the [print](#) or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

Page 60

Effective date: September 2019

Regular

S-201903.12

Course Deletion – GEOG 614-3

That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for GEOG 614-3, on page 119 (in the [print](#) or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

Page 62

Effective date: September 2019

- Regular **S-201903.13**
Course Deletion – GEOG 632-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the calendar entry for GEOG 632-3, on page 119 (in the [print](#) or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.
 Page 64 Effective date: September 2019
- Consent **S-201903.14**
Change(s) to Course Number and Title – GEOG 111-1
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the course number and course title for GEOG 111-1 Theory and Practice of Physical Geography, on page 242 (in the [print](#) or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.
 Page 66 Effective date: September 2019
- Consent **S-201903.15**
Change(s) to Course Number and Title – GEOG 432-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the course number and course title for GEOG 432-3 Remote Sensing, on page 245 (in the [print](#) / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.
 Page 68 Effective date: September 2019
- Consent **S-201903.16**
Change(s) to Course Prerequisites – GEOG 457-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the prerequisites for GEOG 457-3 Advanced Remote Sensing, on page 245 (in the [print](#) / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.
 Page 71 Effective date: September 2019
- Consent **S-201903.17**
Change(s) to Course Prerequisites – GEOG 657-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the prerequisites for GEOG 657-3 Advanced Remote Sensing, on page 119 (in the [print](#) / PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.
 Page 73 Effective date: September 2019
- Regular **S-201903.18**
Change(s) to Program Requirements – Geography BSc
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the program requirements for the Geography BSc on pages 132-133 (in the [print](#) / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.
 Page 75 Effective date: September 2019
- Regular **S-201903.19**
Change(s) to Program Requirements – BAsc Civil Engineering
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the year one program requirements for the BAsc in Civil Engineering (page 6 of the New Academic Program Proposal for Civil and Environmental Engineering Degree approved by Senate April 27, 2016) be approved as proposed.
 Page 79 Effective date: September 2019
- Regular **S-201903.20**
Change(s) to Program Requirements – BAsc Environmental Engineering
 That, on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the year one program requirements for the BAsc in Environmental Engineering (page 8 of the New Academic Program Proposal for Civil and Environmental Engineering Degree approved by Senate April 27, 2016) be approved as proposed.
 Page 82 Effective date: September 2019

- Regular **S-201903.21**
New Course Approval – ENGR 130
 That, on the recommendation of the Senate Committee on Academic Affairs, the new course (ENGR 130-4 Mechanics of Materials) be approved as follows.
 Proposed semester of first offering: January 2020
 Page 85
- Consent **S-201903.22**
Change(s) to Course Prerequisites – ENGR 110-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 110-3 Technical Writing, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 89
- Consent **S-201903.23**
Change(s) to Course Prerequisites – ENGR 117-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 117-3 Engineering Design I, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 91
- Consent **S-201903.24**
Change(s) to Course Prerequisites – ENGR 151-1
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 151-1 Engineering Tools I, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 93
- Consent **S-201903.25**
Change(s) to Course Prerequisites – ENGR 152-1
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 152-1 Engineering Tools II, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 95
- Consent **S-201903.26**
Change(s) to Course Prerequisites – ENGR 210-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 210-3 Material and Energy Balances, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 97
- Consent **S-201903.27**
Change(s) to Course Prerequisites – ENGR 217-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 217-3 Engineering Design II, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 99
- Consent **S-201903.28**
Change(s) to Course Prerequisites – ENGR 220-3
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course prerequisite for ENGR 220-3 Engineering Chemistry, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.
 Effective date: April 2019
 Page 101
- Regular **S-201903.29**
New Specialization – IDIS
 That, on the recommendation of the Senate Committee on Academic Affairs, the new IDIS Specialization in Métis and Canadian Studies be approved as proposed.
 Proposed Start Date: September 2019
 Page 103
- Page 107 Executive Summary – BScN

- Regular **S-201903.30**
Change(s) to Course Description – NURS 317
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 317-5 Nursing Theory and Practice: Maternity, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 108
- Regular **S-201903.31**
Change(s) to Course Description – NURS 318
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 318-5 Nursing Theory and Practice: Pediatrics, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 110
- Regular **S-201903.32**
Change(s) to Course Description – NURS 323
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 323-5 Nursing Theory and Practice: Older Adult, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 112
- Regular **S-201903.33**
Change(s) to Course Description – NURS 326
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 326-5 Nursing Theory and Practice: Mental Health, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 114
- Regular **S-201903.34**
Change(s) to Course Description – NURS 328
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 328-1 Nursing Laboratory, on page 268 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 116
- Regular **S-201903.35**
Change(s) to Academic Performance – NURS 328
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the Academic Performance paragraph, on page 164 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 118
- Regular **S-201903.36**
Change(s) to Program Requirements – NCBNP
 That, on the recommendation of the Senate Committee on Academic Affairs, the change to the Program Requirements section of the NCBNP, on page 166 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 120

10.2 Senate Committee on Admissions and Degrees (5 minutes)

Mr. Annear

“For Approval” Items:

- Regular **S-201903.37**
Change(s) to Admission Requirements – Nursing
 That, on the recommendation of the Senate Committee on Admissions and Degrees, the change to the Admission section of the NCBNP, on page 165 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.
 Effective date: September 2019
 Page 126
- Regular **S-201903.38**

Change(s) to Admission – Visiting Research Student

That, on the recommendation of the Senate Committee on Admissions and Degrees, the change(s) to section 1.10 Admission as a Visiting Research Student on page 24 of the 2018-2019 graduate calendar be approved as proposed.

Page 128 Effective date: September 2019

Regular **S-201903.39**

Change(s) to Calendar - Undergraduate Conferral Dates

That, on the recommendation of the Senate Committee on Admissions and Degrees, the Amendment to Academic Regulation 33 Graduation Constraints on page 37 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

Page 130 Effective date: September 2019

Regular **S-201903.40**

Change(s) to Calendar - Graduate Conferral Dates

That, on the recommendation of the Senate Committee on Admissions and Degrees, the Amendment to Academic Regulation 13 Graduation on page 42 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

Page 134 Effective date: September 2019

10.3 Senate Committee on Scholarships and Bursaries (5 minutes)

Mr. Annear

“For Approval” Items:

Regular **S-201903.41**

Graduate Entrance Research Scholarship

That, on the recommendation of the Senate Committee on Scholarships and Bursaries, the new Terms and Conditions for the Graduate Entrance Research Scholarship (GERS) be approved.

Page 137 Effective Date: 2019-2020 Academic Year

Regular **S-201903.42**

Dissolution Terms and Conditions for GES & GERA

That, on the recommendation of the Senate Committee on Scholarships and Bursaries to dissolve the Graduate Entrance Scholarship (GES) and Graduate Entrance Research Award (GERA).

Page 139 Effective Date: 2019-2020 Academic Year

“For Information” Items:

SCSB 20190227.03 (approved)

New Lieutenant Governor’s Medal Program for Inclusion, Democracy & Reconciliation

That the Awards Guide Description for the Lieutenant Governor’s Medal Program for Inclusion, Democracy and Reconciliation be approved.

Page 142 Effective Date: 2018-2019 Academic Year

SCSB 20190227.04

Revised Beta Sigma Phi Bursary

That the revised Terms and Conditions for the Beta Sigma Phi Bursary be approved.

Page 148 Effective Date: 2019-2020 Academic Year

10.4 Senate Committee on First Nations and Aboriginal Peoples (no material)

Dr. Ryan

10.5 Senate Committee on University Budget (10 minutes)

10.5.1 2019/20 Budget Update

Ms. Daigle

10.6 Senate Committee on Honourary Degrees and Special Forms of Recognition (no material)

10.7 Senate Committee on Nominations (10 minutes)

Dr. Casperson

“For Approval” Items:

S-201903.43

Recommendation of Senate Committee Members to Senate

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

Effective date: April 1, 2019

SENATE COMMITTEE POSITION TO BE FILLED

CANDIDATE

STEERING COMMITTEE OF SENATE

Student — Undergraduate (03/31/2020)

Ethan Fredeen

SENATE COMMITTEE ON NOMINATIONS

Student Senator (03/31/2020)

Vacant

SENATE COMMITTEE ON ACADEMIC APPEALS

Faculty Member – Professional Programs (03/31/2022)

Graduate Student Senator (03/31/2020)

Undergraduate Student Senator (03/31/2020)

Student Senator (03/31/2020)

Lay Senator (03/31/2021)

Vacant

Kristen Hirsh-Pearson

Laura Parent

Helga Holler-Busch

Vacant

SENATE COMMITTEE ON ADMISSIONS AND DEGREES

Faculty Member — CASHS (03/31/2021)

Faculty Member – Professional Programs (03/31/2022)

Graduate Student (03/31/2020)

Undergraduate Student Senator (03/31/2020)

Vacant

Vacant

Megan Noble

Helga Holler-Busch

SENATE COMMITTEE ON ACADEMIC AFFAIRS

Faculty Senator (03/31/2021)

Faculty Member – Regional (03/31/2022)

Graduate Student – CASHS (03/31/2020)

Graduate Student – CSAM (03/31/2020)

Undergraduate Student – CASHS (03/31/2020)

Undergraduate Student – CSAM (03/31/2020)

Regional Senator (03/31/2021)

Vacant

Titi Kunkel

Ceyanna Meroniuk

Richard Foo

Vacant

Vacant

Vacant

SCAAF SUBCOMMITTEE ON ACADEMIC SCHEDULING

Undergraduate Student Senator (03/31/2020)

Professional Program Faculty Rep (03/31/2020)

Undergraduate Student (03/31/2020)

Graduate Student (03/31/2020)

Laura Parent

Vacant

Vacant

Ceyanna Meroniuk

SENATE COMMITTEE ON FIRST NATIONS AND ABORIGINAL PEOPLES

Aboriginal Graduate Student (03/31/2020)

Aboriginal Undergraduate Student (03/31/2020)

Aboriginal Regional Senator or Aboriginal Lay Senator (03/31/2020)

Paneena Sara-Lynn Harding

Garfield Staats

Vacant

SENATE COMMITTEE ON HONORARY DEGREES AND OTHER FORMS OF SPECIAL RECOGNITION

Student Senator (03/31/2020)

Kristen Hirsh-Pearson

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES

Faculty Senator — CASHS (03/31/2021)

Faculty Senator — CSAM (03/31/2021)

Graduate Student (03/31/2020)

Undergraduate Student (03/31/2020)

Student Senator (03/31/2020)

Vacant

Vacant

Vacant

Steven Horianopoulos

Braeden Van Der Velde

SENATE COMMITTEE ON THE UNIVERSITY BUDGET

Graduate Student (03/31/2020)

Undergraduate Student (03/31/2020)

Student Senator (03/31/2020)

Shane Sienaert

Steven Horianopoulos

Courtney Lawrence

SENATE COMMITTEE ON STUDENT DISCIPLINE APPEALS

Graduate Student (03/31/2020)
Undergraduate Student (03/31/2020)
First Nations Student (03/31/2020)
Administrative Staff Member (03/31/2022)

Vacant
Braeden Van Der Velde
Vacant
Vacant

“For Information” Items:

Student Senators elected to Senate for positions beginning April 1, 2019:

Student — Undergraduate (03/31/2020)	Zack Fleck
Student — Undergraduate (03/31/2020)	Ethan Fredeen
Student — Undergraduate (03/31/2020)	Helga Holler-Busch
Student — Undergraduate (03/31/2020)	Steven Horianopoulos
Student — Undergraduate (03/31/2020)	Laura Parent
Student — Undergraduate (03/31/2020)	Sakshi Satish
Student — Graduate (03/31/2020)	Kristen Hirsh-Person
Student — Graduate (03/31/2020)	Courtney Lawrence
Student — Graduate (03/31/2020)	Ceyanna Meroniuk
Student — Graduate (03/31/2020)	Election Pending

Other Representatives Not Otherwise Elected or Appointed to Senate (non-voting) beginning April 1, 2019:

President, NUGSS (non-voting)	Holly McVea
President, NBCGSS (non-voting)	Election Pending

10.8 Steering Committee of Senate (10 minutes)

“For Approval” Items:

S-201903.44

Informal Mentorship Statement

That, on the recommendation of the Steering Committee of Senate, the Informal Senate Mentorship Statement be approved as proposed.

Page 150 Effective Date: Upon Approval of Senate

S-201903.45

Change(s) to the Senate Handbook - Terms of Office for Elected Members

That, on the recommendation of the Steering Committee of Senate, the changes to the Terms of Office for Elected Members of the Senate in the Senate Handbook be approved as proposed.

Page 154 Effective Date: Upon Approval of Senate

S-201903.46

Change(s) to the Senate Handbook - Eligibility of Student to Be Appointed and Serve

That, on the recommendation of the Steering Committee of Senate, the changes to the Eligibility of Student to Be Appointed and Serve as Student Senators or as Student Representatives on Senate Committees in the Senate Handbook be approved as proposed.

Page 156 Effective Date: Upon Approval of Senate

S-201903.47

Change(s) to the Senate Handbook - Quorum on the Senate

That, on the recommendation of the Steering Committee of Senate, the changes to the Quorum on the Senate in the Senate Handbook be approved as proposed.

Page 158 Effective Date: Upon Approval of Senate

S-201903.48

Change(s) to the Senate Handbook – Terms of Reference SCCC

That, on the recommendation of the Steering Committee of Senate, the terms of reference for the Senate Committee on Curriculum and Calendar be approved as proposed.

Page 159 Effective Date: Upon Approval of Senate

“For Information” Items:

The Steering Committee discussed the Principles for the design of the new Senate Handbook and will be prepared to report on their discussions at the April Senate.

11.0 Information

12.0 Other Business

12.1 Academic Restructuring – Draft Notice of Motion

Page 161 12.2 The impact of Removing the Human and Animal Ethics committee from SCAAF

13.0 S-201903.49 (10 minutes)

Move to In Camera Session

That the meeting move In Camera.

14.0 S-201903.57

Adjournment

That the Senate meeting be adjourned.



Office of the Vice-President, Research & Graduate Programs

MEMORANDUM

TO: Senate
CC:

FROM: Dr. Geoffrey Payne, Vice President Research

DATE: March 21st, 2019

RE: **Principles of Graduate Supervision**

Principles of Graduate Supervision

As highlighted at the February meeting of SCAFF that Vice President Research had asked the Manager of Graduate Programs to assess not only the need for principles of graduate supervision that fit UNBC but also ensure that these principles are in alignment with other graduate programs provincially and nationally as there has been significant change according to our review. Below is the information provided to me by the Manager of Graduate Programs who is engaged in this work.

Graduate Programs is moving forward with establishing policies, procedures and best practices guidelines to clarify the student/supervisor relationship and to provide clear and transparent guidance on mechanisms for conflict resolution to support students, faculty and leadership. We have surveyed practice and policies in place nationally and met with colleagues to prepare us in moving this forward. This information, as well as the national best practices guidelines published by the Canadian Associate of Graduate Studies, will inform the process as we move to bring UNBC into alignment with our colleagues. The intention is to convene a working group that will begin meeting at the end of August/early September to review the requirements we need to enshrine in our policies. The work product from this group will then be sent through the College Councils for review, to SCAAF and on to Senate. We hope to expedite this process as soon as the new academic year begins with the intention of having this in place to support the new Academic structure in January 2020. The working group terms of reference and membership criteria are currently being defined and we will send out a call for participation shortly. It is anticipated that this group will include a representative from the Faculty Association, a faculty member from each of the Colleges, and the Deans. A representative from the student body and other stakeholders will also participate in the working group as needed.

Sincerely,

Dr. Geoffrey Payne
Vice President Research

Motion Number (assigned by
Steering Committee of Senate): S-201903.04

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW ACADEMIC PROGRAM PROPOSAL

Motion: That the new joint BA degree in Geography/Political Sciences be approved as proposed.

A. General Information

Program Title:

Geography/Political Science

Program Objectives:

To provide students with a thorough conceptual and methodological grounding in the study of political and spatial aspects of human activity as examined through the disciplinary lenses of Human Geography and Political Science.

Credential upon Completion of the Program: BA

Program Offering the Degree:

The degree will be offered jointly by Geography and Political Science.

Proposed Start Date: September 2019

Suggested Institutional Priority:

This degree will demonstrate the ability for academic units to work collaboratively and effectively across Colleges/Faculties to provide students with interests in the social sciences greater choice in how they declare a major. The degree draws entirely on existing resources and, as such, involves minimal costs to the university.

Relationship of Proposed Program to the Mandate of the Institution:

The proposed joint major reflects the vision of UNBC as a destination university, its mission to prepare leaders for tomorrow, and the values of experiential discovery and diversity by means of creating new combinations and pathways of social science inquiry.

Implications for the Cooperative Education Option:

No discussions have occurred yet with the Co-op Office, although both programs anticipate that the unique combination of skills will prove attractive as a co-operative opportunity.

Specialties within Program: N/A

Related Programs at Other Institutions: N/A

Relation to Existing Programs:

The proposed program has the potential to enrich both host programs through greater interaction of students and faculty from both disciplines.

Articulation Arrangement: N/A

Consultations with Other Institutions: None

B. Program Description

General Calendar Description:

The minimum requirement for completion of a Bachelor of Arts with a Joint Major in Geography and Political Science is 120 credit hours.

Curriculum:

Program Requirements

Lower-Division Requirement

GEOG 101-3 Planet Earth
or GEOG 102-3 Earth from Above
POLS 100-3: Contemporary Political Issues
POLS 200-3: Canadian Government and Politics
POLS 202-3: Canada in Comparative Perspective
POLS 270-3: Political Philosophy: Antiquity to Early Modernity
POLS 290-3: Research and Writing for Political Science

Four of the following:

GEOG 200-3 British Columbia: People and Places
GEOG 202-3 Resources, Economies, and Sustainability
GEOG 203-3 Canada: Places, Cultures and Identities
GEOG 204-3 Introduction to GIS for the Social Sciences
GEOG 206-3 Social Geography
GEOG 209-3 Migration and Development
GEOG 211-3 Natural Hazards: Human and Environmental Dimensions
GEOG 220-3 World Regions: Latin America and the Caribbean

GEOG 222-3 World Regions: Russia
GEOG 298-3 Special Topics

Upper-Division Requirement

POLS 303-3: Democracy and Democratization
POLS 320-3: Canadian Politics and Policy
POLS 370-3: Political Philosophy: Early Modernity to Post-Modernity

Four of the following:

GEOG 301-3 Cultural Geography
GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making
GEOG 306-3 Critical Development Geographies
GEOG 307-3 Changing Arctic: Human and Environmental Systems
GEOG 308-3 Health Geography
GEOG 324-3 Community-Based Research
GEOG 333-3 Geography Field School

Three of the following:

GEOG 401-3 Tenure, Conflict, and Resource Geography
GEOG 403-3 First Nations and Indigenous Geographies
GEOG 420-3 Environmental Justice
GEOG 424-3 Northern Communities
GEOG 426-3 Geographies of Culture, Rights and Power

Three additional credit hours of POLS courses at the 300 level.

Nine additional credit hours of POLS courses at the 400 level.

Elective Requirement

16 additional courses (48 credit hours) in any subject

C. Need for Program

Enrolment Projections: Approximately 5 students per year, based on other extant joint majors.

Cultural, Social and Economic Needs: N/A

Labour Market Demands: N/A

Other Benefits: Greater choice provided to students, at no additional costs (e.g., no new courses or faculty required) other than perhaps some advising time.

D. Faculty

Faculty list: No new Faculty required. Faculty involved in teaching include any faculty members in GEOG, POLS, and any units involved in offering electives.

Expected Teaching Loads: N/A

Research Funding: N/A

E. Program Delivery

Distance Learning Components: N/A

Class Size and Structure: N/A

Experiential Learning: N/A

F. Program Resources

Administrative Requirements: Slight increase in time of academic advisors.

Operating Requirements: None

Capital Requirements: None

Start-up Costs: None

Special Resource Requirements: None

G. Library Resource Requirements N/A

H. Evaluation

Academic Quality of Program: The proposed degree will be part of GEOG and POLS program reviews.

Methods of Internal Institutional Review: As above.

Relevant External Program Experts: As above.

I. Miscellaneous

Special Features: None

Attachment Pages None

J. Authorization

College: CASHS & CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:13
CASHS.CC.2019.02.21.04

College Council Approval Date: Feb 14, 2019
February 21, 2019

PLEASE COMPLETE AND INCLUDE LIBRARY FORM (WHICH MUST BE SUBMITTED WITH THIS FORM) AND MOTION FORMS ARE NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.03

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓, **or information of** _____ **Senate.**

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the description and requirements for the Joint Major in Anthropology and Geography (BA), on page 60 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019

2. **Rationale for the proposed revisions:**

Geography has made a number of changes to its course offerings, including course deletions and additions. The proposed revisions reflect these calendar changes, as well as a desire to add more choice to the list of GEOG requirement options. Students will have a choice of GEOG 101-3 or GEOG 102-3 (new course) as a 100-level requirement. GEOG 211-3 and GEOG 298-3 are new courses being added to the lower-division 200-level requirement options. Geography is changing the structure of its upper division requirement to require students to choose four courses from a list of 300-level courses and two courses from a list of 400-level options. GEOG 324-3 (new course) and GEOG 333-3 are being added to the list of 300-level upper division requirement options, and GEOG 424-3 and GEOG 426-3 are being added to the list of 400-level requirement options. A course scheduling rotation (with most GEOG courses offered annually, and some on a 2-year rotation) will ensure students can complete their degree requirements in a timely manner. Finally, both host programs have decided to remove the statistics requirement as it was determined that this is not an essential requirement for the degree.

3. **Implications of the changes for other programs, etc., if applicable:**

The Chairs of MATH and ECON have been consulted about the decision to remove the Statistics requirement.

4. **Reproduction of current Calendar entry for the item to be revised:**

Joint Major in Anthropology and Geography (BA)

The minimum requirement for completion of a Bachelor of Arts with a Joint Major in Anthropology and Geography is 120 credit hours.

Program Requirements

Recommendation

ANTH 102-3 Anthropology: A World of Discovery

Students wishing to pursue graduate degrees in Anthropology or Geography are encouraged to take additional anthropology or geography courses up to 90 credit hours.

Lower-Division Requirement

GEOG 101-3 Planet Earth

ANTH 200-3 Biological Anthropology
ANTH 205-3 Introduction to Archaeology
ANTH 213-3 Peoples and Cultures

ECON 205-3 Statistics for Business and the Social Sciences
or STAT 240-3 Basic Statistics

Four of:

GEOG 200-3 British Columbia: People and Places
GEOG 202-3 Resources, Economies, and Sustainability
GEOG 203-3 Canada: Places, Cultures, and Identities
GEOG 204-3 Introduction to GIS for the Social Sciences
GEOG 206-3 Social Geography
GEOG 209-3 Migration and Development
GEOG 220-3 World Regions: Latin America and the Caribbean
GEOG 222-3 World Regions: Russia

Upper-Division Requirement

ANTH 460-3 Anthropology Capstone

One of:

ANTH 300-3 Methods in Social Anthropology
ANTH 301-3 Archaeological Lab Methods
ANTH 310-3 Applied Anthropology
ANTH 312-3 Human Adaptability

One of:

ANTH 315-3 Anthropological Theory
ANTH 325-3 Archaeological Theory

Three Upper-Division Anthropological courses (9 credit hours) excluding ANTH 499:
Independent Study

Six of:

GEOG 301-3 Cultural Geography
GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making
GEOG 306-3 Critical Development Geographies
GEOG 307-3 Changing Arctic: Human and Environmental Systems

GEOG 308-3 Health Geography
GEOG 401-3 Tenure, Conflict, and Resource Geography
GEOG 403-3 First Nations and Indigenous Geographies
GEOG 420-3 Environmental Justice

21 additional credit hours of upper-division courses in any subject.

Elective and Academic Breadth

Elective course 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).

5. Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:

Joint Major in Anthropology and Geography (BA)

The minimum requirement for completion of a Bachelor of Arts with a Joint Major in Anthropology and Geography is 120 credit hours.

Program Requirements

Recommendation

ANTH 102-3 Anthropology: A World of Discovery

~~Students wishing to pursue graduate degrees in Anthropology or Geography are encouraged to take additional anthropology or geography courses up to 90 credit hours.~~

Lower-Division Requirement

~~GEOG 101-3 Planet Earth~~

ANTH 200-3 Biological Anthropology
ANTH 205-3 Introduction to Archaeology
ANTH 213-3 Peoples and Cultures
GEOG 101-3 Planet Earth
or GEOG 102-3 Earth from Above

~~ECON 205-3 Statistics for Business and the Social Sciences~~
~~or STAT 240-3 Basic Statistics~~

Four of the following:

GEOG 200-3 British Columbia: People and Places
GEOG 202-3 Resources, Economies, and Sustainability
GEOG 203-3 Canada: Places, Cultures, and Identities
GEOG 204-3 Introduction to GIS for the Social Sciences
GEOG 206-3 Social Geography
GEOG 209-3 Migration and Development
GEOG 211-3 Natural Hazards: Human and Environmental Dimensions
GEOG 220-3 World Regions: Latin America and the Caribbean
GEOG 222-3 World Regions: Russia
GEOG 298-3 Special Topics

Upper-Division Requirement

ANTH 315-3 Anthropological Theory
or ANTH 325-3 Archaeological Theory
ANTH 460-3 Anthropology Capstone

One of the following:

ANTH 300-3 Methods in Social Anthropology
ANTH 301-3 Archaeological Lab Methods
ANTH 310-3 Applied Anthropology
ANTH 312-3 Human Adaptability

One of:

~~ANTH 315-3 Anthropological Theory~~
~~ANTH 325-3 Archaeological Theory~~

Three ~~Upper-Division~~ upper-division Anthropological courses (9 credit hours) excluding ANTH 499: Independent Study

Six of:

Four of the following:

GEOG 301-3 Cultural Geography
GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making
GEOG 306-3 Critical Development Geographies
GEOG 307-3 Changing Arctic: Human and Environmental Systems
GEOG 308-3 Health Geography
GEOG 324-3 Community-Based Research
GEOG 333-3 Geography Field School

Two of the following:

GEOG 401-3 Tenure, Conflict, and Resource Geography
GEOG 403-3 First Nations and Indigenous Geographies
GEOG 420-3 Environmental Justice
GEOG 424-3 Northern Communities
GEOG 426-3 Geographies of Culture, Rights and Power

21 additional credit hours of upper-division courses in any subject.

Elective and Academic Breadth

Elective course 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).

Students wishing to pursue graduate degrees in Anthropology or Geography are encouraged to choose electives in Anthropology or Geography.

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ANTH/ GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:12
CASHS.CC.2019.02.21.04

College Council Approval Date: FEB 14, 2019
FEB 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: : N/A

7. Other Information

Attachment Pages: 0 pages

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.04

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓ , or information of _____ Senate.

MEMORANDUM

TO: Erik Jensen, Dean of CSAM
FROM: Catherine Nolin, Chair of Geography Program
DATE: January 29, 2019
RE: Proposed Motions for the Geography BSc Degree and Geography BSc Courses

The Geography Program is modifying its BSc degree as well as developing a new geospatial major that incorporates the expertise of newly appointed faculty, Dr. Joseph Shea. The changes will occur in two phases. This package addresses required course changes and first-year degree changes needed to make the degree more nationally competitive. The second phase will bring forward the geospatial major and degree changes after further development and consultation. We are moving forward the changes contained in this package to ensure the new geography courses are included in the 2019/2020 calendar.

The changes presented here delete three courses (GEOG 414/614, and 632), add five new courses (GEOG 250, 416/616, and 450/650), and revise four courses (GEOG 111, 432, and 457/657). Teaching capacity currently exists within the Program to support all the changes.

Therefore, the Geography Program proposes the following thirteen motions.

1. Motion to approve a new course, GEOG 250-3 Introduction to Geospatial Analysis

This new course draws on the expertise of our new faculty member (Shea) in the Geography Program. The course not only fills a gap in the existing major but also provides a gateway into our upcoming Geospatial major by introducing students the means of addressing critical questions about our world in an objective and automated way.

2. Motion to approve a new course, GEOG 416-3 Mountains
3. Motion to approve a new course, GEOG 616-3 Mountains

This new course is meant to replace GEOG 414/614 (Weathering Processes) which has not been offered for last several years due to the retirement of Kevin Hall, and it is being removed from the Calendar (see Motion 6 and 7). This new course GEOG 416/616 would focus on the current areas of interest and expertise in the Geography Program like mountain geomorphology and cryospheric science.

4. Motion to approve a new course, GEOG 450-3 Advanced Geospatial Analysis
5. Motion to approve a new course, GEOG 650-3 Advanced Geospatial Analysis

This course builds upon the geospatial skills taught in GEOG 250 (Introduction to Geospatial Analysis) and will help to train urgently needed qualified individuals who can competently work with geospatial data to help solve environmental problems that affect resource industries, government agencies and civic organizations.

6. Motion to delete, GEOG 414-3 Weathering Processes
7. Motion to delete, GEOG 614-3 Weathering Processes

As noted above, GEOG 414/614 has not been offered for the past several years due to the retirement of the faculty member who used to teach it. Therefore, this course is being deleted.

8. Motion to delete, GEOG 632-3 Remote Sensing

The Geography program introduced GEOG 457-3/657-3 (Advanced Remote Sensing) some years ago. GEOG 432-3 Remote Sensing is being renumbered to GEOG 357-3 (motion 10, below), and GEOG 632-3 is therefore being removed.

The following motions seek to revise course numbers and course titles of the following courses:

- 9. GEOG 111-1 (course number and course title change only)
- 10. GEOG 432-3 (course number and course title change only)

The proposed course numbers better align these courses in the BSc program, and the proposed titles more effectively reflect the content of the respective courses. GEOG 432-3 is renumbered to a 3rd year GEOG 357-3 to better represent the educational sequence as, 357-3 -> 457-3.

- 11. GEOG 457-3 Advanced Remote Sensing (prerequisite change only)
- 12. GEOG 657-3 Advanced Remote Sensing (prerequisite change only)

These prerequisite changes are required due to a course deletion (Motion 8) and due to a course number and name modification (Motion 10). The proposed GEOG 357-3 to GEOG 457-3 sequence for Introductory and advanced Remote Sensing courses is in line with a similar sequence for Introductory and advanced GIS courses.

13. Motion to revise the requirements for the Major in Geography (BSc)

This motion changes first year requirements in order to increase access to the degree and make it more nationally competitive. It also updates the degree requirements to include the changes made in this package.

Motion Number (assigned by
Steering Committee of Senate): S-201903.06

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course GEOG 250-3 Introduction to Geospatial Analysis be approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** Fall 2019
2. **Academic Program:** Geography
3. **Course Subject, Number*, and Credit hours (e.g. CHEM 210-3):** GEOG 250-3
4. **Course Title:** Introduction to Geospatial Analysis

5. Goal(s) of Course:

This course will facilitate the following learning outcomes:

- Introduction to geospatial data types and structures, programming with Python, and geospatial data analyses
- Ability to identify geospatial data formats and structures, and understand how to open and analyse geospatial datasets
- Skills in data visualization, raster/vector import and analysis, terrain analysis, hydrological modelling, feature tracking, and multi-dimensional data analysis
- Understanding geospatial project workflows

6. Calendar Course Description: GEOG 250-3 Introduction to Geospatial Analysis Geospatial analysis through coding provides the means to address critical questions about our world in an objective and automated way. Large spatial datasets obtained from remote sensing and geophysical models require specialized analytic tools. This course introduces students to geospatial datasets including visualization and analysis techniques using the Python coding language.

7. **Credit Hours:** 3 credit hours (Normally, UNBC courses are 3 credit hours and may not be repeated for additional credit. If this course falls outside the norm, please complete sections "a)" and "b)" below).

a) Can the course be repeated for credit if the subject matter differs substantially?

No X

* If "yes," please indicate the maximum number** of credit hours which may be applied to a student's degree using this course: #

** If the course may be taken more than once but will only ever be offered for 3 credit hours, for example, per offering, the credit hours are simply expressed as "3" and the following notation (with the correct

number of credit hours noted) is included within the Calendar Course Description:
"This course may be repeated to a maximum of XX credit hours if the material is substantially different."

b) **Is variable credit available for this course?** No X

Variable credit is denoted by the following examples:

- i) "3-6": in this example, the course may be offered for 3, 4, 5, OR 6 credit hours during a single offering. In this example, the course number would be expressed as CHEM 210-(3-6).
- ii) "3,6": in this example, the course may be offered for EITHER 3 or 6 credit hours during a single offering. In this example, the course number would be expressed as CHEM 210-(3,6).

8. Contact Hours (per week):

Lecture 2 Seminar _____
Laboratory 3 Other (please specify) _____

9. Prerequisites (taken prior): None

10. Prerequisites with concurrency (taken prior or simultaneously): None

11. Co-requisites (must be taken simultaneously): None

12. Preclusions: None

13. Course Equivalencies: None

14. Grade Mode: NORMAL (i.e., alpha grade)

15. Course to be offered: each semester _____
each year X
alternating years _____

16. Proposed text / readings:

None required. Resources and tutorials developed for the course will be based on open access datasets.

B. Significance Within Academic Program

1. Anticipated enrolment 15

2. If there is a proposed enrolment limit, state the limit and explain: In the absence of a pre-requisite introductory coding course, labs will require significant hands-on instruction to ensure the acquisition of basic coding skills. A maximum enrolment of 15 students will facilitate this.

3. Required for: Major: _____ Minor: _____ Other: _____

4. Elective in: Major: x Minor: x Other: _____

5. Course required by another major/minor: None

6. **Course required or recommended by an accrediting agency:** None

7. **Toward what degrees will the course be accepted for credit?** Any

8. **What other courses are being proposed within the Program this year?**

GEOG 416-3/616-3 Mountains

GEOG 450-3/650-3 Advanced Geospatial Analysis

9. **What courses are being deleted from the Program this year?**

GEOG 414-3/614-3 Weathering Processes

GEOG 632-3 Remote Sensing

C. Relation to Other Program Areas

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** ENSC 250-2 and CPSC 110-3. ENSC 250-2 (Introduction to Environmental Data Analysis) introduces coding techniques using the R programming language for statistical data analysis, but does not focus on geospatial data. Minimal overlap is expected and the courses are complementary. CPSC 110-3 (Introduction to Computer Systems and Programming) provides a fundamental introduction to computer systems and coding, and therefore has a small overlap with the introduction to concepts of hardware and software.

2. **Is a preclusion required?** No X

3. **If there is an overlap, and no preclusion is required, please explain why not:** Overlaps are minimal, and the proposed course focuses exclusively on geospatial datasets and the Python language.

4. **Has this overlap been discussed with the Program concerned?** Yes.

5. **In offering this course, will UNBC require facilities or staff at other institutions?**

No X

If yes, please describe requirements:

6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**

No X

If "yes," please contact the Articulation Officer in the Office of the Registrar

D. Resources required

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**

i. **College Staffing:** None – due to the hiring of Dr. Joseph Shea and the deletion of courses we have the staffing necessary to cover the course delivery.

ii. **Space (classroom, laboratory, storage, etc.):** Computer laboratory (e.g. GIS lab)

iii: **Library Holdings:** See attached form

iv. **Computer (time, hardware, software):** Computers with Anaconda distributions of Python 3.0

Motion Number (assigned by
Steering Committee of Senate): S-201903.07

SENATE COMMITTEE ON ACADEMIC AFFAIRS
NEW COURSE APPROVAL MOTION FORM

Motion: That the new course GEOG 416-3 Mountains approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** September 2019
2. **Academic Program:** Geography
3. **Course Subject, Number*, and Credit hours (e.g. CHEM 210-3):** GEOG 416-3
4. **Course Title:** Mountains

5. Goal(s) of Course:

This course will facilitate the following learning outcomes:

- the natural and cultural importance of mountains at regional and global scales with a special emphasis on Canada and British Columbia;
- investigation of the origin of mountains in terms of plate tectonics, volcanism and sedimentation;
- examination of mountain climates, glaciers, vegetation, landforms and natural hazards;
- exploration of human settlement and interaction with mountains with a closer look at mountain political economy, tourism, migration, resource extraction and conservation.

6. Calendar Course Description:

With a focus on the environment and society tradition in geography, this course explores the diversity and distribution of mountain environments, the physical processes that shape them, and the role played by humans in their exploitation, modification and preservation.

7. **Credit Hours:** 3 credit hours (Normally, UNBC courses are 3 credit hours and may not be repeated for additional credit. If this course falls outside the norm, please complete sections "a)" and "b)" below).

a) Can the course be repeated for credit if the subject matter differs substantially?

No X

* If "yes," please indicate the maximum number** of credit hours which may be applied to a student's degree using this course: #

** If the course may be taken more than once but will only ever be offered for 3 credit hours, for example, per offering, the credit hours are simply expressed as "3" and the following notation (with the correct number of credit hours noted) is included within the Calendar Course Description:

"This course may be repeated to a maximum of XX credit hours if the material is substantially different."

b) Is variable credit available for this course? No X

6. **Course required or recommended by an accrediting agency:** None
7. **Toward what degrees will the course be accepted for credit?** Any
8. **What other courses are being proposed within the Program this year?**
 GEOG 250-3 Introduction to Geospatial Analysis
 GEOG 616-3 Mountains
 GEOG 450-3/650-3 Advanced Geospatial Analysis

9. **What courses are being deleted from the Program this year?**
 GEOG 414-3/614-3 Weathering Processes
 GEOG 632-3 Remote Sensing

C. Relation to Other Program Areas

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** None
2. **Is a preclusion required?** No X
3. **If there is an overlap, and no preclusion is required, please explain why not:** NA
4. **Has this overlap been discussed with the Program concerned?** NA
5. **In offering this course, will UNBC require facilities or staff at other institutions?**
 No X

If yes, please describe requirements:

6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**
 No X

If “yes,” please contact the Articulation Officer in the Office of the Registrar.

D. Resources required

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**
 - i. **College Staffing:** None
 - ii. **Space (classroom, laboratory, storage, etc.):** Normal classroom space
 - iii. **Library Holdings:** See attached form
 - iv. **Computer (time, hardware, software):** None

E. Additional Attached Materials

F. Other Considerations

1. **First Nations Content***: No X
* *Whether a new course has First Nations content is to be determined by the relevant College Council(s).*

****If “yes,”** refer the motion to the Senate Committee on First Nations and Aboriginal Peoples **prior to** SCAAF.

2. **Other Information:** None
3. **Attachment Pages (in addition to required “Library Holdings” Form):** 0 pages

G. Authorization (Please ignore — Section to be completed by Committee Recording Secretaries)

1. **College(s):** GEOG
2. **SCCC Reviewed:** January 28, 2019
3. **College Council Motion Number(s):** CSAMCC 2019:02:14:15
4. **College Council Approval Date(s):** FEB 14, 2019
5. **Senate Committee on First Nations and Aboriginal Peoples Motion Number:** N/A
6. **Senate Committee on First Nations and Aboriginal Peoples Meeting Date:** N/A

PLEASE COMPLETE THE “NEW COURSE APPROVAL MOTION FORM CHECKLIST” AND THE “LIBRARY HOLDINGS” FORM ACCESSIBLE ON THE SENATE WEB PAGE AND THE MOTION FORM IS NOW READY FOR SUBMISSION — *PLEASE DISREGARD THE BLOCK BELOW*

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING			
Brief Summary of Committee Debate:			
Motion No.:	Omnibus SCAAF201903.06		
Moved by:	C. Whalen	Seconded by:	T. Klassen-Ross
Committee Decision:	CARRIED		
Approved by SCAAF:	<u> March 13, 2019 </u>		_____
	Date		Chair’s Signature
For recommendation to <u> ✓ </u>, or information of _____ Senate.			

Motion Number (assigned by
Steering Committee of Senate): S-201903.08

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course GEOG 616-3 Mountains approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** September 2019
2. **Academic Program:** Geography
3. **Course Subject, Number*, and Credit hours (e.g. CHEM 210-3):** GEOG 616-3
4. **Course Title:** Mountains

5. Goal(s) of Course:

This course will facilitate the following learning outcomes:

- the natural and cultural importance of mountains at regional and global scales with a special emphasis on Canada and British Columbia;
- investigation of the origin of mountains in terms of plate tectonics, volcanism and sedimentation;
- examination of mountain climates, glaciers, vegetation, landforms and natural hazards;
- exploration of human settlement and interaction with mountains with a closer look at mountain political economy, tourism, migration, resource extraction and conservation.

6. Calendar Course Description:

With a focus on the environment and society tradition in geography, this course explores the diversity and distribution of mountain environments, the physical processes that shape them, and the role played by humans in their exploitation, modification and preservation.

7. **Credit Hours:** 3 credit hours (Normally, UNBC courses are 3 credit hours and may not be repeated for additional credit. If this course falls outside the norm, please complete sections "a)" and "b)" below).

a) Can the course be repeated for credit if the subject matter differs substantially?

No X

* If "yes," please indicate the maximum number** of credit hours which may be applied to a student's degree using this course: #

** If the course may be taken more than once but will only ever be offered for 3 credit hours, for example, per offering, the credit hours are simply expressed as "3" and the following notation (with the correct number of credit hours noted) is included within the Calendar Course Description:

"This course may be repeated to a maximum of XX credit hours if the material is substantially different."

b) Is variable credit available for this course? No X

4. **Elective in:** Major: X Minor: _____ Other: _____
5. **Course required by another major/minor:** None
6. **Course required or recommended by an accrediting agency:** None
7. **Toward what degrees will the course be accepted for credit?** Any
8. **What other courses are being proposed within the Program this year?**
 GEOG 250-3 Introduction to Geospatial Analysis
 GEOG 416-3 Mountains
 GEOG 450-3/650-3 Advanced Geospatial Analysis
9. **What courses are being deleted from the Program this year?**
 GEOG 414-3/614-3 Weathering Processes
 GEOG 632-3 Remote Sensing

C. Relation to Other Program Areas

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** None
2. **Is a preclusion required?** No X
3. **If there is an overlap, and no preclusion is required, please explain why not:** NA
4. **Has this overlap been discussed with the Program concerned?** NA
5. **In offering this course, will UNBC require facilities or staff at other institutions?**
 No X
If yes, please describe requirements:
6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**
 No X
If “yes,” please contact the Articulation Officer in the Office of the Registrar.

D. Resources required

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**
- i. **College Staffing:** None
 - ii. **Space (classroom, laboratory, storage, etc.):** Normal classroom space
 - iii. **Library Holdings:** See attached form
 - iv. **Computer (time, hardware, software):** None

E. Additional Attached Materials

F. Other Considerations

1. **First Nations Content***: No X

** Whether a new course has First Nations content is to be determined by the relevant College Council(s).*

****If "yes,"** refer the motion to the Senate Committee on First Nations and Aboriginal Peoples **prior to** SCAAF.

2. **Other Information**: None

3. **Attachment Pages** (in addition to required "Library Holdings" Form): 0 pages

G. Authorization (Please ignore — Section to be completed by Committee Recording Secretaries)

1. **College(s)**: CSAM

2. **SCCC Reviewed**: January 28, 2019

3. **College Council Motion Number(s)**: CSAMCC 2019:02:14:16

4. **College Council Approval Date(s)**: Feb 14, 2019

5. **Senate Committee on First Nations and Aboriginal Peoples Motion Number**: N/A

6. **Senate Committee on First Nations and Aboriginal Peoples Meeting Date**: N/A

PLEASE COMPLETE THE "NEW COURSE APPROVAL MOTION FORM CHECKLIST" AND THE "LIBRARY HOLDINGS" FORM ACCESSIBLE ON THE SENATE WEB PAGE AND THE MOTION FORM IS NOW READY FOR SUBMISSION — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.07

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , **or information of** **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.09

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course GEOG-450 Advanced Geospatial Analysis be approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** Winter 2020
2. **Academic Program:** Geography
3. **Course Subject, Number*, and Credit hours (e.g. CHEM 210-3):** GEOG 450-3
4. **Course Title:** Advanced Geospatial Analysis
5. **Goal(s) of Course:**

The primary objective of the course will be to build upon the theoretical and practical skills required for analysis of geospatial data that were introduced in GEOG-250 (Introduction to Geospatial Analysis).

This course will facilitate the following learning outcomes:

- a) translate analytical skills learned in GEOG-250 to larger, more complex geospatial datasets;
- b) master new methods to assemble and analyze satellite imagery from multi-sensor platforms and from satellite flocks;
- c) critically read and evaluate recently-published papers that describe geospatial techniques; and
- d) engage with other classmates as a team to address a problem in geospatial science proposed by industry, government, First Nation community or other entity.

6. Calendar Course Description:

Students work with and analyze large geospatial remotely-sensed datasets learning and using advanced Python functional programming. In addition to laboratory exercises, students participate in a weekly seminar to critically evaluate research on geospatial algorithms and analyses. Students work together to use geospatial analyses to solve a problem relevant to non-academic stakeholders.

7. **Credit Hours:** 3 credit hours (Normally, UNBC courses are 3 credit hours and may not be repeated for additional credit. If this course falls outside the norm, please complete sections "a)" and "b)" below).

a) **Can the course be repeated for credit if the subject matter differs substantially?**

No X

5. **Course required by another major/minor:** None
6. **Course required or recommended by an accrediting agency:** None
7. **Toward what degrees will the course be accepted for credit?** Any
8. **What other courses are being proposed within the Program this year?**
 GEOG 250-3 Introduction to Geospatial Analysis
 GEOG 416-3/616-3 Mountains
 GEOG 650-3 Advanced Geospatial Analysis
9. **What courses are being deleted from the Program this year?**
 GEOG 414-3/614-3 Weathering Processes
 GEOG 632-3 Remote Sensing

C. Relation to Other Program Areas

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** None
2. **Is a preclusion required?** No _____
3. **If there is an overlap, and no preclusion is required, please explain why not:** NA
4. **Has this overlap been discussed with the Program concerned?** NA
5. **In offering this course, will UNBC require facilities or staff at other institutions?**
 No X
If yes, please describe requirements:
6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**
 No X
If “yes,” please contact the Articulation Officer in the Office of the Registrar

D. Resources required

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**
 - i. **College Staffing:** None
 - ii. **Space (classroom, laboratory, storage, etc.):** Normal classroom space
 - iii: **Library Holdings:** See attached form
 - iv. **Computer (time, hardware, software):** Installation of open-source software (Anaconda distribution of Python and associated libraries). This software is open source and well supported. There is no financial cost associate with this software.

E. Additional Attached Materials

F. Other Considerations

1. **First Nations Content*:** No X
* *Whether a new course has First Nations content is to be determined by the relevant College Council(s).*

****If “yes,”** refer the motion to the Senate Committee on First Nations and Aboriginal Peoples **prior to** SCAAF.

2. **Other Information:** None
3. **Attachment Pages (in addition to required “Library Holdings” Form):** 0 pages

G. Authorization (Please ignore — Section to be completed by Committee Recording Secretaries)

1. **College(s):** CSAM
2. **SCCC Reviewed:** January 28, 2019
3. **College Council Motion Number(s):** CSAMCC 2019:02:14:17
4. **College Council Approval Date(s):** Feb 14, 2019
5. **Senate Committee on First Nations and Aboriginal Peoples Motion Number:** N/A
6. **Senate Committee on First Nations and Aboriginal Peoples Meeting Date:** N/A

PLEASE COMPLETE THE “NEW COURSE APPROVAL MOTION FORM CHECKLIST” AND THE “LIBRARY HOLDINGS” FORM ACCESSIBLE ON THE SENATE WEB PAGE AND THE MOTION FORM IS NOW READY FOR SUBMISSION — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Committee Debate:		
Motion No.:	Omnibus SCAAF201903.08	
Moved by:	C. Whalen	Seconded by: T. Klassen-Ross
Committee Decision:	CARRIED	
Approved by SCAAF:	<u> March 13, 2019 </u>	
	Date	Chair’s Signature
For recommendation to <u> ✓ </u>, or information of _____ Senate.		

Motion Number (assigned by
Steering Committee of Senate): S-201903.10

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course GEOG-650 Advanced Geospatial Analysis be approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** Winter 2020
2. **Academic Program:** Geography
3. **Course Subject, Number*, and Credit hours (e.g. CHEM 210-3):** GEOG 650-3
4. **Course Title:** Advanced Geospatial Analysis
5. **Goal(s) of Course:**

The primary objective of the course will be to build upon the theoretical and practical skills required for analysis of geospatial data that were introduced in GEOG-250 (Introduction to Geospatial Analysis).

This course will facilitate the following learning outcomes:

- a) translate analytical skills learned in GEOG-250 to larger, more complex geospatial datasets;
- b) master new methods to assemble and analyze satellite imagery from multi-sensor platforms and from satellite flocks;
- c) critically read and evaluate recently-published papers that describe geospatial techniques; and
- d) engage with other classmates as a team to address a problem in geospatial science proposed by industry, government, First Nation community or other entity.

6. Calendar Course Description:

Students work with and analyze large geospatial remotely-sensed datasets learning and using advanced Python functional programming. In addition to laboratory exercises, students participate in a weekly seminar to critically evaluate research on geospatial algorithms and analyses. Students work together to use geospatial analyses to solve a problem relevant to non-academic stakeholders.

7. **Credit Hours:** 3 credit hours (Normally, UNBC courses are 3 credit hours and may not be repeated for additional credit. If this course falls outside the norm, please complete sections "a)" and "b)" below).

a) **Can the course be repeated for credit if the subject matter differs substantially?**

No X

6. **Course required or recommended by an accrediting agency:** None
7. **Toward what degrees will the course be accepted for credit?** Any
8. **What other courses are being proposed within the Program this year?**
 GEOG 250-3 Introduction to Geospatial Analysis
 GEOG 416-3/616-3 Mountains
 GEOG 450-3 Advanced Geospatial Analysis
9. **What courses are being deleted from the Program this year?**
 GEOG 414-3/614-3 Weathering Processes
 GEOG 632-3 Remote Sensing

C. Relation to Other Program Areas

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** None
2. **Is a preclusion required?** No _____
3. **If there is an overlap, and no preclusion is required, please explain why not:** NA
4. **Has this overlap been discussed with the Program concerned?** NA
5. **In offering this course, will UNBC require facilities or staff at other institutions?**

No X

If yes, please describe requirements:

6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**

No X

If “yes,” please contact the Articulation Officer in the Office of the Registrar

D. Resources required

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**
 - i. **College Staffing:** None
 - ii. **Space (classroom, laboratory, storage, etc.):** Normal classroom space
 - iii. **Library Holdings:** See attached form
 - iv. **Computer (time, hardware, software):** Installation of open-source software (Anaconda distribution of Python and associated libraries). This software is open source and well supported. There is no financial cost associate with this software.

E. Additional Attached Materials

F. Other Considerations

1. **First Nations Content*:** No X

*** Whether a new course has First Nations content is to be determined by the relevant College Council(s).**

****If “yes,” refer the motion to the Senate Committee on First Nations and Aboriginal Peoples prior to SCAAF.**

2. **Other Information:** None

3. **Attachment Pages (in addition to required “Library Holdings” Form):** 0 pages

G. Authorization (Please ignore — Section to be completed by Committee Recording Secretaries)

1. **College(s):** CSAM

2. **SCCC Reviewed:** January 28, 2019

3. **College Council Motion Number(s):** CSAMCC 2019:02:14:18

4. **College Council Approval Date(s):** Feb 14, 2019

5. **Senate Committee on First Nations and Aboriginal Peoples Motion Number:** N/A

6. **Senate Committee on First Nations and Aboriginal Peoples Meeting Date:** N/A

PLEASE COMPLETE THE “NEW COURSE APPROVAL MOTION FORM CHECKLIST” AND THE “LIBRARY HOLDINGS” FORM ACCESSIBLE ON THE SENATE WEB PAGE AND THE MOTION FORM IS NOW READY FOR SUBMISSION — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.09

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019

Date



Chair’s Signature

For recommendation to ✓ , or information of Senate.

Library Holdings Form
(to be submitted with SCAAF New Course Approval Motion Form)

PROPOSED NEW COURSE: GEOG 250-3 Introduction to Geospatial Analysis

Library Holdings (to be completed by the appropriate Librarian):

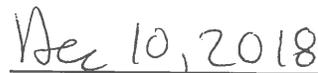
a) Are current library holdings adequate? Yes x No

b) If no to a), what monographs / periodicals / E-resources will be needed, and at what estimated cost?

c) If no to a), what is the proposed funding source?



University Librarian (or designate) signature



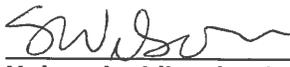
Date

Library Holdings Form
(to be submitted with SCAAF New Course Approval Motion Form)

PROPOSED NEW COURSE: GEOG 416-3 Mountains

Library Holdings (to be completed by the appropriate Librarian):

- a) Are current library holdings adequate? Yes x No
- b) If no to a), what monographs / periodicals / E-resources will be needed, and at what estimated cost?
-
-
-
-
-
-
-
-
-
-
- c) If no to a), what is the proposed funding source?



University Librarian (or designate) signature

Dec. 10, 2018

Date

Library Holdings Form
(to be submitted with SCAAF New Course Approval Motion Form)

PROPOSED NEW COURSE: GEOG 616-3 Mountains

Library Holdings (to be completed by the appropriate Librarian):

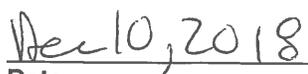
a) Are current library holdings adequate? Yes x No

b) If no to a), what monographs / periodicals / E-resources will be needed, and at what estimated cost?

c) If no to a), what is the proposed funding source?



University Librarian (or designate) signature



Date

Library Holdings Form
(to be submitted with SCAAF New Course Approval Motion Form)

PROPOSED NEW COURSE: GEOG 450-3 Advanced Geospatial Analysis

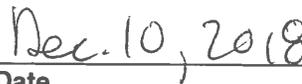
Library Holdings (to be completed by the appropriate Librarian):

- a) Are current library holdings adequate? Yes x No
- b) If no to a), what monographs / periodicals / E-resources will be needed, and at what estimated cost?

c) If no to a), what is the proposed funding source?



University Librarian (or designate) signature



Date

Library Holdings Form
(to be submitted with SCAAF New Course Approval Motion Form)

PROPOSED NEW COURSE: GEOG 650-3 Advanced Geospatial Analysis

Library Holdings (to be completed by the appropriate Librarian):

- a) Are current library holdings adequate? Yes x No
- b) If no to a), what monographs / periodicals / E-resources will be needed, and at what estimated cost?

c) If no to a), what is the proposed funding source?



University Librarian (or designate) signature

Dec 10, 2018

Date

Motion Number (assigned by
Steering Committee of Senate): S-201903.11

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the calendar entry for GEOG 414-3, on page 245 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The course is being deleted.

3. **Implications of the changes for other programs, etc., if applicable:**

This course has not been offered for past several years due to the retirement of the faculty member who used to teach it. The implications are minor as the course appears only as an elective for BSc Geography, and Minors in Geomorphology, Physical Geography, and Earth Science. Moreover, the course is being replaced by a new course (GEOG 416-3 Mountains). The Program Chairs responsible for these Degrees have been notified. The proposed change will impact the following UNBC Calendar course listings which will need to be deleted.

- Page 57-58: *BSc (Integrated) – Upper-Division Requirements*
- Page 133: *Geography (BSc) – Upper-Division Requirements*
- Page 133: *Geography (BSc) – Elective Requirements*
- Page 136: *Minor in Geomorphology – Requirements*
- Page 136: *Minor in Physical Geography – Requirements*
- Page 153: *Minor in Earth Science*

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 414-3 Weathering Processes This course provides a detailed investigation of weathering processes and their applied aspects.

Prerequisites: GEOG 312-3 or permission of the instructor

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

Course deletion.

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

College Council Motion Number: CSAMCC 2019:02:14:19

College Council Approval Date: Feb 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.10

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , **or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.12

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the calendar entry for GEOG 614-3, on page 119 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The course is being deleted.

3. **Implications of the changes for other programs, etc., if applicable:**

This course has not been offered for past several years due to the retirement of the faculty member who used to teach it. There are no implications as the course is not required or electives for any graduate programs.

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 614-3 Weathering Processes A detailed look at weathering processes and their applied aspects.

Prerequisites: Permission of the instructor

Precluded: GEOG 414-3

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~striketrough~~”:**

Course deletion.

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

College Council Motion Number: CSAMCC 2019:02:14:20

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Committee Debate:		
Motion No.:	Omnibus SCAAF201903.11	
Moved by:	C. Whalen	Seconded by: T. Klassen-Ross
Committee Decision:	CARRIED	
Approved by SCAAF:	<u> March 13, 2019 </u>	
	Date	Chair's Signature
For recommendation to <u> ✓ </u>, or information of _____ Senate.		

Motion Number (assigned by
Steering Committee of Senate): S-201903.13

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the calendar entry for GEOG 632-3, on page 119 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The undergraduate cross-listed course (GEOG 432-3) is being renumbered to GEOG 357-3, and thus GEOG 632-3 will be deleted. The Remote Sensing course (GEOG 432-3) was established in the early days and retained at 400 level to accommodate graduate students taking a cross-listed 600 level course. Since we added an advanced course (GEOG 457-3) years ago, the proposed renumbering is overdue for reasons given elsewhere with GEOG 357-3.

3. **Implications of the changes for other programs, etc., if applicable:**

There are no implications as the graduate students may still select GEOG657 for Advanced Remote Sensing

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 632-3 Remote Sensing This course considers digital processing of satellite imagery and integration with raster and vector GIS technology in natural resources and remote sensing of the environment. Topics include sensor platforms and data collection, preprocessing, enhancement, classification, change detection, multi-data integration and vectorization.

Prerequisites: GEOG 300-3 or permission of instructor

Precluded: GEOG 432-3

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

Course deletion.

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

College Council Motion Number: CSAMCC 2019:02:14:21

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Committee Debate:		
Motion No.:	Omnibus SCAAF201903.12	
Moved by:	C. Whalen	Seconded by: T. Klassen-Ross
Committee Decision:	CARRIED	
Approved by SCAAF:	<u> March 13, 2019 </u>	
	Date	Chair's Signature
For recommendation to	<u> ✓ </u>	, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.14

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the course number and course title for GEOG 111-1 Theory and Practice of Physical Geography, on page 242 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:**
September 2019

2. **Rationale for the proposed revisions:**
This course is intended for students who want to major in Physical Geography. Students at UNBC are required to choose a major when they have completed 30 credit hours of course work. Therefore, moving this course from a 100-level to 200-level (i.e., from 1st year to 2nd year) makes 2nd year course decisions simpler. The proposed title better reflects the content of the course.

3. **Implications of the changes for other programs, etc., if applicable:**
The only degree that require GEOG 111-1 is Geography Program's (BSc) Major in Geography. Therefore, there are no implications of the proposed changes for other programs. However, the proposed change in course number and course title will impact the following UNBC Calendar course listing which will need the course number and title changed.

- Page 134: *Geography (BSc) – Lower-Division Requirements*

4. **Reproduction of current Calendar entry for the item to be revised:**
GEOG 111-1 Theory and Practice of Physical Geography This course introduces physical geography students to the theory and practice of physical geography, particularly in British Columbia, through seminars and invited presentations involving professional practitioners in the region and province. A weekend field trip is required. This course is intended for students who want to major in Physical Geography.

Prerequisites: None

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~striketrough~~”:**
GEOG 111-1 Theory and Practice of Physical Geography ~~**GEOG 111-1 Theory and Practice of Physical Geography**~~ **Earth Science Careers** This course introduces physical geography students to the theory and practice of physical geography, particularly in British Columbia, through seminars and invited presentations involving professional practitioners in the region and province. A weekend field trip is required. This course is intended for students who want to major in Physical Geography.

Prerequisites: None

Precluded: GEOG 111-1

For ease of viewing, the proposed revision of calendar entry (without edits) is included below:

GEOG 212-1 Earth Science Careers This course introduces physical geography students to the theory and practice of physical geography, particularly in British Columbia, through seminars and invited presentations involving professional practitioners in the region and province. A weekend field trip is required. This course is intended for students who want to major in Physical Geography.

Prerequisites: None

Precluded: GEOG 111-1

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:22

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.13

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to , or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.15

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the course number and course title for GEOG 432-3 Remote Sensing, on page 245 (in the print / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The Remote Sensing course was established in the early days and retained at 400 level to accommodate graduate students taking a cross-listed 600 level course. Since we added an advanced course (GEOG457) years ago, the proposed renumbering is overdue both to provide a logical 3rd-4th year level sequence and to encourage students to take the introductory course sooner in their degree in line with the parallel GIS courses sequence.

3. **Implications of the changes for other programs, etc., if applicable:**

GEOG432-3 is listed only as an elective (choose from these courses) in Geography BA and BSc programs, and also the Minor in Earth Sciences in the Natural Resources Management program. It is only required in the GIS Minor. Therefore, there are no implications of the proposed changes other than to make the course available at 3rd rather than 4th-year level.

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 432-3 Remote Sensing This course covers digital processing of satellite imagery and integration with raster and vector GIS technology in natural resources and remote sensing of the environment. Topics include sensor platforms and data collection, preprocessing, enhancement, classification, change detection, multi-data integration and vectorization.

Prerequisites: GEOG 205-3 or GEOG 300-3 or permission of the instructor

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

GEOG 432-3357-3 Remote Sensing- Introduction to Remote Sensing This course covers digital processing of satellite imagery and integration with raster and vector GIS technology in natural resources and remote sensing of the environment. Topics include sensor platforms and data collection, preprocessing, enhancement, classification, change detection, multi-data integration and vectorization.

Prerequisites: GEOG 205-3 or GEOG 300-3 or permission of the instructor

Precluded: GEOG 432-3

For ease of viewing, the proposed revision of calendar entry (without edits) is included below:

GEOG 357-3: Introduction to Remote Sensing This course covers digital processing of satellite imagery and integration with raster and vector GIS technology in natural resources and remote sensing of the environment. Topics include sensor platforms and data collection, preprocessing, enhancement, classification, change detection, multi-data integration and vectorization.

Prerequisites: GEOG 205-3 or GEOG 300-3 or permission of the instructor
Precluded: GEOG 432-3

*[Please note: ~~GEOG 432-3~~**GEOG 357-3 Remote Sensing Introduction to Remote Sensing** is referred to many times throughout the Calendar. Calendar editors must ensure that all occurrences of this course number and title are changed when the motion is approved.*

- *P58: BSc Integrated*
- *P119: Environmental and Sustainability Studies*
- *P131: Geography (BA and BSc Programs)*
- *P135: Geography (twice)*
- *P136: Geography (thrice)*
- *P150: Mathematics and Statistics*
- *P152: Natural Resource Management (twice)*
- *P154: Natural Resource Management*

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:23

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.14

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to **, or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.16

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the prerequisites for GEOG 457-3 Advanced Remote Sensing, on page 245 (in the print / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The course number and course title of the existing prerequisite (GEOG 432-3 Remote Sensing) is being modified to GEOG 357-3 Introduction to Remote Sensing.

3. **Implications of the changes for other programs, etc., if applicable:**

None

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 457-3 Advanced Remote Sensing This project-oriented course focuses on advanced classification procedures incorporating digital elevation data, fuzzy and object-oriented classification, and new millennium data sources including ASTER, RADAR, MODIS, LiDAR and high-resolution scenes. Repeat imagery is used to assess local and global changes in land cover, oceanic, atmospheric and/or cryospheric environments.

Prerequisites: GEOG 432-3 or permission of the instructor

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

GEOG 457-3 Advanced Remote Sensing This project-oriented course focuses on advanced classification procedures incorporating digital elevation data, fuzzy and object-oriented classification, and new millennium data sources including ASTER, RADAR, MODIS, LiDAR and high-resolution scenes. Repeat imagery is used to assess local and global changes in land cover, oceanic, atmospheric and/or cryospheric environments.

Prerequisites: GEOG ~~432-3~~357-3 or permission of the instructor

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:24

College Council Approval Date: Feb 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Committee Debate:		
Motion No.:	Omnibus SCAAF201903.15	
Moved by:	C. Whalen	Seconded by: T. Klassen-Ross
Committee Decision:	CARRIED	
Approved by SCAAF:	<u> March 13, 2019 </u>	
	Date	Chair's Signature
For recommendation to <u> ✓ </u>, or information of _____ Senate.		

Motion Number (assigned by
Steering Committee of Senate): S-201903.17

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the prerequisites for GEOG 657-3 Advanced Remote Sensing, on page 119 (in the print / PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

1. **Effective date:**

September 2019

2. **Rationale for the proposed revisions:**

The existing prerequisite (GEOG 632-3 Remote Sensing) is being removed from the Calendar.

3. **Implications of the changes for other programs, etc., if applicable:**

None

4. **Reproduction of current Calendar entry for the item to be revised:**

GEOG 657-3 Advanced Remote Sensing This project-oriented course focuses on advanced classification procedures incorporating digital elevation data, fuzzy and object-oriented classification, and new millennium data sources including ASTER, RADAR, MODIS, LiDAR and high-resolution scenes. Repeat imagery is used to assess local and global changes in land cover, oceanic, atmospheric and/or cryospheric environments.

Prerequisites: GEOG 632-3 or instructor's permission

Precluded: GEOG 457-3

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

GEOG 657-3 Advanced Remote Sensing This project-oriented course focuses on advanced classification procedures incorporating digital elevation data, fuzzy and object-oriented classification, and new millennium data sources including ASTER, RADAR, MODIS, LiDAR and high-resolution scenes. Repeat imagery is used to assess local and global changes in land cover, oceanic, atmospheric and/or cryospheric environments.

Prerequisites: ~~GEOG 632-3 or instructor's permission~~ Permission of the instructor

Precluded: GEOG 457-3

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:25

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.16

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the program requirements for the Geography BSc on pages 132-133 (in the print / PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. Effective date:

September 2019

2. Rationale for the proposed revisions:

The Geography Program is modifying its BSc degree. This motion addresses required course changes and first-year degree changes needed to make the degree more accessible and nationally competitive. Given changes in faculty, the development of new courses and the modification of several existing courses, these changes will better utilize teaching capacity, expand course offerings in areas of current faculty expertise and clean-up undergraduate calendar errors.

3. Implications of the changes for other programs, etc., if applicable:

The details and rationale for the proposed course additions, deletions and modifications, and their implications have been sent to respective program chairs.

4. Reproduction of current Calendar entry for the item to be revised:

Lower-Division Requirement

100 Level

BIOL 103-3 Introductory Biology I
and BIOL 123-1 Introductory Biology I Laboratory
or BIOL 110-3 Introductory Ecology
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
GEOG 111-1 Theory and Practice of Physical Geography
MATH 100-3 Calculus I
MATH 101-3 Calculus II
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 205-3 Cartography and Geomatics
GEOG 210-3 Introduction to Earth Science
GEOG 211-3 Natural Hazards: Human and Environmental Dimensions
STAT 240-3 Basic Statistics

Upper-Division Requirement

300 Level

GEOG 300-3 Geographic Information Systems

GEOG 310-3 Hydrology

or NREM 410-3 Watershed Management

GEOG 311-3 Drainage Basin Geomorphology

GEOG 312-3 Geomorphology in Cold Regions

Two of the following:

ENSC 312-3 Biometeorology

FSTY 425-3 Soil Formation and Classification

or FSTY 415-3 Forest Soils

GEOG 333-3 Geography Field School

GEOG 320-3 Sedimentology

GEOG 432-3 Remote Sensing

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 414-3 Weathering Processes

GEOG 457-3 Advanced Remote Sensing

GEOG 498-(1-3) Special Topics

GEOG 499-(3-6) Independent Studies

5. Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":

Lower-Division Requirement

100 Level

~~BIOL 103-3 Introductory Biology I~~

~~BIOL 104-3 Introductory Biology II~~

~~and BIOL 123-1 Introductory Biology I Laboratory~~

~~BIOL 124-1 Introductory Biology II Laboratory~~

~~or BIOL 110-3 Introductory Ecology~~

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

~~GEOG 111-1 Theory and Practice of Physical Geography~~

MATH 100-3 Calculus I

~~or MATH 152-3 Calculus for Non-majors~~

~~MATH 101-3 Calculus II~~

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 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 Geographic Information Systems

GEOG 310-3 Hydrology
or ~~NREM 410-3 Watershed Management~~
GEOG 311-3 Drainage Basin Geomorphology
GEOG 312-3 Geomorphology of Cold Regions
GEOG 357-3 Introduction to Remote Sensing

Two of the following:

ENSC 312-3 Biometeorology
FSTY 425-3 Soil Formation and Classification
or FSTY 415-3 Forest Soils
GEOG 320-3 Sedimentology
GEOG 333-3 Geography Field School
~~GEOG 320-3 Sedimentology~~
~~GEOG 432-3 Remote Sensing~~

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 414-3 Weathering Processes~~
GEOG 416-3 Mountains
GEOG 450-3 Advanced Geospatial Analysis
GEOG 457-3 Advanced Remote Sensing
GEOG 498-(1-3) Special Topics
GEOG 499-(3-6) Independent Studies

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: GEOG

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:26

College Council Approval Date: FEB 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages (fill in number of pages, or indicate "0" if there are no attachments)

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.17

Moved by: C. Whalen

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to **, or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.19

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the year one program requirements for the BAsC in Civil Engineering (page 6 of the New Academic Program Proposal for Civil and Environmental Engineering Degree approved by Senate April 27, 2016) be approved as proposed

1. **Effective date:** September 2019

2. **Rationale for the proposed revisions:** Two courses are added and two are removed from the first year civil engineering curriculum. An introduction to computer science is added. This is a common course in first year engineering and provides the required foundation for courses in 2nd, 3rd and 4th year that use software packages and engineering tools. A Mechanics course (ENGR130) is added. This will be helpful to students taking 2nd, 3rd and 4th year civil engineering courses (e.g soil mechanics). In the current joint UBC environmental engineering program many students struggle in the higher level civil engineering courses due to a lack of understanding of mechanics. The humanities elective will be moved from first year to a later year. CHEM 101 and its corresponding lab section CHEM 121 are being removed. This course is not relevant to civil engineering and is not a prerequisite for any of the higher level courses. Together these changes bring the first year civil engineering program closer to the province wide common first year engineering curriculum and should ultimately make transfers easier.

3. **Implications of the changes for other programs, etc., if applicable:** "None"

4. **Reproduction of current Calendar entry for the item to be revised:**

First Year (Semesters 1 & 2)

CHEM 100-3	General Chemistry I
CHEM 120-1	General Chemistry Laboratory I
CHEM 101-3	General Chemistry II
CHEM 121-1	General Chemistry Laboratory II
ENGR 110-3	Technical Writing
ENGR 117-3	Engineering Design 1
ENGR 151-1	Engineering Tools I
ENGR 152-1	Engineering Tools II
MATH 100-3	Calculus I
MATH 101-3	Calculus II
MATH 220-3	Linear Algebra
PHYS 110-4	Introductory Physics I: Mechanics
PHYS 111-4	Introductory Physics II: Waves and Electricity

3 credit hours of electives from the Humanities

5. Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:

First Year (Semesters 1 & 2)

CHEM 100-3	General Chemistry I
CHEM 120-1	General Chemistry Laboratory I
CHEM 101-3	General Chemistry II
CHEM 121-1	General Chemistry Laboratory II
<u>CPSC 110-3</u>	<u>Introduction to Computer Science and Programming</u>
ENGR 110-3	Technical Writing
ENGR 117-3	Engineering Design 1
<u>ENGR 130-4</u>	<u>Mechanics of Materials</u>
ENGR 151-1	Engineering Tools I
ENGR 152-1	Engineering Tools II
MATH 100-3	Calculus I
MATH 101-3	Calculus II
MATH 220-3	Linear Algebra
PHYS 110-4	Introductory Physics I: Mechanics
PHYS 111-4	Introductory Physics II: Waves and Electricity

~~3 credit hours of electives from the Humanities~~

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: Civil Engineering Curriculum Committee and Environmental Engineering Committee

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:09

College Council Approval Date: Feb 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: not applicable

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: not applicable

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.18

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to **, or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.20

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to the year one program requirements for the BASc in Environmental Engineering (page 8 of the New Academic Program Proposal for Civil and Environmental Engineering Degree approved by Senate April 27, 2016) be approved as proposed

1. **Effective date:** September 2019

2. **Rationale for the proposed revisions:** Two courses are added and two are removed from the first year environmental engineering curriculum. An introduction to computer science is added. This is a common course in first year engineering and provides the required foundation for courses in 2nd, 3rd and 4th year that use software packages and engineering tools. A Mechanics course (ENGR130) is added. This will be helpful to students taking 2nd, 3rd and 4th year civil engineering courses (e.g soil mechanics). In the current joint UBC environmental engineering program many students struggle in the higher level civil engineering courses due to a lack of understanding of mechanics. The humanities elective will be moved from first year to a later year. PHYS 111 is being removed. While important content, this course is not directly relevant to environmental engineering and is not a prerequisite for any of the higher level courses. Together these changes bring the first year environmental engineering program closer to the province wide common first year engineering curriculum and should ultimately make transfers easier.

3. **Implications of the changes for other programs, etc., if applicable:** "None"

4. **Reproduction of current Calendar entry for the item to be revised:**

First Year (Semesters 1 & 2)

CHEM 100-3	General Chemistry I
CHEM 120-1	General Chemistry Laboratory I
CHEM 101-3	General Chemistry II
CHEM 121-1	General Chemistry Laboratory II
ENGR 110-3	Technical Writing
ENGR 117-3	Engineering Design 1
ENGR 151-1	Engineering Tools I
ENGR 152-1	Engineering Tools II
MATH 100-3	Calculus I
MATH 101-3	Calculus II
MATH 220-3	Linear Algebra
PHYS 110-4	Introductory Physics I: Mechanics
PHYS 111-4	Introductory Physics II: Waves and Electricity

3 credit hours of electives from the Humanities

5. Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:

First Year (Semesters 1 & 2)

CHEM 100-3	General Chemistry I
CHEM 120-1	General Chemistry Laboratory I
CHEM 101-3	General Chemistry II
CHEM 121-1	General Chemistry Laboratory II
<u>CPSC 110-3</u>	<u>Introduction to Computer Science and Programming</u>
ENGR 110-3	Technical Writing
ENGR 117-3	Engineering Design 1
<u>ENGR 130-4</u>	<u>Mechanics of Materials</u>
ENGR 151-1	Engineering Tools I
ENGR 152-1	Engineering Tools II
MATH 100-3	Calculus I
MATH 101-3	Calculus II
MATH 220-3	Linear Algebra
PHYS 110-4	Introductory Physics I: Mechanics
PHYS 111-4	Introductory Physics II: Waves and Electricity

~~3 credit hours of electives from the Humanities~~

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: Civil Engineering Curriculum Committee and Environmental Engineering Committee

College: CSAM

SCCC Reviewed: January 28, 2019

College Council Motion Number: CSAMCC 2019:02:14:10

College Council Approval Date: Feb 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: not applicable

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: not applicable

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.19

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.21

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course (ENGR 130-4 Mechanics of Materials) be approved as follows:

A. Description of the Course

1. **Proposed semester of first offering:** January 2020

2. **Academic Program:** BAsC Civil Engineering and BAsC Environmental Engineering

3. **Course Subject, Number*, and Credit hours:** ENGR 130-4

4. **Course Title:** Mechanics of Materials

5. **Goal(s) of Course:** This course introduces key principles applicable to practical problems in the mechanics of materials. A lab section is included for hands-on learning.

6. Calendar Course Description:

This course introduces key principles applicable to practical problems in the mechanics of materials. The course concentrates on stress analysis of single structural elements. Topics include but are not limited to the following concepts of stress and strain: mechanical properties of materials (elasticity, Poisson's ratio); axial loading and deformation; thermal stresses; torsional stress and deformation; shear forces; and bending moments.

7. **Credit Hours:** 4

a) **Can the course be repeated for credit if the subject matter differs substantially?**

No

b) **Is variable credit available for this course?**

No

8. **Contact Hours (per week):**

Lecture 3

Laboratory 3

9. Prerequisites (taken prior): PHYS 110
10. Prerequisites with concurrency (taken prior or simultaneously): None
11. Co-requisites (must be taken simultaneously): None
12. Preclusions: None
13. Course Equivalencies: None
14. Grade Mode: NORMAL
15. Course to be offered: each year X
16. Proposed text / readings: Hibbeler Mechanics of Materials

B. Significance Within Academic Program (Prepares students for multiple second year courses and align UNBC curriculum with provincial wide common first year.)

1. Anticipated enrolment up to 20 in 2020 up to 70 in 2022
 2. If there is a proposed enrolment limit, state the limit and explain: None
 3. Required for: Major: BASc Civil Eng and BASc Env Eng.
 4. Elective in: None
 5. Course required by another major/minor: None
-

6. **Course required or recommended by an accrediting agency:** Common First Year Curriculum
7. **Toward what degrees will the course be accepted for credit?** BASc Civil Eng and BASc Env Eng
8. **What other courses are being proposed within the Program this year?** None
9. **What courses are being deleted from the Program this year?** CHEM 101-3/121-1 for Civil Engineering and PHYS 111-4 for environmental engineering.

C. Relation to Other Program Areas Prepares students for multiple second year courses

1. **Identify courses in other UNBC Programs that overlap with this course; describe the overlap and comment on its significance:** None
2. **Is a preclusion required?** No
3. **If there is an overlap, and no preclusion is required, please explain why not:**
4. **Has this overlap been discussed with the Program concerned?** Yes
5. **In offering this course, will UNBC require facilities or staff at other institutions?**
No

If yes, please describe requirements:

6. **Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?**
No

D. Resources required Faculty to teach the course

1. **Please describe ADDITIONAL resources required over the next five years to offer this course.**
 - i. **College Staffing:** The course can be taught with the current faculty and the Engineering faculty number will grow to meet the needs of the degree programs over the next 4 years.
 - ii. **Space (classroom, laboratory, storage, etc.):** New lab space for the engineering programs (can use lab space at WIRL until the new lab space in building 10 is ready in 2020)
 - iii. **Library Holdings:** Hibbeler Mechanics of Materials
 - iv. **Computer (time, hardware, software):**

E. Additional Attached Materials None

F. Other Considerations

- 1. **First Nations Content*:** No
 * *Whether a new course has First Nations content is to be determined by the relevant College Council(s).*
- 2. **Other Information:** None
- 3. **Attachment Pages (in addition to required "Library Holdings" Form):** 0 pages

G. Authorization (Please ignore — Section to be completed by Committee Recording Secretaries)

- 1. **College(s):** CSAM
- 2. **SCCC Reviewed:** January 28, 2019
- 3. **College Council Motion Number(s):** CSAMCC 2019:02:14:11
- 4. **College Council Approval Date(s):** Feb 14, 2019
- 5. **Senate Committee on First Nations and Aboriginal Peoples Motion Number:**
- 6. **Senate Committee on First Nations and Aboriginal Peoples Meeting Date:**

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Committee Debate:		
Motion No.:	Omnibus SCAAF201903.20	
Moved by:	G. Payne	Seconded by: T. Klassen-Ross
Committee Decision:	CARRIED	
Approved by SCAAF:	<u>March 13, 2019</u>	
	Date	Chair's Signature
For recommendation to <u>✓</u>, or information of _____ Senate.		

Motion Number (assigned by
Steering Committee of Senate): S-201903.22

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 110-3 Technical Writing, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019
2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the new engineering programs, all engineering students will take this course (core course in civil engineering and both environmental engineering degrees).
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 110-3 Technical Writing In this course, students acquire practical experience in engineering technical writing for a range of applications. The emphasis throughout is on clarity, precision, and consistency. Course content includes searching and referencing methods using scientific and technical literature, argument development, and document organization. Design scenarios provide the basis for student exercises.

Prerequisites: Admission to the Environmental Engineering Program and English 12 or equivalent

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 110-3 Technical Writing In this course, students acquire practical experience in engineering technical writing for a range of applications. The emphasis throughout is on clarity, precision, and consistency. Course content includes searching and referencing methods using scientific and technical literature, argument development, and document organization. Design scenarios provide the basis for student exercises.

Prerequisites: Admission to ~~an the Environmental~~ Engineering Program and English 12 or equivalent

- . **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:03

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.21

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.23

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 117-3 Engineering Design I, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019
2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the new engineering programs, all engineering students will take this course (core course in civil engineering and both environmental engineering degrees).
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 117-3 Engineering Design I This course teaches problem solving skills specific to engineering design challenges and introduces the engineering design process. Students gain experience through multiple project based design exercises, that are complemented with relevant tours (E.g., wastewater treatment plant) and contact with the local engineering community.

Prerequisites: Admission to the Environmental Engineering Program
Corequisites: PHYS 110-4 (or PHYS 100-4 or PHYS 115-4), MATH 100-3 and ENGR 151-1

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 117-3 Engineering Design I This course teaches problem solving skills specific to engineering design challenges and introduces the engineering design process. Students gain experience through multiple project-based design exercises, that are complemented with relevant tours (E.g., wastewater treatment plant) and contact with the local engineering community.

Prerequisites: Admission to ~~the an~~ Environmental Engineering Program
Corequisites: PHYS 110-4 (or PHYS 100-4 or PHYS 115-4), MATH 100-3 and ENGR 151-1

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:04

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.22

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.24

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 151-1 Engineering Tools I, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019

2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the new engineering programs, all engineering students will take this course (core course in civil engineering and both environmental engineering degrees).

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 151-1 Engineering Tools I This course provides an introduction to engineering problem solving using common software tools, including spreadsheets and numerical computing software(E.g., Microsoft Excel and MathWorks MATLAB). Case studies provide relevance and serve to bind together many of the topics covered in the course.

Prerequisites: Admission to the Environmental Engineering Program

Corequisites with concurrency: PHYS 110-4 (or PHYS 115-4 or PHYS 100-4), MATH 100-3 and ENGR 117-3

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 151-1 Engineering Tools I This course provides an introduction to engineering problem-solving using common software tools, ~~including spreadsheets and numerical computing software(E.g., Microsoft Excel and MathWorks MATLAB)~~. Case studies provide relevance and serve to bind together many of the topics covered in the course.

Prerequisites: Admission to ~~the an~~ Environmental Engineering Program

Corequisites with concurrency: PHYS 110-4 (or PHYS 115-4 or PHYS 100-4), MATH 100-3 and ENGR 117-3

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:05

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.23

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.25

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 152-1 Engineering Tools II, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019
2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the new engineering programs, all engineering students will take this course (core course in civil engineering and both environmental engineering degrees).
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 152-1 Engineering Tools II This course provides an introduction to engineering problem solving using common software tools, including spreadsheets, CAD and GIS software. Case studies provide relevance and serve to bind together many of the topics covered in the course.

Prerequisites: Admission to the Environmental Engineering Program and ENGR 117-3 and ENGR 151-1

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 152-1 Engineering Tools II This course provides an introduction to engineering problem-solving using common software tools, including spreadsheets, CAD and GIS software. Case studies provide relevance and serve to bind together many of the topics covered in the course.

Prerequisites: Admission to the ~~an~~ Environmental Engineering Program, ~~and~~ ENGR 117-3 and ENGR 151-1

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:06

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.24

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.26

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 210-3 Material and Energy Balances, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019

2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the civil engineering programs, all engineering students may take this course (possible elective course in civil engineering and core course in both environmental engineering degrees). Also, ENGR 200-3 does not exist (and never has at UNBC), so it should not be a pre-requisite.

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 210-3 Material and Energy Balances This course provides an introduction to the analysis of environmental engineering processes using the laws of conservation of mass and energy. Material and energy balances are applied to open and closed systems, non-reacting and reacting systems, and non-steady state systems.

Prerequisites: Admission to the Environmental Engineering Program
Co-requisites: ENGR 200-3, MATH 200-3

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 210-3 Material and Energy Balances This course provides an introduction to the analysis of environmental engineering processes using the laws of conservation of mass and energy. Material and energy balances are applied to open and closed systems, non-reacting and reacting systems, and non-steady state systems.

Prerequisites: Admission to ~~the an~~ Environmental Engineering Program
Co-requisites: ~~ENGR 200-3~~, MATH 200-3

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:07

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.25

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.27

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 217-3 Engineering Design II, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019

2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the new engineering programs, all engineering students will take this course (core course in civil engineering and both environmental engineering degrees).

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 217-3 Engineering Design II This course explores the problem solving skills specific to Environmental Engineering problems while advancing students' understanding of the engineering design process. Students explore project-based design exercises. This course will also include technical writing skills.

Prerequisites: Admission to the Environmental Engineering Program, ENGR 117-3 with a minimum grade C-

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

ENGR 217-3 Engineering Design II This course explores the engineering design process through ~~problem solving skills specific to Environmental Engineering problems while advancing students' understanding of the engineering design process.~~ Students explore project-based design exercises. This course will also include technical writing skills.

Prerequisites: Admission to ~~the an~~ an Environmental Engineering ~~P~~program, ENGR 117-3 with a minimum grade C-

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:08

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. **Other Information**

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.26

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , **or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.28

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course prerequisite for ENGR 220-3 Engineering Chemistry, on page 226 of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** April 2019
2. **Rationale for the proposed revisions:** At the time the course was created, environmental engineering was the only engineering program at UNBC and enrolment in this course was limited to environmental engineering students. With the civil engineering programs, all engineering students may take this course (possible elective course in civil engineering and core course in both environmental engineering degrees).
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

ENGR 220-3 Engineering Chemistry This course provides an introduction to the properties and composition of natural waters. It explores gas and solid equilibria, pH, redox chemistry, complexation, corrosion treatment, acid rain, ion exchange, colloids and microbial transformations. This course also introduces students to concepts in organic chemistry as applicable to environmental engineering.

Prerequisites: Admission to the Environmental Engineering Program
Pre/Corequisites: ENGR 117-3, CHEM 101-3, CHEM 121-1

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

ENGR 220-3 Engineering Chemistry This course provides an introduction to the properties and composition of natural waters. It explores gas and solid equilibria, pH, redox chemistry, complexation, corrosion treatment, acid rain, ion exchange, colloids and microbial transformations. This course also introduces students to concepts in organic chemistry as applicable to environmental engineering.

Prerequisites: Admission to ~~the an~~ Environmental Engineering Program
Pre/Corequisites: ENGR 117-3, CHEM 101-3, CHEM 121-1

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: ENGR

College: CSAM

SCCC Reviewed: February 25, 2019

College Council Motion Number: CSAMCC 2019:03:14:09

College Council Approval Date: March 14, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.27

Moved by: G. Payne

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓, **or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.29

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW ACADEMIC PROGRAM PROPOSAL

Motion: That the new IDIS Specialization in Métis and Canadian Studies be approved as proposed.

A. General Information

Program Title: IDIS Specialization in Métis and Canadian Studies

Program Objectives: To train specialists who will have acquired skills in archival as well as community-based research on the topic of the history of the historical and contemporary Métis and Canadian communities of our province and continent.

Credential upon Completion of the Program: MA Interdisciplinary Studies

Program Offering the Degree: Interdisciplinary Studies

Proposed Start Date: September 2019

Suggested Institutional Priority: This program is using existing resources within UNBC (faculty and courses) to recruit new students to pursue an IDIS MA at UNBC.

Relationship of Proposed Program to the Mandate of the Institution:

Implications for the Cooperative Education Option: n/a

Specialties within Program: Métis and Canadian Studies within IDIS MA

Related Programs at Other Institutions: n/a

Relation to Existing Programs: This specialization does touch upon some material which would be covered by the FNST MA, but this proposed specialization would enhance what is currently being offered at UNBC and does not replicate or compete with an existing program.

Articulation Arrangement: n/a

Consultations with Other Institutions: n/a

B. Program Description:

Combining Anthropology and History, we will seek to recruit students to come to UNBC to pursue studies in Métis and Canadian Studies. The students would focus on producing a master's thesis combining historiography and ethnography to better understand the fur trade history and culture of northern British Columbia. This program would involve both an examination of the archival record of the history of the fur trade and those communities tied to the fur trade, but would also include an ethnographic component whereby students would delve into the lived culture of the Métis in the region. Potential topics include:

- Critical and analytical analyses of fur trade forts, time periods, historical figures, themes or other such topics where students could draw upon the archival records of the Hudson's Bay Company;
- Ethnographic analyses of contemporary Métis communities whether in Prince George, British Columbia or surrounding regions (Pacific Northwest, Alberta, Yukon and NWT)
- Analyses of contemporary challenges facing Métis communities including issues tied to treaties, traditional subsistence rights, etc...
- Historical analyses examining 20th century history and drawing upon sources such as newspapers, etc...

General Calendar Description: This specialization within the Interdisciplinary MA degree provides students with the means to pursue a detailed analysis of the social and cultural history of British Columbia and adjacent territories to better understand the history of Métis and Canadian in the province, country and continent during and after the fur trade. Students combine expertise in a number of disciplines to better understand the past as well as contemporary communities.

Curriculum: Students entering into this specialization would have to conform to the requirements of the existing IDIS MA. Required and suggested courses include:

- IDIS704 Graduate Seminar in Interdisciplinary Studies [Required]
- HIST700 Seminar in Historical Methodology and Research
- ANTH698 Ethnohistory of Métis Ethnogenesis
- ANTH651 Traditional Use Studies (cross-listed with FNST651)
- Optional course. Suggestions include independent studies with Dr. Binnema, another graduate HIST course or a course for a relevant discipline such as GEOG, FNST or other.

C. Need for Program

Enrolment Projections: If successful, we would hope to recruit 3 to 5 students per year, up to a maximum of 8.

Cultural, Social and Economic Needs: This specialized MA would contribute to a better understanding of our province's history and could play a pivotal role in a number of spheres including: court cases, community development, and so forth.

Labour Market Demands: This specialization would be helping to trained highly skilled personnel, ideally Métis and other Indigenous students.

Other Benefits: This specialization, it is hoped, could contribute to UNBC's commitment to reconciliation and the objectives set by the Truth and Reconciliation Commission.

D. Faculty

Faculty list: The following faculty (regular or adjunct), among others, would be willing to serve as committee members:

- Ted Binnema, Professor of History
- Earl Henderson, Adjunct Professor Anthropology as well as FNST
- Michel Bouchard, Professor of Anthropology

Other faculty members would be welcomed to serve as committee members whether from FNST, Geography

or other disciplines.

Expected Teaching Loads: The courses would be built into existing teaching loads.

Research Funding: Drs. Bouchard and Binnema have applied for SSHRC funding and if successful funds would be made available for graduate students.

E. Program Delivery Delivered using existing courses.

Distance Learning Components: n/a

Class Size and Structure: Integrated within existing courses.

Experiential Learning: Field schools and hands-on learning will be encouraged.

F. Program Resources

Administrative Requirements: Using existing structures

Operating Requirements: Using existing structures

Capital Requirements: None

Start-up Costs: None

Special Resource Requirements: None

G. Library Resource Requirements (See attached form) Will use existing resources.

H. Evaluation

Academic Quality of Program: Not applicable

Methods of Internal Institutional Review: Not applicable

Relevant External Program Experts: Not applicable

I. Miscellaneous

Special Features:

Attachment Pages (in addition to required Library Form): 1 pages

J. Authorization

College: Arts, Social & Health Sciences

SCCC Reviewed: January 28, 2019

College Council Motion Number: CASHSCC.2019.02.21

College Council Approval Date: February 21, 2019

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: SCAAF201903.28

Moved by: M. Dale

Seconded by: T. Klassen-Ross

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date



Chair's Signature

For recommendation to ✓, **or information of** _____ **Senate.**

Executive Summary – BScN

- 1) Changes to NURS 317, 318, 323 and 326 (Year 3 combined theory and practice courses)
 - Addition of statement that students must be registered in lab if they are registered in clinical (i.e. if they withdraw from lab, they must also withdraw from courses with clinical components).
 - For patient safety, students can't withdraw from lab if they are attending clinical, or progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.

- 2) Changes to NURS 328 course description
 - Addition of NURS 328-1 progression statement. Students can't progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.

- 3) Changes to the Academic Performance paragraph
 - NURS 328-(1, 2) Nursing Laboratory is part of the 'two instances' list, so 'Laboratory' has been added.

- 4) Changes to the Program Requirements section for the NCBNP pages
 - Changing the requirement headings from 'Level' to 'Year'. Some courses that are required in Year 1 are at the 200 level. The 200 level courses need to be represented under Year 1 so students understand the sequencing of when the courses should be taken for prerequisite purposes. Addition of NURS 328-1 progression statement. Students can't progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab. Minor change in elective requirement statement for consistency of change to 'Year'.

Motion Number (assigned by
Steering Committee of Senate): S-201903.30

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course description for NURS 317-5 Nursing Theory and Practice: Maternity, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
For patient safety, students can't withdraw from lab if they are attending clinical, or progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

NURS 317-5 Nursing Theory and Practice: Maternity This course takes a women- and family-centred, strengths-based approach to caring for individuals and families of diverse and multicultural backgrounds in the childbearing experience. Emphasis is placed on the integration and application of evidence-based theory, standards for nursing practice, effective communication, critical thinking and use of the nursing process to optimally prepare nurses as caregivers and collaborators with childbearing women, neonates, families, and the health care team.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 310-3, NURS 311-5, NURS 321-2.5

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

NURS 317-5 Nursing Theory and Practice: Maternity This course takes a women- and family-centred, strengths-based approach to caring for individuals and families of diverse and multicultural backgrounds in the childbearing experience. Emphasis is placed on the integration and application of evidence-based theory, standards for nursing practice, effective communication, critical thinking and use of the nursing process to optimally prepare nurses as caregivers and collaborators with childbearing women, neonates, families, and the health care team. Students must be registered in NURS 328-(1, 2) in order to participate in a Year 3 combined theory and practice course.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 310-3, NURS 311-5, NURS 321-2.5

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.29

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.31

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course description for NURS 318-5 Nursing Theory and Practice: Pediatrics, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
For patient safety, students can't withdraw from lab if they are attending clinical, or progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

NURS 318-5 Nursing Theory and Practice: Pediatrics This course emphasizes the health of infants, children, and their families, with a focus on health promotion, risk reduction, disease prevention and common health problems. Particular attention is paid to northern populations and First Nations groups. Information and clinical practice relating to acute and chronic conditions and medical/ surgical interventions are included. The impacts of illness, disability and medical/surgical care on the child and family unit are explored. Concepts of health promotion, effects of genetics and environment on child health and the influence of social determinants of health are introduced. Clinical experiences occur in acute pediatric and selected community settings, providing opportunities to apply pediatric nursing knowledge.

Prerequisites: NURS 220-5 or permission of the Chair
Precluded: NURS 310-3, NURS 311-5, NURS 322-2.5

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

NURS 318-5 Nursing Theory and Practice: Pediatrics This course emphasizes the health of infants, children, and their families, with a focus on health promotion, risk reduction, disease prevention and common health problems: with Pparticular attention ~~is paid~~ to northern populations and First Nations groups. Information and clinical practice relating to acute and chronic conditions and medical/ surgical interventions are included. ~~The impacts of illness, disability and medical/surgical care on the child and family unit are explored. Concepts of health promotion, effects of genetics and environment on child health and the influence of social determinants of health are introduced.~~ Clinical experiences occur in acute pediatric and selected community settings, providing opportunities to apply pediatric nursing knowledge. Students must be registered in NURS 328-(1, 2) in order to participate in a Year 3 combined theory and practice course.

Prerequisites: NURS 220-5 or permission of the Chair
Precluded: NURS 310-3, NURS 311-5, NURS 322-2.5

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. **Other Information**

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.30

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , **or information of** **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.32

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course description for NURS 323-5 Nursing Theory and Practice: Older Adult, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
For patient safety, students can't withdraw from lab if they are attending clinical, or progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

NURS 323-5 Nursing Theory and Practice: Older Adult This course focuses on health-promoting, person-centred nursing practice with older persons in rural communities. Assessment focuses on the physical and mental health of older persons within the context of their everyday experience and their families and/or cultures. Particular attention is paid to the strengths of the individual as well as the presenting health challenges. Students explore strategies to prevent and/or address common health issues experienced by older persons. In addition, students have an opportunity to extend knowledge, skills and the application of therapeutic approaches with this population in the community and clinical settings.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 313-3, NURS 314-5, NURS 316-2.5, NURS 453-3, NURS 653-3

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

NURS 323-5 Nursing Theory and Practice: Older Adult This course focuses on health-promoting, person-centred nursing practice with older persons in rural communities. Assessment focuses on the physical and mental health of older persons within the context of their everyday experience and their families and/or cultures. ~~Particular attention is paid to the strengths of the individual as well as the presenting health challenges. Students explore strategies to prevent and/or address common health issues experienced by older persons. In addition,~~ Students have an opportunity to extend knowledge, skills and the application of therapeutic approaches with this population in the community and clinical settings. Students must be registered in NURS 328-(1, 2) in order to participate in a Year 3 combined theory and practice course.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 313-3, NURS 314-5, NURS 316-2.5, NURS 453-3, NURS 653-3

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.31

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.33

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course description for NURS 326-5 Nursing Theory and Practice: Mental Health, on page 267 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
For patient safety, students can't withdraw from lab if they are attending clinical, or progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

NURS 326-5 Nursing Theory and Practice: Mental Health This course provides knowledge and skills required to care for people living with common mental health and addiction issues encountered in rural nursing practice. A holistic, relational nursing focus allows students to apply concepts to a variety of health challenges and to intervene appropriately. Nursing approaches to clinical decision-making with clients who have specific mental health problems are highlighted. Nursing practice approaches to addictions, substance use, and crisis intervention, including aggression and suicide attempts, are addressed. Students have an opportunity to further develop mental health nursing knowledge and skills in the clinical setting.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 312-3, NURS 314-5, NURS 315-2.5, NURS 456-3, NURS 656-3

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

NURS 326-5 Nursing Theory and Practice: Mental Health This course provides knowledge and skills required to care for people living with common mental health and addiction issues encountered in rural nursing practice. A holistic, relational nursing focus allows students to apply concepts to a variety of health challenges and to intervene appropriately. ~~Nursing approaches to clinical decision-making with clients who have specific mental health problems are highlighted. Nursing practice approaches to addictions, substance use, and crisis intervention, including aggression and suicide attempts, are addressed.~~ Students have an opportunity to further develop mental health nursing knowledge and skills in the clinical setting. Students must be registered in NURS 328-(1, 2) in order to participate in a Year 3 combined theory and practice course.

Prerequisites: NURS 220-5 or permission of the Chair

Precluded: NURS 312-3, NURS 314-5, NURS 315-2.5, NURS 456-3, NURS 656-3

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

SCCC Review Date: January 7, 2019

College: College of Arts, Social and Health Sciences

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.32

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.34

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the course description for NURS 328-1 Nursing Laboratory, on page 268 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
Addition of NURS 328-1 progression statement. Students can't progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

NURS 328-(1, 2) Nursing Laboratory This course provides instruction and practice in the psychomotor and critical thinking skills necessary to provide safe and effective nursing care in the clinical environment. Through case-based scenarios, simulation, short assignments, quizzes, videos and hands-on practice, students engage with and apply new knowledge and skills that build on learning from Years 1 and 2 of the curriculum. Students must successfully complete 2 credit hours of NURS 328-(1, 2), either as two 1-credit hour courses or one 2-credit hour course (minimum 36 hours of structured laboratory practice), no more than eight months prior to undertaking the NURS 329-1 Year 3 Objective Structured Clinical Examination.

Prerequisites: NURS 220-5

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

NURS 328-(1, 2) Nursing Laboratory This course provides instruction and practice in the psychomotor and critical thinking skills necessary to provide safe and effective nursing care in the clinical environment. Through case-based scenarios, simulation, short assignments, quizzes, videos and hands-on practice, students engage with and apply new knowledge and skills that build on learning from Years 1 and 2 of the curriculum. Students must successfully complete 2 credit hours of NURS 328-(1, 2), either as two 1-credit hour courses or one 2-credit hour course (minimum 36 hours of structured laboratory practice), no more than eight months prior to undertaking the NURS 329-1 Year 3 Objective Structured Clinical Examination.

Prerequisites: NURS 220-5. Students must successfully complete the September semester of NURS 328-1 before progressing to the January semester of NURS 328-1 and subsequent Year 3 combined theory and practice courses.

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.33

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.35

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the Academic Performance paragraph, on page 164 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
NURS 328-(1, 2) Nursing Laboratory is part of the 'two instances' list, so 'Laboratory' has been added.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

Academic Performance

Students must adhere to all policies and regulations of the institution(s) where they are registered for courses. This requirement includes, but is not limited to, matters related to academic appeals and academic dishonesty. Progression through the program is governed by guidelines on academic standing and continuance. Probation guidelines are governed by UNBC.

Students must obtain the minimum passing grade for all required Nursing and Health Sciences (NURS, HHSC or equivalent) courses as defined under "Qualification for Degree."

Students are required to withdraw from their respective Nursing programs if they have two instances of not meeting the minimum passing grade requirement either in the same Year or in two consecutive Years, in any combination of the following:

- NURS theory and/or practice courses
- required HHSC courses
- equivalents of the above

A 'Year' is comprised of all the mandatory NURS and HHSC (or equivalent) courses in a given Level [...]

5. **Proposed revision with changes underlined and deletions indicated clearly using "strikethrough":**

Academic Performance

Students must adhere to all policies and regulations of the institution(s) where they are registered for courses. This requirement includes, but is not limited to, matters related to academic appeals and academic dishonesty. Progression through the program is governed by guidelines on academic standing and continuance. However, Probation guidelines are governed by UNBC.

Students must obtain the minimum passing grade for all required Nursing and Health Sciences (NURS, HHSC or equivalent) courses as defined under "Qualification for Degree."

Students are required to withdraw from their respective Nursing programs if they have two instances of not meeting the minimum passing grade requirement either in the same Year or in two consecutive Years, in any combination of the following:

- NURS laboratory, theory and/or practice courses
- required HHSC courses
- equivalents of the above

A 'Year' is comprised of all the mandatory NURS and HHSC (or equivalent) courses in a given Level [...]

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.34

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.36

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the Program Requirements section of the NCBNP, on page 166 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:**
Changing the requirement headings from 'Level' to 'Year'. Some courses that are required in Year 1 are at the 200 level. The 200 level courses need to be represented under Year 1 so students understand the sequencing of when the courses should be taken for prerequisite purposes. Addition of NURS 328-1 progression statement. Students can't progress to 2nd semester of lab or clinical if they do not successfully complete the first semester of lab. Minor change in elective requirement statement for consistency of change to 'Year'.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

Program Requirements

Lower-Division Requirement

100 Level

ANTH 213-3 Peoples and Cultures (or equivalent)
HHSC 110-3 Basic Microbiology (at UNBC)
or BIOL 105-3 Basic Microbiology (at CNC)
or BIOL 133-3 Applied Microbiology (at CMTN)
HHSC 111-4 Anatomy and Physiology I (at UNBC)
or BIOL 111-3 Anatomy and Physiology I (at CNC)
or BIOL 131-3 Human Anatomy and Physiology I (at CMTN)
HHSC 112-4 Anatomy and Physiology II (at UNBC)
or BIOL 112-3 Anatomy and Physiology II (at CNC)
or BIOL 132-3 Human Anatomy and Physiology II (at CMTN)
NURS 101-3 The Art and Science of Nursing
NURS 102-3 Communication Theory and Practice
PSYC 101-3 Psychology as a Science (or equivalent)

200 Level

STAT 240-3 Basic Statistics (at UNBC)
or ECON 205-3 Statistics for Business and the Social Sciences (at UNBC)
or MATH 104-3 Introduction to Statistics (at CNC)
or MATH 157-3 Business Statistics (at CNC)
or MATH 131-3 Introduction to Statistics (at CMTN)
or MATH 251-3 Statistics (at CMTN)

Note: UNBC STAT 240-3, CNC MATH 104-3, or CMTN MATH 131-3 are recommended for the Statistics requirement.

NURS 201-4 Introduction to Health Assessment
NURS 202-3 Pathophysiological Concepts (at CNC)
 or BIOL 220-3 Pathophysiology (at CMTN)
NURS 203-3 Health Promotion in Families
NURS 204-3 Healing Modalities (at CNC)
 or BIOL 221-3 Pharmacology for Nurses (at CMTN)
NURS 205-3 Introduction to First Nations Health
NURS 206-3 Basic Nutrition (at CNC)
 or BIOL 222-3 Human Nutrition (at CMTN)
NURS 215-8 Nursing Care of the Adult
NURS 220-5 Extended Clinical Practicum I

Upper-Division Requirement

Prior to each academic year, students will be advised which courses are being offered at each campus. Courses may be offered face-to-face, online, or using a combination of delivery methods. Students must expect to complete at least one practicum rotation at a site other than Prince George, Quesnel, or Terrace.

300 Level

NURS 304-3 Introduction to Nursing Knowledge
NURS 306-3 Introduction to Epidemiology
NURS 308-3 Ethics and Law in Nursing
NURS 317-5 Nursing Theory and Practice: Maternity
NURS 318-5 Nursing Theory and Practice: Pediatrics
NURS 323-5 Nursing Theory and Practice: Older Adult
NURS 326-5 Nursing Theory and Practice: Mental Health
NURS 328-(1, 2) Nursing Laboratory*
NURS 329-1 Year 3 Objective Structured Clinical Examination
NURS 330-4 Extended Clinical Practicum II

*Students must successfully complete 2 credit hours of NURS 328-(1, 2), either as two 1-credit hour courses or one 2-credit hour course (minimum 36 hours of structured laboratory practice), no more than eight months prior to undertaking the NURS 329-1 Year 3 Objective Structured Clinical Examination.

400 Level

NURS 403-3 Introduction to Nursing Research
NURS 408-3 Nursing Leadership
NURS 418-7 Introduction to Community Health and Nursing
POLS 403-3 Social and Health Policy and Administration

At least one of the following areas of clinical focus:

NURS 420-8 Community Health Nursing
NURS 422-8 First Nations Health and Nursing
NURS 426-8 Acute Care Nursing
NURS 432-8 Mental Health Nursing
NURS 435-8 Pediatric Nursing
NURS 454-8 Perinatal Care
NURS 455-8 Foundations in Emergency and Trauma Nursing
NURS 461-8 Rural Health and Nursing
NURS 497-8 Specialty Focus in Nursing

Elective Requirement

Eighteen credit hours chosen to fulfill the requirements below, and to ensure completion of a minimum of 136 credit hours. A course may not be used to satisfy the requirements in more than one category. Students are strongly advised to complete elective course work prior to fourth year.

- 3 credit hours in First Nations Studies at any level, or HIST 215-3 Global History of Indigenous People, or equivalent
- 3 credit hours in Humanities at any level, or ENGL 170-3, or equivalent
- 3 additional credit hours in Nursing at the 200 level or above, or 3 credit hours at the 200 level or above in a subject related to Nursing (with permission of Program)
- At least 3 credit hours at the 200 level or above in any subject
- At least 3 credit hours at the 300 level or above in any subject
- 3 credit hours at any level in any subject

5. Proposed revision with changes underlined and deletions indicated clearly using “~~striketrough~~”:

Program Requirements

Lower-Division Requirement

Year 1 400-Level

ANTH 213-3 Peoples and Cultures (or equivalent)

HHSC 110-3 Basic Microbiology (at UNBC)

or BIOL 105-3 Basic Microbiology (at CNC)

or BIOL 133-3 Applied Microbiology (at CMTN)

HHSC 111-4 Anatomy and Physiology I (at UNBC)

or BIOL 111-3 Anatomy and Physiology I (at CNC)

or BIOL 131-3 Human Anatomy and Physiology I (at CMTN)

HHSC 112-4 Anatomy and Physiology II (at UNBC)

or BIOL 112-3 Anatomy and Physiology II (at CNC)

or BIOL 132-3 Human Anatomy and Physiology II (at CMTN)

NURS 101-3 The Art and Science of Nursing

NURS 102-3 Communication Theory and Practice

PSYC 101-3 ~~Psychology as a Science~~ Introduction to Psychology I (or equivalent)

STAT 240-3 Basic Statistics (at UNBC)

or ECON 205-3 Statistics for Business and the Social Sciences (at UNBC)

or MATH 104-3 Introduction to Statistics (at CNC)

or MATH 157-3 Business Statistics (at CNC)

or MATH 131-3 Introduction to Statistics (at CMTN)

or MATH 251-3 Statistics (at CMTN)

Note: UNBC STAT 240-3, CNC MATH 104-3, or CMTN MATH 131-3 are recommended for the Statistics requirement.

Year 2 200-Level

~~STAT 240-3 Basic Statistics (at UNBC)~~

~~or ECON 205-3 Statistics for Business and the Social Sciences (at UNBC)~~

~~or MATH 104-3 Introduction to Statistics (at CNC)~~

~~or MATH 157-3 Business Statistics (at CNC)~~

~~or MATH 131-3 Introduction to Statistics (at CMTN)~~

~~or MATH 251-3 Statistics (at CMTN)~~

~~Note: UNBC STAT 240-3, CNC MATH 104-3, or CMTN MATH 131-3 are recommended for the Statistics requirement.~~

NURS 201-4 Introduction to Health Assessment
NURS 202-3 Pathophysiological Concepts (at CNC)
or BIOL 220-3 Pathophysiology (at CMTN)
NURS 203-3 Health Promotion in Families
NURS 204-3 Healing Modalities (at CNC)
or BIOL 221-3 Pharmacology for Nurses (at CMTN)
NURS 205-3 Introduction to First Nations Health
NURS 206-3 Basic Nutrition (at CNC)
or BIOL 222-3 Human Nutrition (at CMTN)
NURS 215-8 Nursing Care of the Adult
NURS 220-5 Extended Clinical Practicum I

Upper-Division Requirement

Prior to each academic year, students will be advised which courses are being offered at each campus. Courses may be offered face-to-face, online, or using a combination of delivery methods. Students must expect to complete at least one practicum rotation at a site other than Prince George, Quesnel, or Terrace.

Year 3 300-Level

NURS 304-3 Introduction to Nursing Knowledge
NURS 306-3 Introduction to Epidemiology
NURS 308-3 Ethics and Law in Nursing
NURS 317-5 Nursing Theory and Practice: Maternity
NURS 318-5 Nursing Theory and Practice: Pediatrics
NURS 323-5 Nursing Theory and Practice: Older Adult
NURS 326-5 Nursing Theory and Practice: Mental Health
NURS 328-(1, 2) Nursing Laboratory*
NURS 329-1 Year 3 Objective Structured Clinical Examination
NURS 330-4 Extended Clinical Practicum II

*Students must successfully complete 2 credit hours of NURS 328-(1, 2), either as two 1-credit hour courses or one 2-credit hour course (minimum 36 hours of structured laboratory practice), no more than eight months prior to undertaking the NURS 329-1 Year 3 Objective Structured Clinical Examination. Students must successfully complete the September semester of NURS 328-1 before progressing to the January semester of NURS 328-1 and subsequent Year 3 combined theory and practice courses.

Year 4 400-Level

NURS 403-3 Introduction to Nursing Research
NURS 408-3 Nursing Leadership
NURS 418-7 Introduction to Community Health and Nursing
POLS 403-3 Social and Health Policy and Administration

At least one of the following areas of clinical focus:

NURS 420-8 Community Health Nursing
NURS 422-8 First Nations Health and Nursing
NURS 426-8 Acute Care Nursing
NURS 432-8 Mental Health Nursing
NURS 435-8 Pediatric Nursing
NURS 454-8 Perinatal Care
NURS 455-8 Foundations in Emergency and Trauma Nursing
NURS 461-8 Rural Health and Nursing
NURS 497-8 Specialty Focus in Nursing

Elective Requirement

Eighteen credit hours chosen to fulfill the requirements below, and to ensure completion of a minimum of 136 credit hours. A course may not be used to satisfy the requirements in more than one category. Students are strongly advised to complete the following elective course work prior to Year 4: fourth year.

- 3 credit hours in First Nations Studies at any level, or HIST 215-3 Global History of Indigenous People, or equivalent;
- 3 credit hours in Humanities at any level, or ENGL 170-3, or equivalent;
- 3 additional credit hours in Nursing at the 200 level or above, or 3 credit hours at the 200 level or above in a subject related to Nursing (with permission of Program);
- At least 3 credit hours at the 200 level or above in any subject;
- At least 3 credit hours at the 300 level or above in any subject;
- 3 credit hours at any level in any subject.

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: January 7, 2019

College Council Motion Number: Omnibus Motion: CASHSCC.2019.02.21.03

College Council Approval Date: February 21, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. **Other Information**

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF201903.35

Moved by: C. Whalen

Seconded by: E. Empey

Committee Decision: CARRIED

Approved by SCAAF: March 13, 2019
Date


Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.37

SENATE COMMITTEE ON ADMISSIONS AND DEGREES

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change to the Admission section of the NCBNP, on page 165 of the 2018/2019 PDF undergraduate calendar, be approved as proposed.

1. **Effective date:** September 2019

2. **Rationale for the proposed revisions:**

Changes have been made to match the minimum English 12 grade for the English Language Requirement, as well as be consistent with the minimum grades required for the Bachelor of Health Sciences. Students are being admitted with much higher averages than 70%. Biology 12 remains at 73%. English First Peoples 12 has been in the Admissions section of the calendar since September 2015, but was not updated in the NCBNP pages, so this has been added to match. The letter grades have also been removed and changed to only percentages to be consistent with the general admission calendar pages.

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

Applicants must:

- meet UNBC admission requirements, and
- have completed the equivalent of the following BC secondary school courses with a minimum C+ (67%) 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

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

Applicants must:

- meet UNBC admission requirements with a minimum 70% average, and
- have completed the equivalent of the following BC secondary school courses with a minimum ~~C+ (67%)~~ 70% in each course:
 - one of Foundations of Mathematics 11, Pre-calculus 11, or Principles of Math 11
 - Chemistry 11
 - English 12 or English First Peoples 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

6. **Authorization:** (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: School of Nursing

College: College of Arts, Social and Health Sciences

SCCC Review Date: October 29, 2018

College Council Motion Number: CASHSCC.2018.11.15.04

College Council Approval Date: November 15, 2018

Senate Committee on First Nations and Aboriginal Peoples Motion Number:

Senate Committee on First Nations and Aboriginal Peoples Meeting Date:

7. **Other Information**

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ADMISSIONS AND DEGREES MEETING

Brief Summary of Committee Debate:

Motion No.: SCAD201903.03

Moved by: R. Chowdhury

Seconded by: D. Smereka

Committee Decision: CARRIED

Approved by SCAAF: March 19, 2019
Date


Acting Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.38

SENATE COMMITTEE ON ADMISSIONS AND DEGREES

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the change(s) to section 1.10 Admission as a Visiting Research Student on page 24 of the 2018-2019 graduate calendar be approved as proposed.

1. **Effective date:** September 2019
2. **Rationale for the proposed revisions:** GRAD 950-0 is being renamed VRES 950-0 in order to be consistent with new Visiting Research Student placeholder courses.
3. **Implications of the changes for other programs, etc., if applicable:** None
4. **Reproduction of current Calendar entry for the item to be revised:**

1.10 Admission as a Visiting Research Student

Admission to this category is restricted to graduate students covered by the Canadian Graduate Student Research Mobility Agreement or other approved research agreements. A Visiting Research Student must register in the course GRAD 950-0 Visiting Research Student for each semester covered by the Agreement. Visiting Research Students are not permitted to take other courses at UNBC.

5. **Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”:**

1.10 Admission as a Visiting Research Student

Admission to this category is restricted to graduate students covered by the Canadian Graduate Student Research Mobility Agreement or other approved research agreements. A Visiting Research Student must register in the course ~~GRAD 950-0~~ VRES 950-0 Visiting Research Student for each semester covered by the Agreement. Visiting Research Students are not permitted to take other courses at UNBC.

6. **Authorization:**

Program / Academic / Administrative Unit: Office of the Registrar

College: N/A

SCCC Reviewed: January 7 2019

College Council Motion Number: CSAMCC 2019:02:14:04

Omnibus Motion: CASHSCC.2019.01.17.03

College Council Approval Date: Feb 14, 2019
January 17, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ADMISSIONS AND DEGREES MEETING

Brief Summary of Committee Debate:

Motion No.: SCAD201903.04

Moved by: R. Chowdhury

Seconded by: D. Smereka

Committee Decision: CARRIED

Approved by SCAAF: March 19, 2019
Date


Acting Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.39

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the Amendment to Academic Regulation 33 Graduation Constraints on page 37 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 undergraduate calendar, be approved as proposed.

1. **Effective date:** Sept 2019

2. **Rationale for the proposed revisions:** Currently UNBC only does one conferral of degrees; this is problematic for many students who complete degree requirements in the Fall or Intersession Terms. Students who complete degree requirements in these semesters must wait until May of the following year to have their degree conferred, which raises challenges for continuing on in graduate programs or employment that require their graduation status and parchment.

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

33. Graduation Constraints

1. Normally, the Program regulations that apply to a student's graduation are those that applied in the Academic Year in which the student was most recently admitted for continuous registration.
2. Students must apply to graduate. Application for graduation must be received by the Office of the Registrar no later than October 31st of the calendar year prior to the year in which graduation is contemplated, accompanied by the appropriate (non-refundable) graduation fee.
3. Students are not permitted to graduate while on Academic Probation (i.e., CGPA less than 2.00) or while any Academic Appeals are pending.
4. Students are not permitted to graduate with deferred grades (DEF) remaining on their transcript.
5. Students who have any outstanding obligation to the University will not be issued an official transcript. Outstanding obligations include, but are not limited to, the following:

- tuition fees owing
- library or other fines
- outstanding library loans
- outstanding equipment or other loans

Proposed revision with changes underlined and deletions indicated clearly using “~~strikethrough~~”: *Note: All following regulation numbers to be adjusted

33. Conferral of Degrees

All students who expect to receive a credential must apply to graduate. Students are eligible to graduate at the end of each semester. All applications for graduation must be received by the Office of the Registrar before each deadline, accompanied by the appropriate (non-refundable) graduation fee.

33 34. Graduation Constraints

1. Normally, the Program regulations that apply to a student's graduation are those that applied in the Academic Year in which the student was most recently admitted for continuous registration.
2. ~~Students must apply to graduate.~~ Application for graduation must be received by the Office of the Registrar no later than November 1, March 1, and July 1 to graduate in the September, January, and May semesters, respectively. ~~of the calendar year prior to the year in which graduation is contemplated, accompanied by the appropriate (non-refundable) graduation fee.~~
3. Students are not permitted to graduate while on Academic Probation (i.e., CGPA less than 2.00) or while any Academic Appeals are pending.
4. Students are not permitted to graduate with deferred grades (DEF) remaining on their transcript.
5. Students who have any outstanding obligation to the University will not be issued an official transcript. Outstanding obligations include, but are not limited to, the following:
 - tuition fees owing;
 - library or other fines;
 - outstanding library loans;
 - outstanding equipment or other loans.

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: Office of the Registrar

College: not applicable

SCCC Reviewed: 4 December 2018

College Council Motion Number: CSAMCC 2019:01:10:03

College Council Approval Date: Jan 10, 2019

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF 201902.16

Moved by: T. Klassen-Ross

Seconded by: E. Jensen

Committee Decision: CARRIED

Approved by SCAAF: February 13, 2019
Date



Chair's Signature

For recommendation to ✓, or information of _____ Senate.

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ADMISSIONS AND DEGREES MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAD201903.05

Moved by: R. Chowdhury

Seconded by: D. Smereka

Committee Decision: CARRIED

Approved by SCAAF: March 19, 2019
Date



Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.40

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

Motion: That the Amendment to Academic Regulation 13 Graduation on page 42 (in the print or PDF calendar accessible on the UNBC web page) of the 2018/2019 graduate calendar, be approved as proposed.

1. **Effective date:** Sept 2019

2. **Rationale for the proposed revisions:** Currently UNBC only does one conferral of degrees; this is problematic for many students who complete degree requirements in the Fall or Intersession Terms. Students who complete degree requirements in these semesters must wait until May of the following year to have their degree conferred, which raises challenges for continuing on in future graduate programs or employment that require their graduation status and parchment.

3. **Implications of the changes for other programs, etc., if applicable:** None

4. **Reproduction of current Calendar entry for the item to be revised:**

13. Graduation

- a. Students must apply to graduate. The Application for Graduation Form must be received by the Office of the Registrar no later than March 1 of the calendar year in which graduation is contemplated, accompanied by the appropriate (non-refundable) graduation fee.
- b. Students who have any outstanding obligation to the University are not permitted to graduate. Outstanding obligations include, but are not limited to, the following:
 - tuition fees owing,
 - library or other fines,
 - outstanding library loans,
 - outstanding equipment or other loans.

Proposed revision with changes underlined and deletions indicated clearly using

~~“striketrough”~~: *Note: All following regulation numbers to be adjusted

13. Conferral of Degrees

All students who expect to receive a credential must apply to graduate. Students are eligible to graduate at the end of each semester. All applications for graduation must be received by the Office of the Registrar before each deadline, accompanied by the appropriate (non-refundable) graduation fee.

13 14. Graduation Constraints

- a.1 ~~Students must apply to graduate. The Application for Graduation Form must be received by the Office of the Registrar~~ Students must submit their Application for Graduation Form in their final semester alongside their request for oral examination, which would normally be no later than November 1, March 1, and July 1 to graduate in the September, January, and May semesters, respectively. of the calendar year in which graduation is contemplated, accompanied by the appropriate (non-refundable) graduation fee.
- b.2 Students who have any outstanding obligation to the University are not permitted to graduate. Outstanding obligations include, but are not limited to, the following:
- tuition fees owing;
 - library or other fines;
 - outstanding library loans;
 - outstanding equipment or other loans.

6. Authorization: (Please ignore — Section to be completed by Committee Recording Secretaries)

Program / Academic / Administrative Unit: Office of the Registrar

College: not applicable

SCCC Reviewed: 4 December 2018

College Council Motion Number: CSAMCC 2019:01:10:04

College Council Approval Date: not applicable

Senate Committee on First Nations and Aboriginal Peoples Motion Number: N/A

Senate Committee on First Nations and Aboriginal Peoples Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

THE MOTION FORM IS NOW COMPLETE — PLEASE DISREGARD THE BLOCK BELOW

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAAF 201902.17

Moved by: T. Klassen-Ross

Seconded by: E. Jensen

Committee Decision: CARRIED

Approved by SCAAF: February 13, 2019
Date



Chair's Signature

For recommendation to ✓ , or information of _____ Senate.

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ADMISSIONS AND DEGREES MEETING

Brief Summary of Committee Debate:

Motion No.: Omnibus SCAD201903.06

Moved by: R. Chowdhury

Seconded by: D. Smereka

Committee Decision: CARRIED

Approved by SCAAF: March 19, 2019
Date



Acting Chair's Signature

For recommendation to ✓ , or information of _____ Senate.



Motion Number (assigned by SCS): S-201903.41

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion: The new terms and conditions for the Graduate Entrance Research Scholarship (GERS) be approved.

Effective Date: 2019-2020 Academic Year

Rationale: To create the Graduate Entrance Research Scholarship (GERS), to replace the Graduate Entrance Scholarship and Graduate Entrance Research Award.

Proposed By: Amy Beyer, Graduate Enrolment and Scholarship Advisor

External Relations Contact: N/A

Faculty/Academic Department: Office of Graduate Programs

Date: February 24, 2019

TO BE COMPLETED AFTER SCSB MEETING

Brief Summary of Committee Debate: The Committee endorsed the updated GERS proposal after viewing a presentation done by Amy Beyer, Graduate Enrolment & Scholarship Advisor at the February 24, 2019 SCSB meeting. The motion will now go back to Senate for consideration.

Motion No.: SCSB20181128.03

Moved by: Mayes

Seconded by: Chowdhury

Committee Decision: CARRIED

Attachments: 1 Page

Approved by SCSB: February 24, 2010

Date

Chair's Signature

For approval of Senate.

Graduate Entrance Research Scholarship

Valued at \$15,000 each, these scholarships are available to full-time* students who are entering a Master's or Doctoral program at the University of Northern British Columbia for the first time who have not previously held an Entrance Award**. To be eligible for an award students must have the intention to enroll in a Thesis or Project based degree. Consideration is based on academic proficiency (Graduate Admission GPA of 3.67 or greater).

If applicants to a UNBC Master's or Doctoral Program meet the eligibility requirements they will automatically be considered for this award, there is no need to apply. Students will find out if they have received an award shortly after they receive notification of their admission decision.

**Applicants/students in the MBA Program are not eligible to apply for this scholarship as the MBA Program is offered on a weekend delivery basis and is not considered full-time for the purposes of this scholarship.*

*** A Graduate Entrance Scholarship, Graduate Entrance Research Award or a Graduate Entrance Research Scholarship.*

UNBC Scholarship, Bursary and Awards Guide Listing

Name: Graduate Entrance Research Scholarship

Type: Graduate Awards

Selection Process: ~~Selection is made by the Office of Graduate Programs.~~ Award nominations will be put forward by the programs. With consultation from the Deans, the Office of Graduate Programs will finalize and distribute awards among candidates.

Application Method: Eligible students will be assessed and nominated by the programs in which they have applied.

Apply to: No application required.

Award Criteria:

Value: \$15,000 over 1 year

Number: 27 per year

Eligibility: Available to full-time* students who are entering a ~~Master's or Doctoral~~ graduate program at the University of Northern British Columbia for the first time who have not previously held an Entrance Award at the Graduate level**. To be eligible for an award students must have the intention to enroll in a Thesis or Project based degree.

**Applicants/students in the MBA Program are not eligible to apply for this scholarship as the MBA Program is offered on a weekend delivery basis and is not considered full-time for the purposes of this scholarship.*

*** A Graduate Entrance Scholarship, Graduate Entrance Research Award or a Graduate Entrance Research Scholarship.*

Criteria: Consideration is based on academic proficiency (Graduate Admission GPA of 3.67 or greater) and an alignment with UNBC's research priorities.



Motion Number (assigned by SCS): S-201903.42

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion: To dissolve the Graduate Entrance Scholarship (GES) and the Graduate Entrance Research Award (GERA).

Effective Date: 2019-2020 Academic Year

Rationale: Entrance Awards are an important tool for student recruitment. The GES and GERA will be replaced by the Graduate Entrance Research Scholarship (GERS), to ensure greater fairness and increase recruitment of top students.

Proposed By: Amy Beyer, Graduate Enrolment and Scholarship Advisor

External Relations Contact: N/A

Faculty/Academic Department: Office of Graduate Programs

Date: December 4, 2018

TO BE COMPLETED AFTER SCSB MEETING

Brief Summary of Committee Debate: The Committee endorsed the motion which was postponed from the November SCSB Meeting.

Motion No.: SCSB20181128.04

Moved by: Dale

Seconded by: Mayes

Committee Decision: CARRIED

Attachments: 2 Pages

Approved by SCSB: December 12, 2018

Date

Chair's Signature

For Approval of Senate.

Award Detail Information

Name: Graduate Entrance Scholarship (GES)

Type: Graduate Awards

Selection Process: Selection is made by the Graduate Programs Office

Award Criteria: Value: \$10,000, renewable for one year
Number: Up to Twenty

Eligibility: Available to full-time students entering a Master's program at UNBC for the first time, and to full-time students entering a Doctoral Program for the first time and who have not previously held a Graduate Entrance Scholarship.

Criteria: Applications will be assessed based on a combination of academic excellence (based on an admission GPA of 4.00 or higher) and the excellence of the Research/Study Goals Statement, and the appropriateness of UNBC for meeting those goals, as outlined in the statement provided by the applicant.

Conditions: Past recipients of the Graduate Entrance Scholarship are not eligible to receive the Graduate Entrance Scholarship again.

Application Instructions: Applicants must submit a paper Graduate Entrance Scholarship (GES) Application and a Research/Study Goals Statement to be considered.

The deadline to submit a paper Graduate Entrance Scholarship Application and Research/Study Goals Statement to the UNBC Awards & Financial Aid Unit is December 15th for September/May entry and May 1 for January entry.

Note: Recipients will be selected by a committee chaired by a representative of the Office of Graduate Programs.

Renewal Criteria: Graduate Entrance Scholarships are renewable (1 year for Master's students and 2 years for PhD students). Students must obtain a cumulative GPA of 4.00 during their first year of graduate studies (first and 2nd year for PhD students) and must be judged to be making satisfactory progress in their program by submitting a Progress Report prior to renewal.

Canadian citizens and those with permanent residence status must also apply for a competitive provincial or national scholarship (NSERC, SSHRC, CIHR, PICS, Graduate Fellowships up to \$18,000, National Network for Aboriginal Mental Health Research, NSERC IPS) during their first year of study if not already holding one. Generally an award of greater than \$15,000 would qualify as a competitive award:

1. A Master's student must apply for a major competitive federal or provincial award by the end of the first year of his/her Master's degree program for an award that starts in the first or second year of his/her Master's degree program.
2. A PhD student must apply for a major competitive federal or provincial award by the end of the second year of his/her UNBC PhD program for an award that starts in the first, second, or third year of his/her PhD program.

Award Detail Information

Name: Graduate Entrance Research Award (GERA)

Type: Graduate Awards

Selection Process: Selection is made by the Graduate Programs Office

Award Criteria: Value: \$5,000, renewable for one year (three semesters);
PhD students may hold 2 (two) Graduate Entrance Research Awards per year for a total of \$10,000 annually.
Number: Up to twenty-five

Eligibility: Available to full-time students entering a Master's program at UNBC for the first time and to full-time students entering a Doctoral Program for the first time.

Criteria: Applications will be assessed based on a combination of admission GPA 3.67 (A-) admitted to a research/thesis based degree and the excellence of the Research/Study Goals Statement, and the appropriateness of UNBC for meeting those goals, as outlined in the statement provided by the applicant.

Conditions: Research must fall within the following priority areas:

Humanities and Social Sciences:

- Life Sciences and Health
- Asia-Pacific Gateway Strategy
- Technology
- First Nations Students

Sciences and Applied Sciences:

- Life Sciences
- Technology
- Natural Resources

Note: Recipients will be selected by a committee chaired by a representative of the Office of Graduate Programs.

Application Instructions: Applicants must submit a paper Graduate Entrance Research Award Application and a Research/Study Goals Statement to be considered. The deadlines to submit a paper Graduate Entrance Research Award Application and Research/Study Goals Statement are December 15th for September/May entry and May 1st for January entry.

Renewal Criteria: Graduate Entrance Research Awards are renewable for one year (three semesters). Students must maintain a minimum GPA of 3.50 and must be judged to be making satisfactory progress in their program by submitting a Progress Report prior to renewal.



Motion Number (assigned by SCS): _____

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion: That the Awards Guide Description for the Lieutenant Governor’s Medal Program for Inclusion, Democracy and Reconciliation be approved.

Effective Date: 2018-2019 Academic Year

Rationale: As per the guidelines provided by the Lieutenant Governor of BC, the award will be presented at Convocation each May.

Proposed By: Linda Fehr, Coordinator – Awards & Financial Aid

External Relations Contact: N/A

Faculty/Academic Department: N/A

Date: February 27, 2019

TO BE COMPLETED AFTER SCSB MEETING

Brief Summary of Committee Debate: The Committee endorsed the motion.

Motion No.: SCSB20190227.03

Moved by: Massingham

Seconded by: Chowdhury

Committee Decision: CARRIED

Attachments: 5 Pages

Approved by SCSB: February 24, 2019

Date

Chair’s Signature

For information of Senate.

AWARDS GUIDE INFORMATION:

Award Category: Award

Award Name: Lieutenant Governor's Medal for Inclusion, Democracy and Reconciliation

Donor: The Lieutenant Governor of British Columbia

Value: Commemorative Medal

Number: One

Eligibility: The Lieutenant Governor's Silver Medal was created to recognize students who have demonstrated outstanding contributions in support of inclusion, democracy and/or reconciliation on campus or in their communities during their post-secondary education.

Consideration may also be given to students who have overcome significant personal challenges and/or may be members of historically disadvantaged groups that face sociocultural barriers to full participation in B.C. society.

Undergraduate students who will be graduating in May 2019 are eligible to apply. The successful candidate will be presented with a commemorative medal at Convocation.

Criteria: Students must meet one or more of the three award criteria below:

- **Diversity and Inclusion:** This award recognizes students who have promoted diversity and inclusion. Students must demonstrate strong collaboration and unifying efforts, through the promotion and display of tolerance and respect for others.
- **Democracy and Leadership:** This award recognizes students who have strengthened democracy through civic engagement or the advancement of human rights and dignity of all persons at a local, national, or global level.
- **Reconciliation:** In 2015, the Truth and Reconciliation Commission of Canada urgently called on Canadians to take action to transform society by establishing a renewed relationship with Indigenous peoples. This award recognizes students who have answered this call to reconciliation and are undertaking efforts to heal their communities.

Application Instructions: Application forms are available from the Awards and Financial Aid Office. Students must submit the Application Form, Personal Statement, and two Letters of Reference to the Awards and Financial Aid Office by April 1 each year.

Effective Date: Established 2019

Recipient Selection: Senate Committee on Scholarships and Bursaries, along with the Associate Vice Provost Indigenous Initiatives or designate.

Proposed Time-line for Adjudication of Lieutenant Governor’s Medal for Inclusion, Democracy, and Reconciliation

March 1	Call for applications
April 1	Deadline for applications
April 5	Application packages forwarded to committee members for review
April 15	SCSB Meets to recommend the recipient (meeting moved from April 24)
April 15	Recipient notified
April 16- 19	Name of recipient forwarded to Senate Lieutenant Governor’s Office notified Convocation Office notified

Lieutenant Governor's Medal Program for Inclusion, Democracy and Reconciliation

Recognizing Outstanding B.C. Student-Citizens

Information and Guidelines for Institutions

Background

The Lieutenant Governor's medal program was established in 1979 to recognize students enrolled in vocational and career programs less than two years long at public post-secondary institutions in British Columbia. The medal program was created to recognize students who excel in their studies and contribute to the life of their institution or community. For nearly forty years, British Columbia's Lieutenant Governor has awarded the medal to outstanding students who have distinguished themselves through their post-secondary education.

New Medal Program Criteria

Starting in 2019, eligibility for the Lieutenant Governor's medal program will be expanded to include students enrolled in all two-year diploma and four-year undergraduate degree programs at public post-secondary institutions in B.C. While academic excellence and community contributions have been the primary focus of the award in years past, institutions will now be asked to nominate students who demonstrate outstanding contributions in support of Inclusion, Democracy and/or Reconciliation on campus or in their communities.

The following guidelines have been developed to assist institutions with application of the new award criteria in nominations. Demonstration of one or more of the criteria will be required to identify an award recipient. In accordance with prior practice, institutions will remain responsible for conducting their own award nomination procedures and will submit names of identified recipients and their contact information to the Ministry of Advanced Education and Skills Training (AEST) at dpu.studentfunding@gov.bc.ca for disbursement of medals, and a congratulatory letter.

Award Guidelines

These guidelines are intended to support application of the new Lieutenant Governor's medal program criteria. Examples are given to demonstrate the application of the award criteria in nominations.

The Lieutenant Governor's medal program is a prestigious badge of recognition for recipients granted for outstanding contributions in support of Inclusion, Democracy, and/or Reconciliation. Institutions may nominate students for contributions made that demonstrate any one of these three award criteria.

Inclusion

Inclusion and Diversity are sources of strength and at the heart of the success of B.C. communities.

This award criterion recognizes students who have promoted diversity and inclusion on campus or in their community. Students must demonstrate strong collaboration and unifying efforts, through the promotion and display of tolerance, and respect for others. Institutions may wish to consider the significance, impact and outcome of a student's contribution, and the personal example set by the student, when making nominations under this category.

Examples:

- A student may be recognized for their work in building community through the organization and coordination of events, activities or services, that contribute to a more welcoming and supportive environment on campus,
- A student may be recognized for their work organizing a community response to an act of intolerance.

Democracy

This criterion recognizes students who have strengthened democracy through civic engagement or the advancement of human rights. Students must demonstrate recognition of the fundamental rights and dignity of all persons at a local, national or global level. Institutions may wish to consider the significance, impact and outcome of a student's contribution, and the personal example set by the student, when making nominations under this category.

It is important to note that the Lieutenant Governor's medal program for Inclusion, Democracy, and Reconciliation is a non-partisan award. Activities directly tied to or coordinated by a political party or movement are not considered grounds for nomination.

Examples:

- A student may be recognized for their contribution to student governance or promoting social change and public discourse on campus, in their community or online.
- A student may be recognized who has supported, advocated or empowered minority rights and/or the most vulnerable in society such as those with mental health or addiction challenges, the homeless, new immigrant youth or refugees.

Reconciliation

In 2015, the [Truth and Reconciliation Commission of Canada](#) urgently called Canadians to take action to transform society by establishing a renewed relationship with indigenous peoples. This criterion recognizes students who have answered this call to Reconciliation and are undertaking important efforts to heal their communities.

Institutions may wish to consider the significance, impact and outcome of a student's contribution, and the personal example set by the student, when making nominations under this category.

Examples:

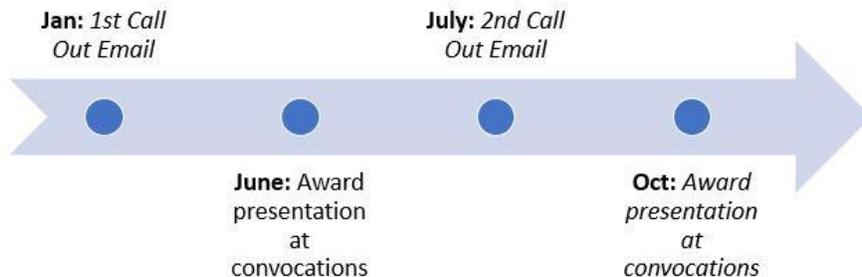
- A student may be recognized for their collaboration with a local Indigenous community to start a for-profit business where proceeds support programming for indigenous women.

- A student may be recognized for teaching indigenous ways of knowing and doing (an indigenous language, law, dance, or another custom) to other students.

In granting this award, institutions may also give consideration to students who have overcome significant personal challenges and/or may be members of historically disadvantaged groups that face sociocultural barriers to full participation in B.C. society. For example, single mothers, members of the LGBTQ+ and two-spirit students, or students with refugee status.

Award Administration

Institutions will remain responsible for conducting their own nomination processes and procedures for the medal award. However, a formal call for nominations process will now occur each year. The Ministry of Advanced Education, Skills and Training will invite institutions via email to submit names of their award recipients twice annually, once in January for awards to be presented at spring convocation, and once in July for awards to be presented at fall convocation. Institutions will continue to nominate one student annually (for either spring or fall convocation) and will have three months from the date of the call for nominations to submit names of their award recipients and their contact information. Medals will be shipped to institutions at least one month prior to commencement of fall and spring convocations to ensure timely delivery of the awards. A congratulatory letter from the Lieutenant Governor will be sent to award recipients.



Lieutenant Governor Presentation of the Medal

Institutions wishing to have the award formally presented by the Lieutenant Governor at a convocation ceremony may indicate their interest to the Ministry. As schedules permit, Government House will coordinate with institutions to confirm the Lieutenant Governor's availability to present the award at convocation ceremonies across B.C. on a rotational basis.



Motion Number (assigned by SCS): _____

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion: That the revised Terms and Conditions for the Beta Sigma Phi Bursary be approved.

Effective Date: 2019-2020 Academic Year

Rationale: To revise the Beta Sigma Phi Bursary and change the name of the award to Beta Sigma Phi Award commencing the 2019-2020 Academic Year.

Proposed By: Tara Mayes, Development Officer – Donor Relations

Advancement Contact: Tara Mayes, Development Officer – Donor Relations

Faculty/Academic Department: N/A

Date: February 15, 2019

TO BE COMPLETED AFTER SCSB MEETING

Brief Summary of Committee Debate: The Committee endorsed the motion.

Motion No.: SCSB20190227.04

Moved by: Massingham

Seconded by: Abass

Committee Decision: CARRIED

Attachments: 1 Page

Approved by SCSB: February 24, 2019

Date

Chair's Signature

For information of Senate.

AWARDS GUIDE INFORMATION:

Award Category: General

Award Name: Beta Sigma Phi [BursaryAward](#)

Awards Guide Description/Intent: Beta Sigma Phi City Council, Prince George Chapter, invited all BC Chapters under the Beta Sigma Phi umbrella to establish a student award with UNBC. Following the association's motto of 'Life, Learning, Friendship', several BC Chapters continue to support this initiative.

Donor: BC Chapters of Beta Sigma Phi

Value: \$1,500

Number: One

Award Type: [BursaryAward](#)

Eligibility: Available to a full or part time undergraduate or graduate student enrolled in a minimum of 6 credit hours per semester at UNBC. ~~The recipient will be an active~~[First preference will be given to a](#) member of a Beta Sigma Phi Chapter or the immediate family member of such a sorority member. ~~Recipient will be a Canadian citizen with preference given to a permanent resident of BC.~~[Second preference will be given to a resident of Northern BC who demonstrates service to others and community involvement.](#)

Criteria: ~~Demonstrated Financial Need, academic proficiency~~[Satisfactory Academic Standing](#) and verified [active](#) member status.

Note: Applicants [who meet the first preference](#) must provide [the](#) name of ~~active~~[the Beta Sigma Phi](#) sorority member, ~~active sorority~~ chapter, location, and membership number of their family member ~~that is active with Beta Sigma Phi.~~ Membership status will be verified by the Beta Sigma Phi City Council.

Effective Date: Endowed 1995

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation by the UNBC Awards Office.

Motion Number (assigned by
Steering Committee of Senate): S-201903.44

STEERING COMMITTEE OF SENATE

PROPOSED MOTION

Motion: Informal Mentorship Statement

That the Informal Senate Mentorship Statement be approved as proposed.

Rationale: The objective of the Senate Mentorship Program is to prepare new senators, or ongoing senator to be informed regarding the procedures of senate and to provide them with information pertaining to any ongoing discussions. Further, the program is intended to answer questions senators may have so that they can follow along and contribute to discussions.

Motion proposed by: Senator Caputo and Senator Hirsh-Pearson

Academic Program: Not applicable

Implications for Other Programs / Faculties? None

College: Not applicable

College Council / Committee Motion Number: N/A

College Council / Committee Approval Date: N/A

Attachment Pages (if applicable): 3 pages

SCS Motion Number:

INFORMATION TO BE COMPLETED AFTER STEERING COMMITTEE OF SENATE MEETING

Brief Summary of Committee Debate:

Motion No.: SCS201903.03

Moved by: H. Massingham

Seconded by: M. Mandy

Committee Decision: CARRIED

Approved by SCS: March 20, 2019
Date


Chair's Signature

For recommendation to **, or information of** _____ **Senate.**

Objective:

The objective of the Senate Mentorship Program is to prepare new senators, or ongoing senator to be informed regarding the procedures of senate and to provide them with information pertaining to any ongoing discussions. Further, the program is intended to answer questions senators may have so that they can follow along and contribute to discussions. The hope is that this will promote healthy discussions in a collegial manner.

Definition of informal mentorship:

Informal mentorship has little organized structure and discussion should be led by the mentee in areas where guidance is needed. The mentor should be a person with experience, knowledge, and advice that can be shared with another person upon request.

Understanding the roles and expectations of senators:

Principally, the role and expectation of a senator is to make an informed vote on decisions pertaining to academic governance, and further, to contribute meaningfully and purposefully to discussions in the Senate Chambers.

From the University Act:

Powers of senate of university named in section 3

37 (1) The academic governance of the university is vested in the senate and it has the following powers:

- (a) to regulate the conduct of its meetings and proceedings, including the determination of the quorum necessary for the transaction of its business, and the election of a vice chair at least annually, who is to chair meetings in the absence of the president;
- (b) to establish committees it considers necessary and, by 2/3 vote of its members present, to delegate to one or more committees those of its powers as it may determine;
- (c) to determine all questions relating to the academic and other qualifications required of applicants for admission as students to the university or to any faculty, and to determine in which faculty the students pursuing a course of study must register;
- (d) to determine the conditions under which candidates must be received for examination, to appoint examiners and to determine the conduct and results of all examinations;
- (e) to establish a standing committee to meet with the president and assist the president in preparing the university budget;
- (f) to consider, approve and recommend to the board the revision of courses of study, instruction and education in all faculties and departments of the university;
- (g) to provide for courses of study in any place in British Columbia and to encourage and develop extension and correspondence programs;
- (h) to provide for and to grant degrees, including honorary degrees, diplomas and certificates of proficiency, except in theology;
- (i) to recommend to the board the establishment or discontinuance of any faculty, department, course of instruction, chair, fellowship, scholarship, exhibition, bursary or prize;
- (j) to award fellowships, scholarships, exhibitions, bursaries and prizes;
- (k) to determine the members of the teaching and administrative staffs who are to be members of each faculty;

- (l) to make rules for the management and conduct of the library;
- (m) to establish policies regarding the conservation of heritage objects and collections that are owned by or in the possession of the university or any of its faculties, divisions, departments or other agencies;
- (n) to provide for the preparation and publication of a university calendar;
- (o) to make recommendations to the board considered advisable for promoting the interests of the university or for carrying out the objects and provisions of this Act;
- (p) to deal with all matters reported by the faculties, affecting their respective departments or divisions;
- (q) to establish a standing committee to consider and take action on behalf of the senate on all matters that may be referred to the senate by the board;
- (r) subject to the approval of the board, to enter into agreements with any corporation or society in British Columbia entitled under any Act to establish examinations for admission to the corporation or society, for the purpose of conducting examinations and reporting results, and those corporations or societies have power to enter into the agreements;
- (s) to make rules respecting the conduct and financing of examinations referred to in paragraph (r) and other examinations conducted by the senate under any other Act;
- (t) to make rules respecting the reporting of results of examinations referred to in paragraphs (r) and (s);
- (u) to set the terms of affiliation with other universities, colleges or other institutions of learning, and to modify or terminate the affiliation;
- (v) to establish a standing committee of final appeal for students in matters of academic discipline;
- (w) to establish a standing committee on relations with other post secondary institutions in British Columbia;
- (x) to require any faculty to establish an advisory committee consisting of students of the faculty and members of the community at large.

What are the expectations/roles of mentors?

The expectation and role of the mentor is to:

- Answer questions regarding or add clarification to the processes of Senate or motions in Senate;
- Help introduce senators to others to form connections;
- Encourage senators to maintain a set of principles that may or may not align with the majority of senators;
- Provide space for dialogue about difficult matters, such as when one person votes in opposition to the rest of Senators.

What is not role of Mentors?

- To propagate power imbalances;
- To influence the views or votes of new or existing Senators.

What are the expectations/roles of mentees?

- To fulfill duties as a senator
- To foster a relationship with their mentor
- To encourage dialogue (i.e. ask questions when you have them and follow up)

Feedback Process:

The feedback process will add a standing Mentors/Mentee report on agenda to encourage transparency if desired. This will add an opportunity for other Senators that are not involved in the process to be informed and to ask questions.

In addition, a meeting will be held prior to, during, and after the mentorship.

Prior to the mentorship, the meeting will be to gauge participants' expectations, and to coach mentors regarding what they know and what they need to know.

During the mentorship, the meeting will see how participants feel about the program. The meeting will be done in three stages, first with just the mentors, then the mentees, and finally a combined group. An informal report will be generated for senate.

After the mentorship, the meeting will be done in three stages, first with just the mentors, then the mentees, and finally a combined group. This will generate an informal report for senate on outcomes and provide comments for the future.

DRAFT

STEERING COMMITTEE OF SENATE

PROPOSED MOTION

Motion: That the changes to the Terms of Office for Elected Members of the Senate in the Senate Handbook be approved as proposed.

3 (d) Terms of Office for Elected Members of the Senate

In accordance with Part 7, Section 36 of the *University Act*, each elected member shall hold office for his/her designated term "and after that until a successor is appointed or elected." (See also section 3 (h) of this Handbook).

(i) Senate

(a) Persons elected to the Senate by the faculty members shall take office on the 1st of April for a three year term ending on the 31st of March of the third year and until their successor is appointed;

(b) Students elected to Senate by the student societies shall take office on the 1st of ~~April~~ September and shall continue as Senators for one year, for the duration of their continuous enrolment at the University excepting the May semester until their graduation from the University, or until they resign, whichever comes first and, if none of these conditions pertains, after that until a successor is elected.

(ii) Terms of office for representatives on Committees:

(a) "Faculty Member" Representatives on Senate Committees shall be appointed the 1st of April for a three year term ending on the 31st of March of their third year and shall be eligible for reappointment for further terms.

(b) "Staff Representatives" on Senate Committees shall be appointed the 1st of April for a three year term ending on the 31st of March of their third year and shall be eligible for reappointment for further terms.

(c) "Student" Representatives on Senate Committees shall be appointed the 1st of ~~April~~ September. Appointments shall continue for one year, for the duration of their continuous enrolment at the University excepting the May semester until their graduation from the University, or until they resign, whichever comes first and, if none of these conditions pertains, after that until a successor is elected.

Rationale: To allow more time for orientation and overlap for new Student Senators so that they may be better informed to vote on decisions pertaining to academic governance, and further, to contribute meaningfully and purposefully to discussions in the Senate Chambers.

Motion proposed by: Senator Caputo

Academic Program: Not applicable

Implications for Other Programs / Faculties? None

College: Not applicable

College Council / Committee Motion Number: N/A

College Council / Committee Approval Date: N/A

Attachment Pages (if applicable): 0 pages

SCN Motion Number: SCN201903.04

INFORMATION TO BE COMPLETED AFTER STEERING COMMITTEE OF SENATE MEETING

Brief Summary of Committee Debate:

Motion No.: SCS201903.04

Moved by: H. Massingham

Seconded by: M. Mandy

Committee Decision: CARRIED

Approved by SCS: March 20, 2019
Date


Chair's Signature

For recommendation to ✓ , or information of Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.46

STEERING COMMITTEE OF SENATE

PROPOSED MOTION

Motion: That the changes to the Eligibility of Student to Be Appointed and Serve as Student Senators or as Student Representatives on Senate Committees in the Senate Handbook be approved as proposed.

3 (n) Eligibility of Students to Be Appointed and Serve as Student Senators or as Student Representatives on Senate Committees

In order to be appointed and serve as a student representative on Senate or Senate Committees, one must:

(i) Be a student as defined in 3 (m) (i), and

(ii) Be a student in good standing (a student who is in "good standing" is a student who is not on academic probation and does not owe the University monies in excess of \$100.00), and

(iii) Be an undergraduate student registered in at least one course in the semester in which a vacancy arises and have been registered in the semester immediately preceding the one in which the vacancy arises. Registration in the May semester is not a requirement to meet this condition provided that, if the vacancy arises during the May or September semesters, the student is registered for the September semester and was registered during the preceding January semester, or

(iv) Be registered in a co-op work term in the semester in which a vacancy arises, or

v) Be a graduate student who is currently enrolled in a program leading to a graduate degree.

Students elected to the Senate or to Senate Committees shall be eligible to serve during the May semester even though they may not be enrolled in any credit courses.

Rationale:

Motion proposed by: Senator Caputo

Academic Program: Not applicable

Implications for Other Programs / Faculties? None

College: Not applicable

College Council / Committee Motion Number: N/A

College Council / Committee Approval Date: N/A

Attachment Pages (if applicable): _____ pages

SCN Motion Number:

SCN201903.05

INFORMATION TO BE COMPLETED AFTER STEERING COMMITTEE OF SENATE MEETING

Brief Summary of Committee Debate:

Motion No.: SCS201903.05

Moved by: H. Massingham

Seconded by: M. Mandy

Committee Decision: CARRIED

Approved by SCS: March 20, 2019
Date


Chair's Signature

For recommendation to ✓, or information of _____ Senate.

Motion Number (assigned by
Steering Committee of Senate): S-201903.47

STEERING COMMITTEE OF SENATE

PROPOSED MOTION

Motion: That the changes to the Quorum on the Senate in the Senate Handbook be approved as proposed.

3 (aa) Quorum on the Senate

Greater than fifty per cent of the current membership shall constitute quorum for the transaction of business at a regular or special meeting of Senate, provided that the members present include the following:

- (i) At least 10 members of faculty elected to Senate, and
- (ii) At least 5 student members elected to Senate, except in the Spring and Summer semesters (May, June, July and August), where at 3 least students must be present.

Rationale:

Motion proposed by: Senator Caputo

Academic Program: Not applicable

Implications for Other Programs / Faculties? None

College: Not applicable

College Council / Committee Motion Number: N/A

College Council / Committee Approval Date: N/A

Attachment Pages (if applicable): _____ pages

SCN Motion Number:

INFORMATION TO BE COMPLETED AFTER STEERING COMMITTEE OF SENATE MEETING

Brief Summary of Committee Debate:

Motion No.: SCS201903.06

Moved by: H. Massingham

Seconded by: M. Mandy

Committee Decision: CARRIED

Approved by SCS: March 20, 2019
Date


Chair's Signature

For recommendation to ✓ **, or information of** _____ **Senate.**

Motion Number (assigned by
Steering Committee of Senate): S-201903.48

STEERING COMMITTEE OF SENATE

PROPOSED MOTION

Motion: That the terms of reference for the Senate Committee on Curriculum and Calendar be approved as proposed.

Effective Date: Upon the approval of Senate

Rationale: The Senate Committee on Curriculum and Calendar (SCCC) needs to be able to fill vacancies. If there are no Faculty Senators available to serve on the committee they would like to be able to have a faculty member.

Motion proposed by: Steering Committee of Senate

Academic Program: Not applicable

Implications for Other Programs / Faculties? ne

College: Not applicable

College Council / Committee Motion Number: N/A

College Council / Committee Approval Date: N/A

Attachment Pages (if applicable): _____ pages

INFORMATION TO BE COMPLETED AFTER STEERING COMMITTEE OF SENATE MEETING

Brief Summary of Committee Debate:

Motion No.: SCS201903.10

Moved by: M. Mandy

Seconded by: H. Massingham

Committee Decision: CARRIED

Approved by SCS: March 20, 2019
Date



Chair's Signature

For recommendation to **, or information of** _____ **Senate.**

SENATE COMMITTEE ON CURRICULUM AND CALENDAR (SCCC)

Purpose: The SCCC works closely with the Office of the Registrar to ensure the internal consistency, clarity and integrity of both the Undergraduate and Graduate Calendars.

Terms of Reference

1. The SCCC serves as a working group to support academic Programs and academic administrative departments in the preparation of Calendar content that is clear and concise, and that is consistent with the current language, style and Regulations in the Calendar(s).
2. The SCCC reviews, advises and makes recommendations to Programs, academic administrative departments and to Senate, with respect to the presentation and language of Calendar content.
3. Any proposed revisions or new Calendar content that require Senate approval, must be reviewed by the SCCC prior to being presented to a College Council for approval.

Membership:

President (ex officio)

Three Faculty Members:

- 1 appointed by the Dean of CSAM
- 1 appointed by the Dean of CASHS
- 1 appointed by the Vice-President of Research & Graduate Programs

*two of the faculty members ~~must~~ should be Faculty Senators

University Librarian or designate

Registrar - Secretary of Senate (non-voting)

Registrar Services Officer (Curriculum, Calendar & Credentials) (non-voting)

Chair:	Committee Member elected annually by and from the membership
Recording Secretary:	Registrar Services Officer – or administrative support position assigned by the Office of the Registrar
Committee Secretary:	Secretary of Senate
Quorum:	Majority
Reporting Month:	



Office of the Vice-President, Research & Graduate Programs

MEMORANDUM

TO: Senate
CC:

FROM: Dr. Geoffrey Payne, Vice President Research

DATE: March 21st, 2019

RE: **The impact of Removing the Human and Animal Ethics committee from SCAAF**

The impact of Removing the Human and Animal Ethics committee from SCAAF

Following a discussion and assessment of how the current terms of reference for the Senate Committee on Academic Affairs (SCAFF) related to the two UNBC ethics committees it was determined that during the transition from the old Senate Committee on Research and Graduate Studies (SCRGS) to the new Senate Committee on Academic Affairs resulted in the misalignment of the Terms of Reference for these committees related to ethics. There was no longer a proper alignment of the old terms pertaining to the two UNBC ethics committees as part of SCRGS migration to SCAAF.

Although it was understood by Senate that the work of these two ethics committee was governed by the federal regulatory compliance organizations of the Tri-Agency Funding bodies (CIHR, SSHRC and NSERC) and the Canadian Council of Animal Care (CCAC) there was discussion on how Senate would now be aware of the activities of the UNBC ethics committees which was deemed important.

With this in mind the recommendation by the Vice President Research would be a multiple staged approach.

- *The UNBC human and animal ethics boards would be removed from the SCAFF terms of reference as they are no longer aligned with the mission and mandate of that committee.*
- *The work of those committee will continue to operate with the appropriate oversight from federal regulatory bodies and supported by the Office of Vice President Research*

- *The Vice President of Research will provide an annual report to SCAFF in their closed session which would also become record for information in the closed session of Senate.*
- *The Vice President Research will provide an annual report to SCAFF on the activities related to the research portfolio for that year.*

Sincerely,

Dr. Geoffrey Payne
Vice President Research