

**SENATE MEETING  
OPEN SESSION  
MINUTES**

March 24, 2021  
3:30 – 5:30 PM  
Zoom Only

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**Present:** J. Allen, B. Annear (Secretary of Senate), J. Bankole, J. Chen (non-voting), A. Constantin, M. Dale, B. Deo, D. Desai, T. Fuson (non-voting), L. Haslett, H. Harder (non-voting), I. Hartley, C. Hofsink, C. Ho Younghusband, D. Huber, H. Kazemian, E. Korkmaz, K. Lewis, D. Nyce, C. Onabola, A. Parent (Recording Secretary), L. Parent (Vice-Chair), G. Payne (Chair), B. Owen, K. Rennie, L. Roldan- Flores (non-voting), A. Schinkel, P. Siakaluk (non-voting), A. Smith (non-voting), A. Sommerfeld (non-voting), K. Stathers, T. Tannert, L. Troc, C. Whalen, R. Wheate, J. Wimmers-Klick, S. Zogas

**Regrets:** A. Aravind, R. Budde, D. Gilchrist, B. Greenall, G. Keeler, T. Klassen-Ross, A. Mitchell, A. Palmer, M. Peterson, L. Roodenburg, M. Wels-Lopez, P. Winwood (non-voting)

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The meeting commenced at 3:34 p.m.

The Chair noted that a Call for Nominations Call for Nominations for Faculty Senators (terms starting April 1, 2021) remains open with several vacant positions.

The Chair thanked outgoing Senators for their service: Gwen Keeler, Julia Wimmers-Klick, Catherine Whalen, Roger Wheate, Elie Korkmaz, Thomas Tannert, Laurey-Anne Roodenburg, Mike Peterson, Bill Owen, and Ian Hartley.

The Chair thanked the following Senators for renewing for another term: Robert Budde, Clarence Hofsink, Tammy Klassen-Ross, Christine Ho Younghusband, Alina-Geta Constantin, Dhruv Desai and Andrea Palmer.

The Chair welcomed all the last Senate meeting under the two college structure.

### **1.0 Acknowledgement of Territory**

The Chair acknowledged that the Senate meeting was on the traditional territory of the Lheidli T'enneh.

### **2.0 S-202103.03 Approval of the Agenda**

Zogas

That the agenda for the March 24, 2021 Open Session of Senate be approved as presented.

#### Amendments

- Corrected term dates for Lay Senators in item 11.4 to April 1, 2021
- Item S-202103.34 has been revised at the SCSB meeting. Revised Terms of Reference have been noted on the Senate SharePoint Site.
- Items S-202103.26 - .30 to be added to the Consent Agenda.

CARRIED as amended.

### **3.0 Presentation – Indigenous Initiatives**

Harder

Vice Provost, Indigenous Initiatives gave a presentation on Indigenous Initiatives at UNBC and the activities of his portfolio.

#### **4.0 Approval of the Minutes**

##### **S-202103.04**

##### **Approval of the Minutes**

Kazemian

That the Minutes for the February 24, 2021 Open Session of Senate be approved as presented.

CARRIED

#### **5.0 Business Arising**

No business arising.

#### **6.0 President's Report**

**Payne**

The President reported that the Town Hall to continue the dialogue and action towards equity and diversity on campus at UNBC was a success and second event is being scheduled for April 20, 2021. A recorded session of this Town Hall is available.

The Climate Emergency motion from January 2020 is moving forward for discussion.

The President gave an update on the elimination of the Office of University Advancement and the creation of the Office of Research and Innovation.

The President reported the 2021-22 budget was approved by the Board of Governors, a budget presentation will also be given for the entire University community later this week.

As a result of Provincial Guidelines, we will be moving forward once again this year with a virtual Convocation.

The President provided an update on the 2021 Fall semester.

#### **7.0 Report of the Provost**

**Dale**

##### **7.1 Academic Re-Structuring**

The Provost gave an update on the activities of the deans and deans-elect as we prepare for the April 1, 2021 Academic –Re-Structuring.

The Provost thanked outgoing Interim Deans, Bill Owen and Ian Hartley.

#### **8.0 Report of the Registrar**

**Annear**

The Registrar reported that the Convocation and the Office of Graduate Administration is now under the Office of the Registrar. The posting for the Associate Registrar, Graduate is open.

The Registrar reminded Senate that all grades must be submitted according to the normal timelines.

The Registrar reported that the summer schedule is now available and registration is open

#### **9.0 Question Period**

**9.1 Written questions submitted in advance - None**

**9.2 Questions from the floor - None**

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

**Payne**

##### **S-202103.05**

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

Constantin

That the motions on the consent agenda, except for those removed for placement on the

regular agenda, be approved as presented.  
CARRIED

## 11.0 Committee Reports

### 11.1 Senate Committee on Appeals

Klassen-Ross

No report.

### 11.2 Senate Committee on Academic Affairs

Dale

#### **For Approval Items:**

Motions S-202103.06 - .08 were carried as an omnibus motion.

#### **S-202103.06**

#### **Change(s) to the Academic Calendar – Academic Structure**

Allen

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) to the academic structure on page 49-50 (in the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: April 1, 2021

CARRIED

[Delete entire entry, replace with the following]:

### **Faculty of Business and Economics**

Business

Economics

### **Faculty of Environment**

Department of Ecosystem Science and Management

Biology

Forestry

Natural Resources Management

Outdoor Recreation and Tourism Management

School of Planning & Sustainability

Environmental Planning

Environmental and Sustainability Studies

Department of Geography, Earth & Environmental Sciences

Environmental Science

Geography

### **Faculty of Human and Health Sciences**

School of Education

School of Health Sciences

School of Nursing

UBC Division of Medical Sciences

Department of Psychology

School of Social Work

### **Faculty of Indigenous Studies, Social Sciences and Humanities**

Department of Anthropology

Department of English

Department of First Nations Studies

Department of History  
Department of Global and International Studies  
Department of Political Science  
Northern Studies  
Women's and Gender Studies  
Interdisciplinary Studies

**Faculty of Science and Engineering**

Chemistry and Biochemistry  
Computer Science  
Engineering (Civil, Environmental, Integrated)  
Mathematics and Statistics  
Physics

**S-202103.07**

**Change(s) to the Academic Calendar – Graduate**

Allen

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) throughout the PDF calendar accessible on the UNBC web page) of the 2020/2021 graduate calendar, be approved as proposed.

Effective date: April 1, 2021

CARRIED

**7.8 Academic Supervision (Doctorate) [page 32]**

The Supervisor and student must maintain contact through regular meetings. Supervisors who expect to be absent from the University for an extended period of time (including during sabbaticals) must make suitable arrangements (including the appointment of a temporary replacement if appropriate) with the student and the Chair of the program, or if applicable the chair of graduate committee for the continued supervision of the student, or must request that the Program or College Faculty nominate another Supervisor to be approved by the Vice President Research and Graduate Programs or designate.

**19. Examinations [page 39]**

- e. College Faculty Deans may make exceptions to this policy in extraordinary cases. Such exceptions must be made at the beginning of the semester, and have the approval of the Program Chair.

**Mathematical, Computer, Physical, and Molecular Sciences (MSc Program) [page 65]**

Mathematical, Computer, Physical and Molecular Sciences (MCPMS) is one stream of the Master of Science degree in the ~~College of Science and Management~~ Faculty of Science and Engineering.

**Natural Resources and Environmental Studies (MSc Program) [page 73]**

Natural Resources and Environmental Studies (NRES) is one stream of the Master of Science degree in the ~~College of Science and Management~~ Faculty of Environment.

**BCMB 605-3 Topics in Biochemistry and Molecular Biology [page 91]**

This course considers advanced topics in biochemistry. Topics depend on instructor and student interest and normally focus on material not dealt with in other courses. Note: Credit may be granted for both 400- and 600-level offerings of Topics in Biochemistry and Molecular Biology courses, and either the 400 or 600 level or a combination of both may be repeated to a maximum of 6 credit hours, provided the content of the independent offerings of the courses is sufficiently different (as determined by the Program Chair or ~~College~~ Dean).

Prerequisites: Permission of Instructor

### **EDUC 690-3 Health and Human Sciences: Interdisciplinary Seminar** [page 102]

An interdisciplinary analysis and discussion of topics of common interest to graduate students in the Faculty of ~~Arts, Social and Health Sciences~~ Human and Health Sciences.

### **NRES 798-(1-3) Special Topics** [page 118]

This course is intended to fulfill requirements for specialized instruction in any of the disciplines represented in the ~~Faculty of~~ Natural Resources and Environmental Studies Program. Topics will be chosen depending upon student interest and instructor availability, and topic headings will vary from year to year and from section to section.

Prerequisites: BIOL 722-3, ENVS 722-3, FSTY 722-3, GEOG 722-3, RRT 722-3

#### **S-202103.08**

#### **Change(s) to the Academic Calendar – Undergraduate**

Allen

That on the recommendation of the Senate Committee on Academic Affairs, the change(s) throughout the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective date: April 1, 2021

CARRIED

### **Admissions** [page 22]

The University of Northern British Columbia is committed to providing the best possible educational experience to its students. While some areas of academic study are available to new students without restriction, to ensure the highest quality learning environment others must be limited in enrollment by the availability of suitable space and instruction. Except for first-entry professional programs, first-year first-entry students are admitted to UNBC by their degree outcome of interest, and must indicate their first choice of Degree Group (for example Bachelor of Arts or Bachelor of Science) on their application form. Until such time as students declare a major, they will be assigned ~~either of the two College a~~ Faculty Deans based upon their declared degree group. Once admitted, if the Major selected would require a transfer between Degree Groups, approval is required from the ~~College~~ Faculty Dean for the Academic Program that includes the desired Major. Transfer from a first-entry professional program to one of the Degree Groups is permitted only by approval of the ~~College~~ Faculty Dean for the Academic Program that includes the desired major.

### **5. Course Load** [page 37]

A full course load for a student is considered to be five courses (15 credit hours) in any one semester. Not more than 21 credit hours may be attempted in a semester except by permission of the Dean of the College Faculty in which the student is majoring or has

indicated an intention to complete a degree.

### **23. Double Majors** [page 40]

Double Majors are permitted in the BA, BComm, and BSc degree programs. Within the ~~College of Science and Management~~ Faculty of Environment, students pursuing the BPI degree are permitted to double major only within the degree program. Completion of the double major entails completion of the requirements for each Major. Any courses that are included in the requirements for both Majors may be counted for both. Note: If double majors fall between two degrees, students must select only one degree: BA, BComm or BSc. They do not qualify for more than one.

### **28. Application of Certain Professional Courses to Earn an Undergraduate Degree** [page 40]

With the approval of both the Program Chair and ~~College~~ Faculty Dean, certain credits in the Northern Medical Program at UNBC/UBC and in accredited programs in the health professions at other Universities may be accepted towards the Bachelor of Science Degree. Applications for degrees under this regulation will be considered on a case-by-case basis, and in no case subsequent to the conferral of the professional degree in question. Not more than thirty (30) semester hours of professional credits may be counted.

### **30. Change of Grade after Submission of Final Grades** [page 40]

Except for grade changes resulting from formal Academic Appeal, any changes in final grade after the initial grade submission must be transmitted to the Office of the Registrar through the appropriate Chair, except in cases where a Chair's grades must be approved by the appropriate ~~College~~ Faculty Dean.

### **Integrated Analytical Skills & Knowledge Program (IASK)** [page 46 and page 147]

The Integrated Analytical Skills & Knowledge Program at UNBC offers first-year students a rich and unique learning experience. Supported by seven academic units ~~in the College of Arts, Social and Health Sciences~~ (Anthropology, Economics, English, First Nations Studies, Global and International Studies, Political Science, and Northern Studies), IASK delivers an integrated and interdisciplinary curriculum. IASK is cohort based: small groups of students will work together across courses. Intake for IASK is limited to 65 students who self-select to take part in the Program. IASK courses are accepted as meeting the degree requirements for the seven departments listed above.

### **Part-Time Students in the BEd Program** [page 93]

The Bachelor of Education program at UNBC is a full-time study program. However, under exceptional circumstances (i.e., family, personal, or health reasons), teacher candidates may request to continue the program on a part-time basis. The request must be submitted in writing to the Chair of the School of Education and approved by the Dean of the ~~College of Arts, Social and Health Sciences~~ Faculty of Human and Health Sciences. A change to part-time status is not guaranteed.

## Minor in Political Science [page 172]

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Alternative courses may be substituted for the above with the written permission of the Department Chair or Faculty Dean of the College.

## BCMB 405-3 Topics in Biochemistry and Molecular Biology [page 188]

This course considers selected advanced topics in biochemistry. Topics depend on instructor and student interest and normally focus on material not dealt with in other courses. Note: Credit may be granted for both 400- and 600-level offerings of Topics in Biochemistry and Molecular Biology courses, and either the 400- or 600-level courses or a combination of both may be repeated to a maximum of 6 credit hours, provided the content of the independent offerings of the courses is sufficiently different (as determined by the Program Chair or College Dean).

Prerequisites: BCMB 340-3 with a minimum grade C

### **S-202103.09**

#### **Course Parking**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the following list of courses be excluded from the parking list (table 1) and parked (table 2).

Effective date: April 1, 2021

CARRIED

**Table 2: The following courses will be parked on April 1, 2021:**

Subject	Course	Title	Last Offering with Enrollment
COMM	410	Accounting Theory	201505
COMM	429	Finance: Advanced Topics	201305
COMM	618	Accounting Research 3	NONE
COMM	628	Finance Research 3	NONE
COMM	637	Research in Human Resources Management/Organization Behaviour 1	201601
COMM	638	Research in Human Resources Management/Organization Behaviour 2	201601
COMM	639	Research in Human Resources Management/Organization Behaviour 3	NONE
COMM	648	Marketing Research 3	NONE
COMM	658	Research in Operations Management/International Business 3	NONE
CPSC	270	Human Interface Design	201401
CPSC	425	Introduction to Compiler Design	201601
CPSC	625	Introduction to Compiler Design	201601
EDUC	396	Reflective Seminar	201505
EDUC	414	Curriculum and Instruction: III (Business and Career Education)	NONE
EDUC	500	Teacher Leadership	NONE

EDUC	502	Interpretation and Application of Educational Research	NONE
EDUC	504	Instructional Leadership for Cooperating Teachers	NONE
EDUC	521	Classroom Assessment Practices	NONE
EDUC	523	Teaching for Social Responsibility	NONE
EDUC	528	Numeracy Strategies for Struggling Learners	NONE
EDUC	531	Applications of Educational Technology	NONE
EDUC	533	Human Development: Implications for Education	NONE
EDUC	534	Achievement Motivation	NONE
EDUC	535	Learning & Diversity: Inclusive Classrooms	NONE
EDUC	541	Principles of Instruction	NONE
EDUC	546	First Nations Education	NONE
EDUC	551	Mathematics Education	NONE
EDUC	552	Science Education	NONE
EDUC	558	Language Arts Education	NONE
EDUC	559	Second Language Instruction	NONE
EDUC	573	Montessori Curriculum and Instruction - Scientific Literacy	NONE
EDUC	574	Montessori Curriculum and Instruction - Mathematics Education	NONE
EDUC	575	Montessori Integrated Cultural Studies and Field Study Planning	NONE
EDUC	576	Montessori Integrated Cultural Studies Field Study	NONE
EDUC	577	Montessori Portfolio	NONE
EDUC	580	Visual Arts Across the Curriculum	NONE
EDUC	581	Performing Arts Across the Curriculum	NONE
EDUC	593	Directed Readings	NONE
EDUC	603	Advanced Quantitative Data Analysis	201301
EDUC	611	Advanced Topics in Qualitative Research	199605
EDUC	621	Classroom Assessment Practices	NONE
EDUC	642	Personal and Career Planning for Students with Special Needs	NONE
EDUC	651	Mathematics Education	NONE
EDUC	653	Social Studies Education	NONE
EDUC	690	Health and Human Sciences: Interdisciplinary Seminar	199905
ENGL	204	Introduction to Television and Film Production	201005
ENGL	304	Digital Art	201101
ENGL	404	Advanced Television and Film Production	200905
FSTY	407	Forest Products	201505
GEOG	312	Geomorphology of Cold Regions	201401
GNDR	699	Independent Study	201203
HIST	325	Sex Changes: An Introduction to the History of Sexuality	NONE



HIST	380	Modern Mexico	NONE
HIST	441	Internship in Legal Studies	NONE
HIST	709	Themes in Legal History	NONE
IASK	101	Ways of Knowing	201605
IASK	103	Foundations of Learning I	201605
IASK	104	Peoples, Places and Culture	201701
IASK	105	What is Security?	201701
IASK	106	Foundations of Learning II	201701
IASK	107	Special Topics	201605
INTS	151	Beginning International Language I	201503
INTS	152	Beginning International Language II	201501
INTS	200	Contemporary Russia	201405
INTS	210	Globalizations	NONE
INTS	251	Intermediate International Language I	201405
INTS	252	Intermediate International Language II	201501
INTS	307	Global Resources	200801
INTS	308	Gender and International Studies	201201
INTS	340	The Circumpolar North in Global Perspective	201105
INTS	410	Environment and Development in the Circumpolar North	200701
INTS	440	Internship	201301
INTS	640	Environment and Development in the Circumpolar North	200701
NRES	720	Global Change	201301
NRES	770	Rural and Small Town Geography	201503
NRES	775	Society and Natural Resources	NONE
NRES	899	Independent Research	200801
PHIL	200	Critical Thinking	200801
PHIL	201	Philosophy of Science	200705
PHIL	210	Philosophy of Mind	NONE
PHIL	325	Moral Philosophy	NONE
POLS	317	Moral Philosophy	201105
POLS	417	Ethical Leadership	NONE
POLS	601	Resource Politics	199905
POLS	606	Political Change in the Asia-Pacific Region	NONE
POLS	608	Business-Government Relations	200001
POLS	617	Ethical Leadership	NONE
POLS	634	Resource Communities in Transition	200503
SOCW	433	Women in the Human Services	201503
SOCW	448	Inequality and Income Security	NONE
SOCW	600	Social Work and Community Data Analysis	NONE
SOCW	615	Multi-Cultural Social Work Practice	201505
SOCW	701	Research Practicum	201505
WMST	302	Women and the Contemporary World	201005

An Executive Summary ESM (ORTM Curriculum Committee) was included in the meeting package.

**S-202103.10**

**Course Deletion – ORTM 306**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, on the recommendation of the Senate Committee on Academic Affairs, ORTM 306 Indigenous Tourism and Recreation be deleted from the BA Nature-Based Tourism Management and the BSc in Conservation Science and Practice Major in Wildland Conservation and Recreation on page 259 (in the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar.

Effective Date: September 2021

CARRIED (Consent Agenda)

**S-202103.11**

**Course Deletion – ORTM 403**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 403 International Dimensions of Recreation and Tourism be deleted from the BA Nature-Based Tourism Management and the BSc in Conservation Science and Practice Major in Wildland Conservation and Recreation on page 259 (in the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar.

Effective Date: September 2021

CARRIED Consent Agenda

**S-202103.12**

**Course Deletion – ORTM 603**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 603 International Dimensions of Recreation and Tourism be deleted from page 122 course listing of the online Graduate Academic Calendar.

Effective Date: September 2021

CARRIED Consent Agenda

**S-202103.13**

**Course Deletion – ORTM 407**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 407 Recreation, Tourism and Communities be deleted from the BA Nature-Based Tourism Management and the BSc in Conservation Science and Practice Major in Wildland Conservation and Recreation on page 259-260 (in the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar.

Effective Date: September 2021

CARRIED Consent Agenda

**S-202103.14**

**Course Deletion – ORTM 607**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 607 Recreation, Tourism and Communities be deleted from page 122 course listing of the online Graduate Academic Calendar.

Effective Date: September 2021

CARRIED

**S-202103.15**

**Course Deletion – ORTM 408**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 408 The Psychology of Recreation and Tourism be deleted from the BA Nature-Based Tourism Management

and the BSc in Conservation Science and Practice Major in Wildland Conservation and Recreation on page 260 (in the PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar.

Effective Date: September 2021  
CARRIED Consent Agenda

**S-202103.16**

**Course Deletion – ORTM 608**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, ORTM 608 The Psychology of Recreation and Tourism be deleted from page 122 course listing of the online Graduate Academic Calendar.

Effective Date: September 2021  
CARRIED Consent Agenda

Motions S-202103.17 - .22 were carried as an omnibus motion.

**S-202103.17**

**New Course – ORTM 206**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 206-3 Recreation and Leisure Programming be approved as proposed.

Proposed semester of first offering: September 2021  
CARRIED

Students explore and gain practice in the development, delivery, and evaluation of recreation and leisure programming and services. The course focuses on crafting and facilitating outdoor experiences that operate in socially and environmentally responsible ways. Within this context, the course introduces theory and practice related to inclusion, meaning, access, constraints, and benefits across abilities, life stages, and segments of the population. Systems and goals for delivering recreation, leisure, travel services, and opportunities for citizens and visitors are explored. The course involves field activities outside of scheduled class time.

**S-202103.18**

**New Course – ORTM 307**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 307-3 Land Relations and Communities in Recreation and Tourism be approved as proposed.

Proposed semester of first offering: January 2023  
CARRIED

This course weaves together Indigenous and socio-cultural perspectives to examine land relations and communities in the context of recreation and tourism. The course draws connections between recreation, broader social forces, and community development, with a conceptual focus on complexity, intersectionality, and justice, and a practical emphasis on representation, education and programming. The goal is to develop learning skills that facilitate personal and collective reflection on important issues, with a view to imagining and creating better futures.

Prerequisites: Any 200 level ORTM course or FNST 100-3

Preclusions: ORTM 407

**S-202103.19**

**New Course – ORTM 401**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 401-3 The Culture of Adventure be approved as proposed.

Proposed semester of first offering: January 2022

CARRIED

This course explores how social, cultural, political, and economic dimensions affect our travel and sporting opportunities, but also how adventurous activities influence our understandings of the environment and society. The focus of the course is on adventure sport and tourism, which include a variety of activities from rock climbing to mountain biking to BASE jumping. Emphasis is placed on how adventure can reproduce and/or challenge inequities.

**S-202103.20**

**New Course – ORTM 601**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 601-3 The Culture of Adventure be approved as proposed.

Proposed semester of first offering: January 2022

CARRIED

This advanced course explores how social, cultural, political, and economic dimensions affect our travel and sporting opportunities, but also how adventurous activities influence our understandings of the environment and society. The focus of the course is on adventure sport and tourism, which include a variety of activities from rock climbing to mountain biking to BASE jumping. Emphasis is placed on how adventure can reproduce and/or challenge inequities.

Prerequisites: Graduate level standing

Preclusions: ORTM 401-3 The Culture of Adventure

**S-202103.21**

**New Course – ORTM 405**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 405-3 Leadership Praxis be approved as proposed.

Proposed semester of first offering: September 2022

CARRIED

Students explore leadership theories and practices in depth as applied to work and institutions in outdoor and adventure recreation, education, travel, and conservation. Topics include leadership theories (e.g. servant leadership, culturally-appropriate leadership), group dynamics and management, decision-making, team and public communication, coalition building, and advocacy. The course engages with leadership as ethical and socio-ecologically engaged practice. It explores ways that privilege, gender, race, and social discourses intersect outdoor and conservation leadership, participant experiences, and professional careers. Students develop repertoires of practice through leading and mentoring experiences outside of scheduled class.

**S-202103.22**

**New Course – ORTM 605**

Whalen

That on the recommendation of the Senate Committee on Academic Affairs, the new course ORTM 605-3 Leadership Praxis be approved as proposed.

Proposed semester of first offering: September 2022

CARRIED

Students explore leadership theories and practices in depth as applied to work and institutions in outdoor and adventure recreation, education, travel, and conservation. Topics include leadership theories (e.g. servant leadership, culturally-appropriate leadership), group dynamics and management, decision-making, team and public communication, coalition building, and advocacy. This advanced course engages with leadership as ethical and socio-ecologically engaged practice. It explores ways that privilege, gender, race, and social discourses intersect

outdoor and conservation leadership, participant experiences, and professional careers. Students develop repertoires of practice through leading and mentoring experiences outside of scheduled class.

Prerequisites: Permission of the instructor

Preclusions: ORTM 405-3 Leadership Praxis

Library forms for ORTM 206/307/401/601/405/605 were included in the meeting package.

### **S-202103.23**

#### **Change(s) to Program Requirements – Nature-Based Tourism Management**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the changes to the program requirements for the degree in Nature-Based Tourism Management (including the Diploma Completion Option), Honours in Nature-Based Tourism Management and Minor in Nature-Based Tourism Management on pages 152-155 (in the print or PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective Date: September 2021

CARRIED Consent Agenda

#### **Nature-Based Tourism Management (BA Program)**

Ken Otter, Professor and Acting Chair

Philip Mullins, Associate Professor

Pamela Wright, Associate Professor

Jennifer Wigglesworth, Assistant Professor

Website: [www.unbc.ca/outdoor-recreation-tourism-management](http://www.unbc.ca/outdoor-recreation-tourism-management)

Tourism has become the largest industry and employer in the world. One of the most important and fastest growing sectors in tourism is nature-based tourism, which comprises attractions, activities and experiences involving interaction with natural and cultural resources (e.g., ecotourism, adventure tourism, indigenous tourism). This degree examines the various components of the nature-based tourism system, giving emphasis to the entrepreneurial perspectives and sustainability issues in the industry. Reflecting the interdisciplinarity of the field, and related career directions, students select from the following Areas of Specialization: marketing and entrepreneurship, outdoor education and leadership, communities and tourism ~~indigenous/cultural tourism~~, or environment and society.

#### **Major in Nature-Based Tourism Management**

Students must complete a minimum of 120 credit hours through (a) the common degree requirements, (b) the requirements of an Area of Specialization and (c) elective credit hours in any subject.

#### **Common Degree Requirements**

##### **Lower-Division Requirement**

##### **100 Level**

**BIOL 110-3** Introductory Ecology

**COMM 100-3**

Introduction to Canadian Business

**ECON 100-3** Microeconomics

ENPL104-3 Introduction to Planning  
NREM 100-3\* Field Skills  
ORTM100-3 Foundations of Outdoor Recreation and Tourism

One of the following:

ENVS 101-3 Introduction to Environmental Citizenship  
ENVS 210-3 Environmental Perspectives  
FNST100-3 The Aboriginal Peoples of Canada  
GEOG 101-3 Planet Earth  
GEOG 102-3 Earth from Above

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

200 Level

COMM 240-3

Introduction to Marketing

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

Basic Statistics

ENVS 210-3 Environmental Perspectives

or INTS 225-3 Global Environmental Challenge: Sustainability

or HIST 360-3 An Introduction to Environmental History

NREM 209-3 The Practice of Conservation

ORTM 200-3 Sustainable Recreation and Tourism

ORTM 202-3 Ecotourism and Adventure Tourism

ORTM 205-3 Outdoor Skills and Leadership

ORTM 206-3 Recreation and Leisure Programming

Upper-Division Requirement

300 Level

COMM 302-3

Entrepreneurship

FNST304-3 Indigenous Environmental Philosophy

or NREM 303-3 Aboriginal Perspectives on Land and Resource Management

~~HIST 360-3 An Introduction to Environmental History~~

ORTM 300-3 Recreation and Tourism Impacts

~~ORTM 306-3\*\*~~

~~Indigenous Tourism and Recreation~~

ORTM 307-3\*\* Land Relations and Communities in Recreation and Tourism

ORTM 332-3 Outdoor, Environmental and Experiential Education

ORTM 333-3 Field School

400 Level

Nine credit hours from the following:

ORTM 305-3 Protected Areas Planning and Management  
 ORTM 400-3 Conservation Area Design and Management  
~~ORTM 403-3\*\* International Dimensions in Recreation and Tourism~~  
~~ORTM 407-3\*\* Recreation, Tourism and Communities~~  
~~ORTM 408-3\*\* The Psychology of Recreation and Tourism~~  
ORTM 401-3\*\* The Culture of Adventure  
ORTM 405-3\*\* Leadership Praxis  
 ORTM 409-3\*\* Critical Approaches to Outdoor Recreation Activities  
 ORTM 433 (1-6) Field School II  
 ORTM 440 (2-6) Internship  
 ORTM 498 (1-3) Special Topics  
 ORTM 499 (1-6) Independent Study

**\*\*Note:** Students should note that some senior-level ORTM classes are offered in alternating years.

**Area of Specialization**

Students must choose one of the following Areas of Specialization.

Courses used to fulfill common degree requirements above may not be used to satisfy an Area of Specialization requirement.

1. Marketing and Entrepreneurship
2. Outdoor Education and Leadership
- ~~3. Indigenous/Cultural Tourism-3.-Communities and Tourism~~
4. Environment and Society

**Marketing and Entrepreneurship**

**COMM 210-3**

Financial Accounting

**COMM 342-3**

Services Marketing

**or COMM 340-3 Marketing Communication**

**Two of the following:**

**COMM 340-3**

Marketing Communication

**COMM 343-3**

Behavioural Marketing

**COMM 346-3**

Internet Marketing

**COMM 441-3**

International Marketing

**COMM 442-3**

Marketing Strategy

Two of the following:

COMM 230-3

Organizational Behaviour

COMM 300-3

Introduction to Business Law

COMM 303-3

Introduction to International Business

COMM 443-3

Marketing Research

ECON 305-3 Environmental Economics and Environmental Policy

ENPL 313-3 Rural Community Economic Development (CED)

GEOG 424-3 Northern Communities

Outdoor Education and Leadership

EDUC101-3 Introduction to Education

EDUC 201-3 Education Theory and Practice

ENVS 101-3 Introduction to Environmental Citizenship

~~ORTM 408-~~

~~3\*\* The Psychology of Recreation and Tourism~~

ORTM 405-3\*\*

Leadership Praxis

ORTM 409-3\*\*

Critical Approaches to Outdoor Recreation Activities

One of the following:

ANTH 405-3 Landscapes, Place and Culture

BIOL 333-3 Field School

BIOL 350-3 Ethnobotany

~~ENVS 306-3 Human Ecology~~

ENVS 325-3 Global Environmental Change: Science and Policy

HIST 421-3 Topics in Environmental History

NREM 333-3 Field Applications in Resource Management

~~Indigenous/Cultural Tourism~~

Communities and Tourism

FNST100-3

The Aboriginal Peoples of Canada

or HIST 215-3

Global History of Indigenous People

FNST 203-3

Introduction to Traditional Ecological Knowledge

or GEOG 206

Social Geography

or GEOG 301

Cultural Geography



One of the following:

- ENPL 208-3 First Nations Community and Environmental Planning
- ENPL 313-3 Rural Community Economic Development (CED)
- ENVS 210-3 Environmental Perspectives
- FNST 217-3 Contemporary Challenges Facing Aboriginal Communities
- GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making
- GEOG 306-3 Critical Development Geographies
- GEOG 324-3 Community-Based Research

Two of the following:

- BIOL 350-3 Ethnobotany
- ENPL 301-3 Sustainable Communities: Structure and Sociology
- ENPL 409-3 Advanced First Nations Community and Environmental Planning
- GEOG 301-3 Cultural Geography
- GEOG 403-3 First Nations and Indigenous Geographies
- GEOG 420-3 Environmental Justice
- GEOG 424-3 Northern Geographies
- GEOG 426-3 Geographies of Culture, Rights and Power
- HIST 390-3 Aboriginal People in Canada
- INTS 240-3 Contemporary Circumpolar North
- NORS 321-3 Peoples and Cultures of the Circumpolar World
- POLS 332-3  
Community Development
- WMST 209-3  
Gender and Cultural Studies

One of the following:

- ~~ORTM 403-3\*\*~~  
~~International Dimensions in Recreation and Tourism~~
  - ~~ORTM 407-3\*\*~~  
~~Recreation, Tourism and Communities~~
  - ORTM 307-3\*\*  
Land Relations and Communities in Recreation and Tourism
  - ORTM 405-3\*\*
- 
- Leadership Praxis

Environment and Society

- ENVS 101-3  
Introduction to Environmental Citizenship
- ENPL 205-3  
Environment and Society  
or ENPL 208-3 First Nations Community and Environmental Planning  
or ENVS 210-3 Environmental Perspectives

One of the following:

GEOG 204-3

Introduction to GIS

GEOG 205-3

Cartography and Geomatics

One of the following:

ENPL304-3 Mediation, Negotiation and Public Participation

ENVS 326-3 ~~Natural Resources, Environmental Issues and~~ Natural Resources, Environmental Issues and Public Engagement for Sustainability

NREM 306-3 Society, Policy and Administration

Two of the following:

ANTH 405-3 Landscapes, Place and Culture

ENPL 301-3 Sustainable Communities: Structure and Sociology

~~ENVS 306-3 Human Ecology~~

ENVS 309-3 ~~Gender, and Environmental, and Sustainability Studies~~

GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making

GEOG 420-3 Environmental Justice

GEOG 424-3 Northern Communities

HIST 421-3 Topics in Environmental History

\*\*Note: Students should note that some senior-level ORTM classes are offered in alternating years.

#### Course Prerequisites

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

#### Elective

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

#### Major in Nature-Based Tourism Management (Diploma Completion)

~~This 60-credit-hour program of study is available only to students with a 2-year diploma, in Environmental Studies, Natural Resources, Tourism, Sport or Recreation Studies, Commerce, Geography, or equivalent, and a minimum of a 2.00 Cumulative GPA.~~

Degree requirements: Two-year Diploma in Environmental Studies, Natural Resources, Tourism, Sport or Recreation Studies, Commerce, Geography, or equivalent, with a minimum Cumulative GPA of 2.00, plus (a) 42 credit hours of required courses; (b) 18 credit hours in an Area of Specialization; and (c) elective credit hours in any subject as necessary to ensure completion of a minimum of 60 credit hours (minimum 30 upper-division credit hours) at UNBC.

#### Curriculum:

##### Lower-Division Requirement (~~21~~ 24 credit hours)

BIOL 110-3

Introductory Ecology

**COMM 100-3**

Introduction to Canadian Business

**ECON 100-3**

Microeconomics

**NREM 100-3**

Field Skills

**ORTM 100-3**

Foundations of Outdoor Recreation and Tourism

**ORTM 200-3**

Sustainable Recreation and Tourism

**ORTM 205-3**

Outdoor Skills and Leadership

**ORTM 206-3**

Recreation and Leisure Programming

**Upper-Division Requirement (21 credit hours)**

**FNST 304-3**

Indigenous Environmental Philosophy

or NREM 303-3 Aboriginal Perspectives on Land and Resource Management

**ORTM 300-3**

Recreation and Tourism Impacts

**ORTM 333-3**

Field School

**Nine ~~Twelve~~ credit hours from of the following:**

**ORTM 305-3**

Protected Area Planning and Management

**ORTM 307-3\*\***

Land Relations and Communities in Recreation and Tourism

**~~ORTM 306-3\*\*~~**

~~Indigenous Tourism and Recreation~~

**ORTM 332-3**

Outdoor, Environmental, and Experiential Education

**ORTM 400-3**

Conservation Area Design and Management

**ORTM 401-3\*\* The Culture of Adventure**

**ORTM 405-3\*\***

Leadership Praxis

**~~ORTM 407-3\*\*~~**

~~Recreation, Tourism and Communities~~

**~~ORTM 408-3\*\*~~**

~~The Psychology of Recreation and Tourism~~

**ORTM 409-3\*\***

Critical Approaches to Outdoor Recreation Activities

**ORTM 433 (1-6) Field School II**

ORTM 440 (2-6) Internship  
ORTM 498 (1-3) Special Topics

~~\*\*Note: Some senior-level ORTM classes are offered in alternating years.~~

\*\*Note: Students should note that some senior-level ORTM classes are offered in alternating years.

### Area of Specialization

Students must choose one of the following Areas of Specialization.

Courses used to fulfill common degree requirements above may not be used to satisfy an Area of Specialization requirement.

1. Marketing and Entrepreneurship
2. Outdoor Education and Leadership
- ~~3. Indigenous/Cultural Tourism~~ 3. Communities and Tourism
4. Environment and Society

#### Marketing and Entrepreneurship

COMM 210-3

Financial Accounting

COMM 342-3

Services Marketing

or COMM 340-3 Marketing Communication

Two of the following:

COMM 340-3

Marketing Communication

COMM 343-3

Behavioural Marketing

COMM 346-3

Internet Marketing

COMM 441-3

International Marketing

COMM 442-3

Marketing Strategy

Two of the following:

COMM 230-3

Organizational Behaviour

COMM 300-3

Introduction to Business Law

COMM 303-3

Introduction to International Business

COMM 443-3

Marketing Research

ECON 305-3 Environmental Economics and Environmental Policy  
ENPL 313-3 Rural Community Economic Development (CED)  
GEOG 424-3 Northern Communities

**Outdoor Education and Leadership**

EDUC101-3 Introduction to Education  
EDUC 201-3 Education Theory and Practice  
ENVS 101-3 Introduction to Environmental Citizenship  
~~ORTM 408-3\*\*~~ ~~The Psychology of Recreation and Tourism~~  
ORTM 405-3\*\*  
Leadership Praxis  
ORTM 409-3\*\*  
Critical Approaches to Outdoor Recreation Activities

**One of the following:**

ANTH 405-3 Landscapes, Place and Culture  
BIOL 333-3 Field School  
BIOL 350-3 Ethnobotany  
~~ENVS 306-3 Human Ecology~~  
ENVS 325-3 Global Environmental Change: Science and Policy  
HIST 421-3 Topics in Environmental History  
NREM 333-3 Field Applications in Resource Management

**Indigenous/Cultural Tourism**  
**Communities and Tourism**

FNST100-3  
The Aboriginal Peoples of Canada  
or HIST 215-3  
Global History of Indigenous People  
FNST203-3  
Introduction to Traditional Ecological Knowledge  
or GEOG 206  
Social Geography  
or GEOG 301  
Cultural Geography

**One of the following:**

ENPL 208-3 First Nations Community and Environmental Planning  
ENPL 313-3 Rural Community Economic Development (CED)  
ENVS 210-3 Environmental Perspectives  
FNST 217-3 Contemporary Challenges Facing Aboriginal Communities  
GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making  
GEOG 306-3 Critical Development Geographies  
GEOG 324-3 Community-Based Research

Two of the following:

- BIOL350-3 Ethnobotany
- ENPL 301-3 Sustainable Communities: Structure and Sociology
- ENPL409-3 Advanced First Nations Community and Environmental Planning
- GEOG 301-3 Cultural Geography
- GEOG 403-3 First Nations and Indigenous Geographies
- GEOG 420-3 Environmental Justice
- GEOG 424-3 Northern Geographies
- GEOG 426-3 Geographies of Culture, Rights and Power
- HIST390-3 Aboriginal People in Canada
- INTS 240-3 Contemporary Circumpolar North
- NORS 321-3 Peoples and Cultures of the Circumpolar World
- POLS332-3  
Community Development
- WMST 209-3  
Gender and Cultural Studies

One of the following:

- ~~ORTM 403-3\*\*~~  
~~International Dimensions in Recreation and Tourism~~
  - ~~ORTM 407-3\*\*~~  
~~Recreation, Tourism and Communities~~
  - ORTM 307-3\*\*  
Land Relations and Communities in Recreation and Tourism
  - ORTM 405-3\*\*
- 
- Leadership Praxis

Environment and Society

- ENVS 101-3  
Introduction to Environmental Citizenship
- ENPL205-3  
Environment and Society  
or ENPL208-3 First Nations Community and Environmental Planning  
or ENVS 210-3 Environmental Perspectives

One of the following:

- GEOG 204-3  
Introduction to GIS
- GEOG 205-3  
Cartography and Geomatics

One of the following:

- ENPL304-3 Mediation, Negotiation and Public Participation
- ENVS 326-3 ~~Natural Resources, Environmental Issues and~~ Public Engagement for Sustainability
- NREM 306-3 Society, Policy and Administration

Two of the following:

- ANTH 405-3 Landscapes, Place and Culture
- ENPL 301-3 Sustainable Communities: Structure and Sociology
- ~~ENVS 306-3 Human Ecology~~
- ENVS 309-3 ~~Gender, and Environmental, and Sustainability Studies~~
- GEOG 305-3 Political Ecology: Environmental Knowledge and Decision-Making
- GEOG 420-3 Environmental Justice
- GEOG 424-3 Northern Communities
- HIST 421-3 Topics in Environmental History

**\*\*Note: Students should note that some senior-level ORTM classes are offered in alternating years.**

### **BA Honours – Nature-Based Tourism Management**

The Honours in Nature-Based Tourism Management offers students a higher level of education and substantial research experience for proceeding to postgraduate studies.

To enter the Honours Program, students must have completed 60 credit hours and obtained a minimum Cumulative GPA of 3.33. Attaining the minimum requirement ~~will~~ does not guarantee entry into the Honours Program, which ~~will be~~ is at the discretion of the Outdoor Recreation and Tourism Management Program.

Maintenance of a Cumulative GPA of 3.33 is required to remain in the Honours Program.

Honours students must complete the degree requirements for the BA in Nature-Based Tourism Management. In addition, each student must also complete an additional 6 credit hours in the form of an undergraduate thesis (NRES 430-6) under the supervision of a faculty member.

Note: Students are responsible to find their own undergraduate thesis research supervisor. Faculty members are under no obligation to supervise Honours students.

### **Minor in Outdoor Recreation and Tourism Management**

The minor in Outdoor Recreation and Tourism Management is designed to afford students an opportunity to gain foundational knowledge in tourism and recreation while pursuing another major. The minor requires students to take a total of 18 credit hours.

The minor has three required courses basic to the field of Outdoor Recreation and Tourism Management (9 credit hours) and a set of elective courses (minimum of 9 credit hours). A maximum of two courses (6 credit hours) used to fulfill program requirements for a major (or another minor) may also be used to fulfill requirements for this minor.

#### **Required Courses**

**ORTM 100-3**

**Foundations of Outdoor Recreation and Tourism**

One of the following:

- ORTM 200-3 Sustainable Recreation and Tourism
- ORTM 202-3 Ecotourism and Adventure Tourism
- ORTM 205-3 Outdoor Skills and Leadership
- ORTM 206-3 Recreation and Leisure Programming
- ORTM 300-3  
Recreation and Tourism Impacts

### Elective Courses

Nine credit hours from the following list with a minimum of 6 credit hours at the 400 level:

- ORTM 305-3 Protected Area Planning and Management
- ~~ORTM 306-3 Indigenous Tourism and Recreation~~
- ORTM 307-3 Land Relations and Communities in Tourism and Recreation
- ORTM 332-3 Outdoor, Environmental, and Experiential Education
- ORTM 401-3 The Culture of Adventure
- ORTM 405-3 Leadership Praxis
- ~~ORTM 403-3 International Dimensions in Recreation and Tourism~~
- ~~ORTM 407-3 Recreation, Tourism and Communities~~
- ~~ORTM 408-3 The Psychology of Recreation and Tourism~~
- ORTM 409-3 Critical Approaches to Outdoor Recreation Activities

### S-202103.24

#### **Change(s) to Program Requirements – Conservation Science and Practice**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the changes to the program requirements for the BSc Degree in Conservation Science and Practice Major in Wildland Conservation and Recreation on pages 80-81 (in the print or PDF calendar accessible on the UNBC web page) of the 2020/2021 undergraduate calendar, be approved as proposed.

Effective Date: September 2021

CARRIED Consent Agenda

### Conservation Science and Practice (BSc Program)

Ken Otter, Professor and Acting Chair

Annie Booth, Professor

Philip Burton, Professor

Arthur Fredeen, Professor

Dezene Huber, Professor

Chris Johnson, Professor

Kathy Lewis, Professor

Mark Shrimpton, Professor

Eduardo Martins, Assistant Professor

Sinead Earley, Assistant Professor

Ché Elkin, Associate Professor, and FRBC/Slocan Mixed Wood Ecology Chair (Ecosystem Science and Management)

Scott Green, Associate Professor

Phil Mullins, Associate Professor



Brent Murray, Associate Professor  
John Shultis, Associate Professor  
Oscar Venter, Associate Professor, and Forest Renewal BC Endowed Chair in Growth and Yield and Forest Valuations  
Pamela Wright, Associate Professor  
Ian Picketts, Adjunct Professor  
Richard Shuster, Adjunct Professor  
Roy Rea, Senior Lab Instructor  
Jennifer Wigglesworth, Assistant Professor

Website: [www.unbc.ca/conservation-science-practice](http://www.unbc.ca/conservation-science-practice)

Ecological systems underpin human well-being in many ways from art and culture to food security. Conservation professionals work to ensure that ecosystems will continue to provide these values for future generations. However, we are facing an increasingly complex set of challenges as human populations and resource development increase and the global climate changes. Meeting these challenges requires an integration of human and ecological values across a broad range of ecosystems at increasingly larger spatial and temporal scales.

Students pursuing a BSc in Conservation Science and Practice focus on understanding and addressing the contemporary challenges facing the sustainable use and conservation of our environment. Navigating these challenges requires a strong scientific foundation, including the necessary appreciation for both the natural and human dimensions of conservation and management. This degree equips students with the knowledge to enter a solutions-based career that actively contributes to solving today's conservation and management problems. Our goal is to provide students with the philosophical foundation, scientific theory, and technical skills to address the challenge of maintaining the functioning of ecosystems across developed, developing and still-wild landscapes.

The BSc in Conservation Science and Practice allows students to pursue one of two majors:

1. Wildland Conservation and Recreation
2. Landscape Conservation and Management

The major in Wildland Conservation and Recreation focuses on portions of the landscape where conservation values, including recreation and aesthetic values, are the priority land-use activities, and where these activities intersect with other values, priorities, and uses. Topics of study include: the promotion of and advocacy for conservation; integrated management of legally designated parks and protected areas; conservation area design; and human activities across these areas, including recreation, ecotourism and the associated positive and negative impacts on ecological integrity. Students develop the skills necessary to identify, plan, monitor, and manage conservation values within the parks, recreation and tourism sectors.

The major in Landscape Conservation and Management focuses on natural and human-modified systems across broad spatial scales. The emphasis in this major is on integrated landscapes that support a wide variety of values and activities, including the maintenance of biodiversity, the rights and practices of Indigenous Peoples, ecosystem services, and resource extraction. Courses in this major consider human activities across a range of ecological scales but with an emphasis on landscape and ecosystem-level processes. Graduates from the major develop the skills to work with cutting-edge tools and data that are necessary for the planning and management of multiple values across space and time.

Both majors are premised on an interdisciplinary and multi-value perspective. The degree is focused on the natural sciences, and draws on ideas, theory and practice from the social sciences. This broad perspective recognizes that humans are part of socio-ecological systems; thus, the human dimensions of conservation, management and natural sciences are integral components of the curriculum.

Major in Wildland Conservation and Recreation

**Program Requirements**

**Lower-Division Requirement**

**100 Level**

- BIOL 103-3**    **Introductory Biology I**
- BIOL 104-3**    **Introductory Biology II**
- BIOL 123-1**    **Introductory Biology I Laboratory**
- BIOL 124-1**    **Introductory Biology II Laboratory**
- CHEM 100-3**    **General Chemistry I**
- ENVS 101-3**    **Introduction to Environmental Citizenship**
- FNST 100-3**    **The Aboriginal Peoples of Canada**
- NREM 100-3\***    **Field Skills**
- ORTM 100-3**    **Foundations of Outdoor Recreation and Tourism**

\*Note: Applications for exemption from NREM 100-3 must be made within the first year of study in this major.

**200 Level**

- BIOL 201-3**    **Ecology**
- FSTY 201-3**    **Forest Plant Systems**  
                  **or BIOL 301-3**    **Systematic Botany**
- GEOG 204-3**    **Introduction to GIS**

**NREM 204-3** Introduction to Wildlife and Fisheries  
**NREM 209-3** The Practice of Conservation  
**ORTM 200-3** Sustainable Recreation and Tourism  
**ORTM 205-3** Outdoor Skills and Leadership  
**STAT 240-3** Basic Statistics

### **Upper-Division Requirement**

#### **300 Level**

**ENPL 304-3** Mediation, Negotiation and Public Participation  
or **ENVS 326-3** ~~Natural Resources, Environmental Issues and Public Engagement~~ Natural Resources, Environmental Issues and Public Engagement for Sustainability  
**GEOG 300-3** Intermediate GIS  
**NREM 303-3** Aboriginal Perspectives on Land and Resource Management  
**ORTM 300-3** Recreation and Tourism Impacts  
**ORTM 305-3** Protected Area Planning and Management  
**ORTM 332-3** Outdoor, Environmental and Experiential Education  
**ORTM 333-3** Field School

#### **Two of the following:**

**BIOL 302-3** Limnology  
**BIOL 304-3** Plants, Society and the Environment  
**BIOL 307-3** Ichthyology and Herpetology  
**BIOL 308-3** Ornithology and Mammalogy  
**BIOL 318-3** Fungi and Lichens  
**BIOL 322-3** Entomology  
**BIOL 323-3** Evolutionary Biology  
**BIOL 333-3** Field School  
**BIOL 350-3** Ethnobotany  
**NREM 333-3** Field Applications in Resource Management

#### **400 Level**

**BIOL 411-3** Conservation Biology  
**NREM 400-4** Natural Resources Planning  
**NREM 409-3** Conservation Planning  
**ORTM 400-3** Conservation Area Design and Management

Two of the following:

- ~~ORTM 306-3~~ — ~~Indigenous Tourism and Recreation~~
- ~~ORTM 403-3~~ — ~~International Dimensions of Resource Recreation and Tourism~~
- ~~ORTM 407-3~~ — ~~Recreation, Tourism and Communities~~
- ~~ORTM 408-3~~ — ~~The Psychology of Recreation and Tourism~~
- ORTM 307-3\*\* Land Relations and Communities in Recreation and Tourism
- ORTM 401-3\*\* The Culture of Adventure
- ORTM 405-3\*\* Leadership Praxis
- ORTM 409-3\*\* Critical Approaches to Outdoor Recreation Activities
- ORTM 433 (1-6) Field School II
- ORTM 440 (2-6) Internship
- ORTM 498 (1-3) Special Topics
- ORTM 499 (1-6) Independent Study

One of the following:

- BIOL 402-3 Aquatic Plants
- BIOL 404-3 Plant Ecology
- BIOL 406-3\* Fish Ecology
- BIOL 410-3\* Population and Community Ecology
- BIOL 412-3\* Wildlife Ecology
- BIOL 420-3\* Animal Behaviour
- BIOL 421-3 Insects, Fungi and Society

One of the following:

- BIOL 409-3 Conservation of Aquatic Ecosystems
- BIOL 413-3\* Wildlife Management
- BIOL 414-3\* Fisheries Management
- NREM 413-3 Agroforestry

**\*Note:** Prerequisites for these courses may be met by appropriate selection of courses in options listed in “Two of” and “One of” lists above.

**\*\*Note:** Students should note that some senior-level ORTM classes are offered in alternating years.

### Elective Requirements

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

### BSc Honours – Conservation Science and Practice (Wildland Conservation and Recreation)

The Honours in Conservation Science and Practice (Wildland Conservation and Recreation) offers students a higher level of education and substantial research experience for proceeding to post graduate studies.

To enter the Honours Program, students must have completed 60 credit hours and obtained a minimum Cumulative GPA of 3.33. Attaining the minimum requirement does not guarantee entry into the Honours Program, which ~~will be~~ is at the discretion of the Conservation Science and Practice Curriculum Committee. Maintenance of a Cumulative GPA of 3.33 is required to remain in the Honours Program.

Honours students are required to complete the degree requirements for the BSc Conservation Science and Practice (Wildland Conservation and Recreation). In addition, each student must also complete an additional 6 credit hours in the form of an undergraduate thesis (normally NRES 430-6) under the supervision of a faculty member.

Students are responsible to find their own undergraduate thesis research supervisor. Faculty members are under no obligation to supervise Honours students.

**S-202103.25**

**Course Reactivation – CHEM 704-3**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the reactivation of the parked course CHEM 704-3 Advanced Topics in Physical Chemistry be approved as proposed.

Effective Date: April 2021

CARRIED Consent Agenda

**S-202103.26**

**Exchange Agreements – Renewal**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the following exchange agreements be renewed and approved under the previously agreed upon terms and conditions for a period of five (5) years as proposed:

- University of Southern Denmark
- UiT The Arctic University of Norway, Tromsø
- University of Applied Sciences and Arts Northwestern Switzerland

Effective Date: Upon the completion of signing by both parties

CARRIED Consent Agenda

**S-202103.27**

**Exchange Agreements – Hebei University**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the exchange agreements with Hebei University be renewed for a period of five (5) years as proposed.

Effective Date: Upon the completion of signing by both parties

CARRIED Consent Agenda

**S-202103.28**

**MOU and Exchange Agreement – Roskilde University Denmark**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the MOU and exchange agreement with Roskilde University Denmark be renewed for a period of five (5) years as proposed.

Effective Date: Upon the completion of signing by both parties

CARRIED Consent Agenda

**S-202103.29**

**Exchange Agreements – Inland Norway University of Applied Sciences**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the exchange agreements with Inland Norway University of Applied Sciences be renewed for a period of five (5) years as proposed.

Effective Date: Upon the completion of signing by both parties

CARRIED Consent Agenda

**S-202103.30**

**Exchange Agreements – Massey University New Zealand**

Constantin

That on the recommendation of the Senate Committee on Academic Affairs, the exchange agreements with Massey University New Zealand be renewed for a period of five (5) years as proposed.

Effective Date: Upon the completion of signing by both parties

CARRIED Consent Agenda

### **11.2.1 SCAAF Art Acquisition Subcommittee (SAAS)**

#### **11.2.1.1 UNBC Arts Governance Resolution**

**Meletis**

Dr. Meletis, Chair of the SCAAF Art Acquisition Subcommittee presented the recommendations of SAAS.

#### **For Approval Items:**

##### **S-202103.31**

**BE IT RESOLVED** that SAAS and the UNBC Arts Council respectfully request immediate action by Nyce

Senate and UNBC's Leadership Team to strike a UNBC Arts Governance Working Group to undertake the following:

1. To redefine arts governance at UNBC;
2. To articulate a vision and future directions for the roles of art and art-related activities on campus;
3. To remove the responsibility of art management from the portfolio of the Northern BC Archives.  
OR ALTERNATIVELY, to investigate the provision of the additional resources to this department to enable it to effectively manage this university asset.
4. To define the parameters of a new curatorial position/art collections management program on campus.

CARRIED

### **11.3 Steering Committee of Senate**

**Payne**

#### **For Approval Items:**

##### **S-202103.32**

#### **Dissolution of the SCAAF Subcommittee on Academic Scheduling**

Nyce

That, on the recommendations of the Steering Committee on Senate and the Senate Committee on Academic Affairs, the SCAAF Subcommittee on Academic Scheduling (SSAS) be dissolved and subsequently be removed from the Senate Handbook.

Effective Date: March 24, 2021

CARRIED

##### **S-202103.33**

#### **Change(s) to the Senate Handbook**

Ho Younghusband

That, on the recommendation of the Steering Committee of Senate, the Terms of Reference for the Senate Committee on Academic Affairs and subsequently the Senate Handbook be approved.

Effective Date: April 1, 2021

CARRIED

##### **S-202103.34**

#### **Change(s) to the Senate Handbook**

Whalen

That, on the recommendation of the Steering Committee of Senate, the Terms of Reference for the Senate Committee on Scholarships and Bursaries and subsequently the Senate Handbook be approved.

Effective Date: April 1, 2021

CARRIED

**S-202103.35**

**Change(s) to the Senate Handbook**

Zogas

That, on the recommendation of the Steering Committee of Senate, the Senate Handbook be approved.

Effective Date: April 1, 2021

CARRIED

**11.4 Senate Committee on Nominations**

**For Approval Items:**

**S-202103.36**

**Recommendation of Senate Committee Members to Senate**

Zogas

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

Effective date: March 24, 2021

CARRIED

**SENATE COMMITTEE POSITION TO BE FILLED                      CANDIDATE**

(except as otherwise noted, all terms begin immediately)

**STEERING COMMITTEE OF SENATE**

Lay Senator (03/31/2024)

Dhruv Desai

**SENATE COMMITTEE ON ACADEMIC AFFAIRS**

Lay Senator (03/31/2023)

Janice Allen

**SCAAF ART ACQUISITION SUBCOMMITTEE**

Faculty Member knowledgeable in archaeology,  
visual arts, archives or heritage conservation (03/31/2024)

Sherry Beaumont

UNBC Faculty Member from the UNBC Arts  
Council (03/31/2022)

Zoë Meletis

**SENATE COMMITTEE ON CURRICULUM AND CALENDAR**

Faculty Senator (03/31/2024)

Christine Ho Younghusband

**SENATE COMMITTEE ON HONORARY DEGREES AND OTHER FORMS  
OF SPECIAL RECOGNITION**

Faculty Senator (03/31/2024)

Alina Constantin

Lay Senator (a member of the Alumni Association) (03/31/2024)

Andrea Palmer

The names of newly elected Senators with terms beginning April 1, 2021 were included in the meeting package.

**11.5 Senate Committee on Curriculum and Calendar**

No report.

**Annear**

**11.6 Senate Committee on Admissions and Degrees**

No report.

**Annear**

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

Verbal report only.

**Harder**

11.8 Senate Committee on Honorary Degrees and Special Forms of Recognition Payne  
No report.

11.9 Senate Committee on Scholarships and Bursaries Annear

**For Information Items:**

**SCSB20210224.03 (approved)**

**Allan & Susan MacDonald OT/PT Award**

That the new Terms and Conditions for the Allan & Susan MacDonald OT/PT Award be approved.

Effective Date: 2021-2022 Academic Year

**SCSB20210224.04 (approved)**

**Northern BC Nursing Scholarship**

That the new Terms and Conditions for the Northern BC Nursing Scholarship be approved.

Effective Date: 2021-2022 Academic Year

**SCSB20210224.05 (approved)**

**Revised Neil & Amelia Peterson Bursary**

That the revised Terms and Conditions for the Neil & Amelia Peterson Bursary be approved.

Effective Date: 2021-2022 Academic Year

**SCSB20210224.06 (approved)**

**Revised Phillips, Hager & North Investment Ltd. Bursary**

That the revised Terms and Conditions for the Phillips, Hager & North Investment Ltd. Bursary with a name change to Phillips, Hager & North Bursary be approved.

Effective Date: 2021-2022 Academic Year

**SCSB20210224.07 (approved)**

**Revised Yvette and Dollard Bock Health Research Award**

That the revised Terms and Conditions for the Yvette and Dollard Bock Health Research Award with a name change to Yvette and Dollard Bock Health Scholarship be approved.

Effective Date: 2021-2022 Academic Year

11.10 Senate Committee on University Budget Deo  
No report.

**12.0 Information**

None.

**13.0 Other Business**

None.

**14.0 S-202103.37**

**Move to the Closed Session**

Whalen

That the meeting move to Close Session.

CARRIED

**15.0 S-202103.44**

**Adjournment**

Ho Younghusband

That the Senate meeting be adjourned.

CARRIED

The meeting adjourned at 4:38 p.m.