

SENATE MEETING OPEN SESSION AGENDA

January 24, 2024 3:30 – 5:30 PM Senate Chambers

1.0 Acknowledgement of Territory

2.0 <u>S-202401.01</u> Approval of the Agenda †

- Page 1 That the agenda for the January 24, 2024, Open 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 **Presentation:** No Presentation
- 4.0 Approval of the Minutes

S-202401.02

Approval of the Minutes

Page 6 That the Minutes for the November 22, 2024, Open Session of Senate be approved as presented.

5.0 Business Arising

6.0

7.0

8.0

9.0

5.1	5.1 ChatGPT and other Artificial Intelligence (AI) Applications	
	5.1.1 Update on the AI Task Force	Rodgers
Presiden	nt's Report (10 minutes)	Payne
Report o	Report of the Provost (5 minutes)	
Report o	f the Registrar (5 minutes)	Read
Questior	Question Period (10 minutes)	
0.4	Written questions submitted in advance	

- 9.1 Written questions submitted in advance
- 9.2 Questions from the floor

Senate Public Session Agenda - January 2024

Page 2 of 5 Page 2 of 73

10.0 Approval of Motions on the Consent Agenda

S-202401.03

Approval of Motions on the Consent Agenda

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

11.0 **Committee Reports**

- 11.1 Senate Committee on Student Appeals
- 11.2 Senate Committee on Academic Affairs

For Approval:

S-202401.04 Page 13

New Academic Program - Joint Major in Geography and History Regular That the new Joint Major in Geography and History, be approved as proposed: Effective Date: September 2024

S-202401.05 Page 18

Reactivation of Courses – FNST 400-3 – Community Based Research Project, FNST 497-3-6 – Senior Consent **Project in First Nation Studies** That the reactivation of FNST 400-3 and FNST 497-3-6, be approved as proposed: Effective Date: September 2024

Page 20 S-202401.06

Regular New Course Approval – ENGL 487-3 – Animals in Literature or Visual Culture That the new course ENGL 487-3 Animals in Literature or Visual Culture be approved as proposed: Effective Date: September 2024

S-202401.07 Page 26

New Course Approval – ENGL 687-3 – Advanced Studies in Animals in Literature or Visual Culture Regular That the new course ENGL 687-3 Advanced Studies in Animals in Literature or Visual Culture be approved as proposed: Effective Date: September 2024

Page 32 S-202401.08

Change(s) to Program Requirements – Minor in History Regular That the changes to the Minor in History on page 158 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

Page 34 S-202401.09

Change(s) to Program Requirements – Minor in Mathematics Regular That the change(s) to the program requirements for the Minor in Mathematics on page 162 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

S-202401.10 Page 37

Consent Change(s) to Program Requirements - Joint Major in Economics and Mathematics (BSc) That the change(s) to the program requirements for Joint Major in Economics and Mathematics (BSc) on page 89 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

Page 40 S-202401.11

Change(s) to Course Prerequisites - MATH 230-3 - Ordinary Differential Equations and Boundary Consent Value Problems

Klassen-Ross

Rodgers

Payne

That the change to the course prerequisites for MATH 230-3 Ordinary Differential Equations and Boundary Value Problems, on page 272 of the 2023/2024 undergraduate calendar, be approved as proposed:

Effective Date: September 2024

S-202401.12 Page 42

Change(s) to Course Prerequisites - MATH 302-3 - Introductory Mathematical Analysis Consent That the change to the course prerequisites for MATH 302-3 Introductory Mathematical Analysis, on page 272 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

S-202401.13 Page 44

Change(s) to Course Prerequisite – MATH 481-3 – Analytic Number Theory Consent That the change to the course prerequisites for MATH 481-3 Analytic Number Theory, on page 274 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

S-202401.14 Page 46

Change(s) to Course Preclusion - MATH 200-3 - Calculus III Consent That the change to the course preclusion for MATH 200-3 Calculus III on page 271 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

Page 48 S-202401.15

Regular Change(s) to Calendar Entry – Bachelor of Science (Integrated)

That the listing for eligible courses for the upper-division requirement for the mathematics and statistics area of specialization for the Bachelor of Science (Integrated), on page 54 of the 2023/2024 undergraduate calendar, be approved as proposed: Effective Date: September 2024

11.3 Steering Committee of Senate

11.3.1 Update on Search and Recommendation for the Selection of the President and Vice-Chancellor Procedures

11.3.2 Joint Board and Senate Session – UNBC: Preparing the 21st Century University Student for Research and the Labour Market – February 2, 2024

11.4 Senate Committee on Nominations

Regular S-202401.16

Recommendation of Senate Committee Members to Senate

Durau 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: January 24, 2024

11.4.1 List of Senate Committee Vacancies

COMMITTEE	POSITION	TERM EXPIRY DATE
SCS	Student Senator	08/31/2024
SCN	Faculty Senator	03/31/2024
	Lay Senator	03/31/2024
SCAD	Graduate Student	08/31/2024
SCCC	Student Senator	08/31/2024
SCAAF	Graduate Student	08/31/2024
	Regional Representative 03/31/2026	

Payne

SCII		One Indigenous Undergraduate Student, appointed by Senate	08/31/2024	
SCUB		Graduate Student	08/31/2024	
		Undergraduate Student	08/31/2024	
	11.5	Senate Committee on Curriculum and Calendar		Read
	11.6	Senate Committee on Admissions and Degrees		Read
<u>For App</u>	oroval:			
Page 50 Regular	Cha That 2023	2401.17 nge(s) to Admission – Family Nurse Practitioner Program the change(s) to the Admission to Family Nurse Practitioner Pro -2024 Graduate Calendar be approved as proposed. ctive Date: September 2024	ogram section on page 92 of	the
	11.7	Senate Committee on Indigenous Initiatives		Payne
	11.8	Senate Committee on Honorary Degrees and Special Form	ns of Recognition	Payne
	11.9	Senate Committee on Scholarships and Bursaries	Wood-	Adams
<u>For</u>	Inforn	nation_		
Page 53	Page 53 SCSB20231122.03 (approved) UNBC Strong Start Tuition Credit That the NEW Terms and Conditions for UNBC Strong Start Tuition Credit be approved. Effective: 2023-2024 Academic Year			
Page 58	ge 58 SCSB20231122.04 (approved) Arrow Group Award That the NEW Terms and Conditions for the Arrow Group Award be approved. Effective: 2024-2025 Academic Year			
Page 60	ge 60 SCSB20231122.05 (approved) Deloitte Bursary That the REVISED Terms and Conditions for the Deloitte Bursary with a name change to Deloitte Indigenous Bursary be approved. Effective: 2024-2025 Academic Year			e
Page 62	ge 62 SCSB20231122.06 (approved) Deloitte Scholarship That the REVISED Terms and Conditions for the Deloitte Scholarship with a name change to Deloitte Indigenous Scholarship be approved. Effective: 2024-2025 Academic Year			eloitte
Page 64	Page 64 SCSB20231122.07 (approved) Mitsui Home Canada Inc. Scholarship That the REVISED Terms and Conditions for the Mitsui Home Inc. Scholarship with a name change to Mitsui Home Canada Inc. Award be approved. Effective: 2024-2025 Academic Year			ange to
	11.10 Senate Committee on University Budget Gehloft			Sehloff

12.0 Information

Page 66 12.1 Proposed 2024-25 Tuition (for information and discussion)

Rodgers/Somani

Notes:

1. 4.2 and 4.3 where specifically the % increase for undergraduate international tuition is stated.

2. This information is for information and discussion and the proposal is pending Board approval.

13.0 Other Business

14.0S-202401.18 (10 minutes)Move to the Closed SessionThat the meeting move to Closed Session.

15.0 <u>S-202401.33</u>

Adjournment

That the Senate meeting be adjourned.



Motion Number (assigned by Steering Committee of Senate): <u>S-202401.04</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW ACADEMIC PROGRAM PROPOSAL

Motion: That the new Joint Major in Geography and History be approved as proposed.

A. General Information

Program Title: BA Joint Major in Geography and History

Program Objectives: To create a pathway for those interested in pursuing undergraduate studies in history and human geography to obtain a single degree.

Credential upon Completion of the Program: BA Joint Major in Geography and History

Program Offering the Degree: The degree will be offered jointly by Geography and History.

Proposed Start Date: September 2024

- **Suggested Institutional Priority:** As an academic initiative that spans two Faculties and encourages greater interaction of students in Geography and History, we believe this new academic program should be given high priority.
- **Relationship of Proposed Program to the Mandate of the Institution:** The proposed joint major supports UNBC's mandate to establish a reputation for itself as a destination university by offering greater choice for students to span disciplinary boundaries in their programs of study.

Implications for the Cooperative Education Option: N/A

Specialties within Program: N/A

- Related Programs at Other Institutions: A joint major in Geography and History is offered at many universities in the UK (e.g., Oxford University, St. Andrews University, Leeds University), and some liberal arts institutions in the USA (e.g., Middlebury College). It can be obtained as a combined degree in a number of Canadian universities (e.g., McMaster University, Queen's University, Memorial University). To our knowledge, no other BC institution offers this as a joint degree.
- **Relation to Existing Programs:** The joint degree adds greater choice and opportunity for students interested in both Geography and History.
- Articulation Arrangement: No changes required to existing articulation arrangements in Geography or History

Consultations with Other Institutions: N/A



B. Program Description

General Calendar Description:

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

Curriculum:

Program Requirements

Lower-Division Requirement

GEOG 101-3 Planet Earth or GEOG 102-3 Earth from Above HIST 190-3 World History to 1550 HIST 191-3 World History since 1550

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

or GEOG 205-3 Cartography and Geomatics

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 224-3 World Regions: Inuit Nunangat
GEOG 225-3 Global Environmental Change
GEOG 298-3 Special Topics

Nine credit hours of History at the 200 level

Upper-Division Requirement

HIST 300-3 Historiography: The Nature of the Historical Discipline

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 Indigenous Geographies of Climate Resilience GEOG 416-3 Mountains GEOG 420-3 Environmental Justice GEOG 424-3 Northern Communities GEOG 426-3 Geographies of Culture, Rights and Power

Page 2 of 4 Template Updated: April 2021



Eighteen credit hours of History at the 300 or 400 level

Elective and Academic Breadth

Electives at any level in any subject sufficient 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 on *Academic Breadth*).

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: Employers value interdisciplinarity and breadth of methodological preparation in the Humanities and Social Sciences.
- **Other Benefits:** Greater choice in degree offerings provided to students at no additional cost (e.g., no new courses or faculty required). The degree requirements provide students with flexibility to complete the degree in a timely manner.

D. Faculty

Faculty list: The joint degree will involve Geography and History departments. No new faculty are required to deliver this degree.

Expected Teaching Loads: The degree can be offered within existing teaching rotations.

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: Anticipate very minor increase in time of academic advisors in the Faculties of Environment and Indigenous Studies, Social Sciences and Humanities

Operating Requirements: none

Capital Requirements: none

Start-up Costs: none

Special Resource Requirements: none

G. Library Resource Requirements (See attached form)

H. Evaluation

Page 3 of 4 Template Updated: April 2021



Academic Quality of Program: The joint degree is drawn from two of UNBC's longest-standing BA degree programs.

Methods of Internal Institutional Review: The joint degree will be included in the standard curriculum committee reviews in both academic units.

Relevant External Program Experts: Expect that the joint major will be part of respective program reviews of the Department of Geography, Earth and Environmental Sciences and the History Department.

I. <u>Miscellaneous</u>

Special Features: N/A

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

J. Authorization

SCCC Reviewed: November 9, 2023

Faculty(ies): Environment and Indigenous Studies, Social Sciences and Humanities

Faculty Council Motion Number(s): FISSSHFC.2023.11.16.05

Faculty Council Approval Date(s): November 16, 2023

Faculty Council Motion Number(s): FEFC 2023:12:14:03

Faculty Council Approval Date(s): Dec 14, 2023

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING				
Brief Summary of Com	Brief Summary of Committee Debate:			
Motion No.:	SCAAF 202301.03			
Moved by: Allan Kranz		Seconded by: Trina Fyfe		
Committee Decision:	CARRIED			
Approved by SCAAF:	<u>January 10, 2024</u> Date	Chair's Signature		
For recommendation to	o, or information of _	Senate.		

Page 4 of 4 Template Updated: April 2021



Library Resource Requirements Form (to be submitted with SCAAF New Academic Program Proposal Motion Form)

NEW ACADEMIC PROGRAM PROPOSAL: Joint Major in Geography and History

G. Library Resource Requirements (to be completed by Librarians) (Insert material as appropriate)

The library can support this academic program without any additional resources

1. Space Requirements:

- a) holdings: none
- b) study / work: none

2. Library Administrative Support Requirements:

none

3. Capital Requirements (other than new course-specific):

none

4. Holdings Requirements (List all new courses that carry new holdings requirements, and include total cost):

none

Susie Wilson

November 3, 2023

Date

University Librarian (or designate) signature

SCAAF New Academic Program Proposal Library Form Motion submitted by: **Dr. Dana Wessell Lightfoot and Dr. Catherine Nolin** Date of submission or latest revision: **November 2023** Page 1 of 1 Template Updated: August 2008

Page 17 of 73



Motion Number (assigned by Steering Committee of Senate): <u>S-202401.05</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the reactivation of FNST 400-3 and FNST 497-(3-6) be approved as proposed.
- 1. Effective date: September 2024
- <u>Rationale for the proposed revisions</u>: FNST 400-3 and FNST 497-(3-6) were parked as per Senate motion S-202205.16. The program wishes to offer these courses again in the BA Nisga'a Language Fluency program.
- 3. Implications of the changes for other programs, etc., if applicable: None
- 4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

[2021/22 calendar entry]

FNST 400-3 Community-Based Research Project Group projects will be undertaken in partnership with a community or organization under the supervision of a faculty member.

Prerequisites: FNST 300-3

FNST 497-(3-6) Senior Project in First Nations Studies

Prerequisites: must be in final year of study and majoring in First Nations Studies; permission of Program Chair

5. <u>Proposed revision with changes underlined</u> and deletions indicated clearly using "strikethrough":

FNST 400-3 Community-Based Research Project Group projects will be undertaken in partnership with a community or organization under the supervision of a faculty member.

Prerequisites: FNST 300-3

FNST 497-(3-6) Senior Project in First Nations Studies

Prerequisites: must be in final year of study and majoring in First Nations Studies; permission of Program Chair

6. <u>Authorization</u>:

SCCC Reviewed: N/A

Program / Academic / Administrative Unit: First Nations Studies

Faculty: Indigenous Studies, Social Sciences and Humanities



Faculty Council Motion Number: N/A

Faculty Council Approval Date: N/A

Senate Committee on Indigenous Initiatives Motion Number:

Senate Committee on Indigenous Initiatives Meeting Date:

7. Other Information

Attachment Pages: <u>0</u> pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING				
Brief Summary of Co	mmittee Debate:			
Motion No.:	SCAAF202401.04			
Moved by: Allan Kran	Z	Seconded by: Trina Fyfe		
Committee Decision:	Committee Decision: CARRIED			
Approved by SCAAF:	<u>January 10, 2024</u> Date	Chair's Signature		
For recommendation to <u>v</u> , or information of <u>Senate</u> .				





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.06</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course ENGL 487-3 Animals in Literature or Visual Culture be approved as follows:

A. Description of the Course

This course invites students to examine the world of human-animal studies through literature or visual media. Individual instructors may choose to focus on literature or visual media (e.g., film) or both. This course may be repeated to a maximum of 6 credit hours with permission of the instructor and Department Chair if the subject matter of the course differs substantially.

- 1. Proposed semester of first offering: September 2024
- 2. Academic Program: English
- 3. Course Subject, Number*, and Credit hours (e.g. CHEM 210-3): ENGL 487-3
- 4. Course Title: Animals in Literature or Visual Culture

5. Goal(s) of Course: To introduce students to the representation of animals in literature or visual culture, along with relevant animal-studies debates, theories, and approaches. Several faculty in the English department have research and teaching interests in animal studies; some of the course material in this new course would complement ecocritical material in existing courses.

6. Calendar Course Description:

This course invites students to examine the world of human-animal studies through literature or visual media. Individual instructors may choose to focus on literature or visual media (e.g., film) or both. This course may be repeated to a maximum of 6 credit hours with permission of the instructor and Department Chair if the subject matter of the course differs substantially.

- 7. Credit Hours: <u>3</u> 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?

Yes* X

- * <u>If "yes,"</u> please indicate the maximum number** of credit hours which may be applied to a student's degree using this course: <u>6</u>
- ** 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

SCAAF New Course Approval Motion Form Motion submitted by: **Karin Beeler** Date of submission or latest revision: **November 9, 2023** Page 1 of 5 Template Updated: August 2013



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

Variable credit is denoted by the following examples:

i) "3-6": in this example, the course may be offered for 3, 4, 5, <u>OR</u> 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	Seminar	3
Laboratory	Other (please specify)	

9. Prerequisites (taken prior): 3rd year standing or 60 credit hours

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

(Check one) each year _____

alternating years X

16. Proposed text / readings:

Possible texts may include but are not limited to:

Linda Kalof and Amy Fitzgerald, eds. *The Animals Reader: The Essential Classic and Contemporary Writings.* 2nd edition. Routledge, 2021.

Francis Coventry, The History of Pompey the Little. Broadview Press, 2008.

Jack London, Call of the Wild, White Fang, and Other Stories. Oxford World Classics, 2009.

J. M. Coetzee, *The Lives of Animals.* Princeton University Press, 2016.

Yann Martel, The Life of Pi. Canongate Books, 2012.

Georgi Vladmov, Faithful Ruslan. Penguin, 2011.

Virginia Woolf, Flush. Oxford Worlds Classics, 2009.

Richard Adams, Plague Dogs. Vintage, 2016.

Sterling North, Rascal. Puffin Books, 2004.

André Alexis, Fifteen Dogs: An Apologue. Coach House Books, 2015.

Art Spielgelman, Maus: A Survivor's Tale. Pantheon Books, 1986.

Brian K. Vaughan (illustrated by Niko Henrichon), Pride of Baghdad. Vertigo, 2006.

Possible Films may include the following:

March of the Penguins, 2005 Babe,1995 Zootopia, 2016 The Fly, 1986 White God, 2014 Beasts of the Southern Wild, 2013 Food, Inc. 2008 Deep Blue Sea, 1999 or Jaws, 1975 District 9, 2009 Blackfish, 2013

B. Significance Within Academic Program

- 1. Anticipated enrolment 20
- 2. If there is a proposed enrolment limit, state the limit and explain: <u>20 to facilitate seminar work</u>
- 3. Required for: Major: _____ Minor: _____ Other: _____
- 4. Elective in: Major: English Minor: English Other:
- 5. Course required by another major/minor: none
- 6. Course required or recommended by an accrediting agency: no
- 7. Toward what degrees will the course be accepted for credit? BA

8. What other courses are being proposed within the Program this year? Possible 200 level course, ENGL 687 (cross-list)

9. What courses are being deleted from the Program this year? ENGL 102 and ENGL 103

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: n/a
- 4. Has this overlap been discussed with the Program concerned? n/a
- 5. In offering this course, will UNBC require facilities or staff at other institutions?

No <u>X</u>

If yes, please describe requirements: n/a

- 6. Is this course replacing an existing course that is included in one or more transfer agreements with external institutions?
 - No <u>X</u>

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.): none
 - iii: Library Holdings: See attached form (complete "Library Holdings" Form and submit with motion form)
 - iv. Computer (time, hardware, software): none
- E. Additional Attached Materials (if applicable; please list)

F. Other Considerations

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

**If "yes," refer the motion to the Senate Committee on Indigenous Initiatives prior to SCAAF.

- 2. Other Information:
- 3. Attachment Pages (in addition to required "Library Holdings" Form): _____ pages

G. Authorization

SCCC Reviewed: October 12, 2023

- 1. Faculty: Indigenous Studies, Social Sciences and Humanities (FISSSH)
- 2. Faculty Council Motion Number: FISSSHFC.2023.11.16.03
- 3. Faculty Council Approval Date: November 16, 2023
- 4. Senate Committee on Indigenous Initiatives Motion Number: N/A
- 5. Senate Committee on Indigenous Initiatives Meeting Date: N/A

INFORMATION TO BE COMPLETED BY RECORDING SECRETARY AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING				
Brief Summary of Co	Brief Summary of Committee Debate:			
Motion No.:	SCAAF 202401.05			
Moved by: Clarence Hof	sink	Seconded by: Todd Whitcombe		
Committee Decision:	CARRIED			
Approved by SCAAF	<u>January 10, 2024</u> Date	Chair's Signar		
For recommendation to \checkmark , or information of Senate.				

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

(Please complete the sections highlighted in blue in the footer of this document)

PROPOSED NEW COURSE: (ENGL 487-3 Animals in Literature or Visual Culture)

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

a) Are current library holdings adequate? Yes <u>x</u> 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

Nov, 7, 2023

Date

SCAAF New Course Approval Library Form Motion submitted by: Karin Beeler, Department of English Date of submission or latest revision: November 7, 2023 Page 1 of 1 Template Updated: August 2008

Page 25 of 73



Motion Number (assigned by Steering Committee of Senate): <u>SS-202401.07</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

NEW COURSE APPROVAL MOTION FORM

Motion: That the new course ENGL 687-3 Advanced Studies in Animals in Literature or Visual Culture be approved as follows:

A. <u>Description of the Course</u>

This course invites students to examine the world of human-animal studies through literature or visual media. Individual instructors may choose to focus on literature or visual media (e.g. film) or both. This course may be repeated to a maximum of 6 credit hours with permission of the instructor and Department Chair if the subject matter of the course differs substantially.

- 1. Proposed semester of first offering: September 2024
- 2. Academic Program: English
- 3. Course Subject, Number*, and Credit hours (e.g. CHEM 210-3): ENGL 687-3
- 4. Course Title: Advanced Studies in Animals in Literature or Visual Culture

5. Goal(s) of Course: To introduce students to the representation of animals in literature or visual culture, along with relevant animal-studies debates, theories, and approaches. Several faculty in the English department have research and teaching interests in animal studies; some of the course material in this new course would complement ecocritical material in existing courses.

6. Calendar Course Description:

This advanced course invites students to examine the world of human-animal studies through literature or visual media. Individual instructors may choose to focus on literature or visual media (e.g., film) or both. This course may be repeated to a maximum of 6 credit hours with permission of the instructor and Department Chair if the subject matter of the course differs substantially.

- 7. Credit Hours: ______ 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?

Yes* <u>X</u>

* <u>If "yes,"</u> please indicate the maximum number** of credit hours which may be applied to a student's degree using this course: <u>6</u>

Page 26 of 73

** 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 Variable credit is denoted by the following examples: "3-6": in this example, the course may be offered for 3, 4, 5, OR 6 credit hours during a single i) offering. In this example, the course number would be expressed as CHEM 210-(3-6). 8. Contact Hours (per week): 3 Seminar Lecture Other (please specify) _____ Laboratory 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 (Check one) each year alternating years X 16. Proposed text / readings: Possible texts may include but are not limited to:

Linda Kalof and Amy Fitzgerald, eds. *The Animals Reader: The Essential Classic and Contemporary Writings.* 2nd edition. Routledge, 2021.

Francis Coventry, The History of Pompey the Little. Broadview Press, 2008.

Jack London, Call of the Wild, White Fang, and Other Stories. Oxford World Classics, 2009.

J. M. Coetzee, The Lives of Animals. Princeton University Press, 2016.

Yann Martel, The Life of Pi. Canongate Books, 2012.

Georgi Vladmov, Faithful Ruslan. Penguin, 2011.

Virginia Woolf, Flush. Oxford Worlds Classics, 2009.

Richard Adams, Plague Dogs. Vintage, 2016.

Sterling North, Rascal. Puffin Books, 2004.



André Alexis, Fifteen Dogs: An Apologue. Coach House Books, 2015.

Art Spielgelman, Maus: A Survivor's Tale. Pantheon Books, 1986.

Brian K. Vaughan (illustrated by Niko Henrichon), Pride of Baghdad. Vertigo, 2006.

Possible Films may include the following:

March of the Penguins, 2005 Babe,1995 Zootopia, 2016 The Fly, 1986 White God, 2014 Beasts of the Southern Wild, 2013 Food, Inc. 2008 Deep Blue Sea, 1999 or Jaws, 1975 District 9, 2009 Blackfish, 2013

B. Significance Within Academic Program

- 1. Anticipated enrolment 5-7
- 2. If there is a proposed enrolment limit, state the limit and explain: <u>10 to facilitate seminar work</u>
- 3. Required for: Major: _____ Minor: _____ Other: _____
- 4. Elective in: Major: English (Graduate) Minor: Other:
- 5. Course required by another major/minor: none
- 6. Course required or recommended by an accrediting agency: no
- 7. Toward what degrees will the course be accepted for credit? MA

8. What other courses are being proposed within the Program this year? ENGL 487 (cross-list) and possible 200 level course

9. What courses are being deleted from the Program this year? ENGL 102 and ENGL 103

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: n/a
- 4. Has this overlap been discussed with the Program concerned? n/a
- 5. In offering this course, will UNBC require facilities or staff at other institutions?



No <u>X</u>

If yes, please describe requirements: n/a

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

No <u>X</u>

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

D. <u>Resources required</u>

- 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.): none
 - **iii: Library Holdings:** See attached form (complete "Library Holdings" Form and submit with motion form)
 - iv. Computer (time, hardware, software): none
- E. Additional Attached Materials (if applicable; please list)

F. Other Considerations

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

**If "yes," refer the motion to the Senate Committee on Indigenous Initiatives prior to SCAAF.

- 2. Other Information:
- 3. Attachment Pages (in addition to required "Library Holdings" Form): _____ pages

G. Authorization

SCCC Reviewed: October 12, 2023

- 1. Faculty: Indigenous Studies, Social Sciences and Humanities (FISSSH)
- 2. Faculty Council Motion Number: FISSSHFC.2023.11.16.04
- 3. Faculty Council Approval Date: November 16, 2023
- 4. Senate Committee on Indigenous Initiatives Motion Number: N/A
- 5. Senate Committee on Indigenous Initiatives Meeting Date: N/A



INFORMATION TO BE COMPLETED BY RECORDING SECRETARY AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING		
Brief Summary of Co	mmittee Debate:	
Motion No.:	SCAAF 202401.06	
Moved by: Clarence Hof	isink	Seconded by: Todd Whitcombe
Committee Decision:	CARRIED	
Approved by SCAAF	: January 10, 2024 Date	 Chair's Signature
For recommendation to \checkmark , or information of Senate.		



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

(Please complete the sections highlighted in blue in the footer of this document)

PROPOSED NEW COURSE: (ENGL 687-3 Advanced Studies in Animals in Literature or Visual Culture)

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

a)	Are current library holdings adequate?	Yes _	Х	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

Nov 7, 2023

Date

SCAAF New Course Approval Library Form Motion submitted by: Karin Beeler, Department of English Date of submission or latest revision: November 7, 2023 Page 1 of 1 Template Updated: August 2008

Page 31 of 73



Motion Number (assigned by Steering Committee of Senate): <u>S-202401.08</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the changes to the Minor in History on page 158 of the 2023/2024 undergraduate calendar, be approved as requested.
- 1. Effective date: September 2024
- 2. <u>Rationale for the proposed revisions</u>: The calculation of the credits is incorrect in the Minor in History description in the 2023/2024 undergraduate calendar on page 158. At present, the prescribed requirements add up to 27 hours rather than the "at least 24 credit hours of History" indicated in the calendar entry. This motion revises the prescribed upper-level courses from 18 to 15 SCH to meet the correct total credit hours for the History minor.
- 3. Implications of the changes for other programs, etc., if applicable: None
- 4. <u>Reproduction of current Calendar entry for the item to be revised</u>:

Minor in History

The minor in History provides students with an understanding of how to evaluate historical sources and historical writings and with specialized knowledge of historical processes in fields of the student's choosing. The minor in History requires students to take at least 24 credit hours of History, 18 of which must be upper-division. 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 a minor in History.

5. <u>Proposed revision with changes underlined and deletions indicated clearly using "strikethrough"</u>:

Minor in History

The minor in History provides students with an understanding of how to evaluate historical sources and historical writings, and with specialized knowledge of historical processes in fields of the student's choosing. The minor in History requires students to take at least 24 credit hours of History, 18 15 of which must be upper-division. 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 a minor in History.

6. <u>Authorization</u>:

SCCC Reviewed: November 9, 2023

Program / Academic / Administrative Unit: History

Faculty(ies): Indigenous Studies, Social Sciences and Humanities

Faculty Council Motion Number: FISSSHFC.2023.11.16.06

Faculty Council Approval Date: November 16, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A



Senate Committee on Indigenous Initiatives 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 Co	ommittee Debate:	
Motion No.:	SCAAF 202401.07	
Moved by: Allan Kranz		Seconded by: Clarence Hofsink
Committee Decision	CARRIED	
Approved by SCAAF	: <u>January 10, 2024</u> Date	Chair's Signature
For recommendation to \checkmark , or information of Senate.		





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.09</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the changes to the program requirements for the Minor in Mathematics on page 162 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024

2. Rationale for the proposed revisions:

This change is consistent with the change to the program requirements for BSc Mathematics. MATH 202-3 and MATH 204-3 replaced MATH 200-3.

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

These changes only affect the Mathematics and Statistics department.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

Minor in Mathematics

The minor in Mathematics requires students to take 27 credit hours, 12 of which must be upper-division credit hours.

There is no limit to the number of courses that may be used to fulfill program requirements for a major (or another minor) and also a minor in Mathematics.

MATH 342-3 (Biostatistics) may not be used for credit towards the 12 credit hours of upper-division Mathematics course requirements for the Mathematics minor.

Requirements

100 Level

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

200 Level MATH 200-3 Calculus III MATH 220-3 Linear Algebra

Twelve additional credit hours in Mathematics or Statistics at the 300 or 400 level.

5. <u>Proposed revision with changes underlined</u> and deletions indicated clearly using "strikethrough":

Minor in Mathematics

The minor in Mathematics requires students to take 27 credit hours, 12 of which must be upper-division credit hours.



There is no limit to the number of courses that may be used to fulfill program requirements for a major (or another minor) and also a minor in Mathematics.

MATH 342-3 (Biostatistics) may not be used for credit towards the 12 credit hours of upper-division Mathematics course requirements for the Mathematics minor.

Requirements

100 Level

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

200 Level MATH 200-3 Calculus III MATH 202-3 Multivariable Calculus I MATH 220-3 Linear Algebra

Twelve additional credit hours in Mathematics or Statistics at the 300 or 400 level-

6. <u>Authorization</u>:

SCCC Reviewed: November 9, 2023

Program / Academic / Administrative Unit: Mathematics & Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.12.12.09

Faculty Council Approval Date(s): Dec 15, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives 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 Cor	nmittee Debate:	
Motion No.:	SCAAF 202401.08	
Moved by: Todd Whitcon	nbe	Seconded by: Allan Kranz
Committee Decision:	CARRIED	
Approved by SCAAF:	January 10, 2024 Date	Washw Chair's Signature
For recommendation	to \checkmark , or information of _	Senate.





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.10</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change(s) to the program requirements for Joint Major in Economics and Mathematics (BSc) on page 89 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024
- <u>Rationale for the proposed revisions</u>: This change is consistent with the change to the program requirement for BSC Mathematics. MATH 202-3 and MATH 204-3 replaced MATH 200-3, and the renumbering of MATH 201-3 to MATH 301-3.
- 3. <u>Implications of the changes for other programs, etc., if applicable:</u> This change affects the Economics program and they have agreed with this change.
- 4. Reproduction of current Calendar entry for the item to be revised:

Program Requirements

Literacy Requirement

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

Economics Requirements

ECON 100-3 Microeconomics ECON 101-3 Macroeconomics

Two of the following:

ECON 204-3 Contemporary Economic Issues ECON 206-3 Methods of Economic Evaluation ECON 210-3 Introduction to Health Economics and Policy ECON 220-3 Global Economic Shifts Economics And: ECON 205-3 Statistics for Business and the Social Sciences ECON 310-3 Intermediate Microeconomic Theory ECON 311-3 Intermediate Macroeconomic Theory ECON 312-3 Introduction to Econometrics ECON 320-3 Introduction to Mathematical Economics ECON 451-3 Advanced Microeconomic Theory

Twelve additional credit hours of 300- or 400-level Economics.

Mathematics Requirements

MATH 100-3 Calculus I MATH 101-3 Calculus II



MATH 200-3 Calculus III MATH 201-3 Introduction to Complex Analysis MATH 220-3 Linear Algebra MATH 224-3 Foundations of Modern Mathematics MATH 230-3 Ordinary Differential Equations and Boundary Value Problems MATH 320-3 Survey of Algebra or MATH 302-3 Introductory Mathematical Analysis

STAT 371-3 Probability and Statistics for Scientists and Engineers

Six additional credit hours of 300- or 400-level Mathematics (STAT 372-3 is strongly recommended). Six additional credit hours of 400-level Mathematics.

Program Requirements

CPSC 100-4 Computer Programming I

Elective and Academic Breadth

Elective credit hours as necessary to ensure completion of a minimum of 121 credit hours including any additional credit hours necessary to meet the Academic Breadth requirement of the University (see Academic Regulation on Academic Breadth).

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

Program Requirements

Literacy Requirement

One of the following:

ENGL 170-3 Writing and Communication Skills ENGL 270-3 Expository Writing

Economics Requirements

ECON 100-3 Microeconomics ECON 101-3 Macroeconomics

Two of the following:

ECON 204-3 Contemporary Economic Issues ECON 206-3 Methods of Economic Evaluation ECON 210-3 Introduction to Health Economics and Policy ECON 220-3 Global Economic Shifts Economics

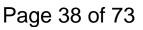
And:

ECON 205-3 Statistics for Business and the Social Sciences ECON 310-3 Intermediate Microeconomic Theory ECON 311-3 Intermediate Macroeconomic Theory ECON 312-3 Introduction to Econometrics ECON 320-3 Introduction to Mathematical Economics ECON 451-3 Advanced Microeconomic Theory

Twelve additional credit hours of 300- or 400-level Economics.

Mathematics Requirements

MATH 100-3 Calculus I MATH 101-3 Calculus II MATH 200-3 Calculus III MATH 202-3 Multivariable Calculus I MATH 204-3 Multivariable Calculus II MATH 201-3 Introduction to Complex Analysis



MATH 220-3 Linear Algebra MATH 224-3 Foundations of Modern Mathematics MATH 230-3 Ordinary Differential Equations and Boundary Value Problems <u>MATH 301-3 Introduction to Complex Analysis</u> MATH 320-3 Survey of Algebra or MATH 302-3 Introductory Mathematical Analysis STAT 371-3 Probability and Statistics for Scientists and Engineers

Six additional credit hours of 300- or 400-level Mathematics (STAT 372-3 is strongly recommended). Six additional credit hours of 400-level Mathematics.

Program Requirements

CPSC 100-4 Computer Programming I

Elective and Academic Breadth

Elective credit hours as necessary to ensure completion of a minimum of 121 credit hours including any additional credit hours necessary to meet the Academic Breadth requirement of the University (see Academic Regulation on Academic Breadth).

6. Authorization:

SCCC Reviewed: October 12, 2023

Program / Academic / Administrative Unit: Mathematics and Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.11.14.06

Faculty Council Approval Date(s): Nov 14, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information Attachment Pages: 0 pages

INFORMATION TO BE	E COMPLETED AFTER SEN	NATE COMMITTEE ON ACADEMIC AFFAIRS
Brief Summary of Co	mmittee Debate:	
Motion No.:	SCAAF 202401.09	
Moved by: Allan Kranz		Seconded by: Todd Whitcombe
Committee Decision:	CARRIED	
Approved by SCAAF:	January 10, 2024 Date	Chair's Signature
For recommendation	to, or informatio	n of Senate.

SCAAF Proposed Revision of Calendar Entry Motion Form Motion submitted by: **Dan Ryan** Date of submission or latest revision: **September 14, 2023** Page 3 of 3 Template Updated: June 2023





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.11</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change to the course prerequisites for MATH 230-3 Ordinary Differential Equations and Boundary Value Problems, on page 272 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024
- 2. Rationale for the proposed revisions:

The Major in Mathematics now requires students to take both MATH 202-3 and MATH 204-3 instead of MATH 200-3. The proposed revision reflects this change and is needed to allow students majoring in mathematics to complete their degree requirements.

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

MATH 230 is a required course in the Computer Science Honours, Civil Engineering, Environmental Engineering, and Physics programs. It is also a requirement of the Joint Majors in Chemistry and Mathematics, Chemistry and Physics, Computer Science and Physics, Economics and Mathematics, and Mathematics and Physics.

We consulted with the above listed programs who indicated this change would not be a problem for them.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

MATH 230-3 Ordinary Differential Equations and Boundary Value Problems This course introduces basic theory and application of ordinary differential equations and boundary value problems. Topics include: first order differential equations (separable, linear, homogeneous, Bernoulli and exact equations); linear second order and higher order equations (linear independent solutions, method of undetermined coefficients and variation of parameters); linear systems of ordinary differential equations; basic numerical methods (Euler and Runge-Kutta methods); and solutions to linear partial differential equations (heat, wave, Laplace's equation) using separation of variables and Fourier series.

Prerequisites: MATH 200-3 Corequisites: MATH 220-3

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

MATH 230-3 Ordinary Differential Equations and Boundary Value Problems This course introduces basic theory and application of ordinary differential equations and boundary value problems. Topics include: first order differential equations (separable, linear, homogeneous, Bernoulli and exact equations); linear second order and higher order equations (linear independent solutions, method of undetermined coefficients and variation of parameters); linear systems of ordinary differential equations; basic numerical methods (Euler and Runge-Kutta methods); and solutions to linear partial differential equations (heat, wave, Laplace's equation) using separation of variables and Fourier series.

Prerequisites: MATH 200-3 or MATH 202-3 Corequisites: MATH 220-3



6. <u>Authorization</u>:

SCCC Reviewed: November 9, 2023

Program / Academic / Administrative Unit: Mathematics & Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.12.15.08

Faculty Council Approval Date(s): Dec 15, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information

Attachment Pages: 0

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING				
Brief Summary of Committee Debate:				
Motion No.:	SCAAF 202401.10			
Moved by: Geoff Payne		Seconded by: Todd Whitcombe		
Committee Decision: CARRIED				
Approved by SCAAF:	January 10, 2024 Date	Chair's Signature		
For recommendation to <u> </u>				





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.12</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change to the course prerequisites for MATH 302-3 Introductory Mathematical Analysis, on page 272 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024

2. Rationale for the proposed revisions:

The content of MATH 201-3 (renamed 301-3) is not required for this course.

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

MATH 302 is required for the Joint Major in Economics and Mathematics.

The Economics program has been consulted and they indicated this change would not be a problem for them.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

MATH 302-3 Introductory Mathematical Analysis This course develops the essential components of metric space topology and the related ideas of convergence including convergence of sequences and series of functions. Topics include open, closed, bounded and compact sets in a metric space, the Bolzano-Weierstrass and Heine-Borel Theorems, continuous and uniformly continuous functions, and uniform convergence.

Prerequisites: MATH 101-3 and MATH 224-3 Strongly Recommended: MATH 201-3 Precluded: MATH 223-3 and MATH 300-3

5. <u>Proposed revision with changes underlined</u> and deletions indicated clearly using "strikethrough":

MATH 302-3 Introductory Mathematical Analysis This course develops the essential components of metric space topology and the related ideas of convergence including convergence of sequences and series of functions. Topics include open, closed, bounded and compact sets in a metric space, the Bolzano-Weierstrass and Heine-Borel Theorems, continuous and uniformly continuous functions, and uniform convergence.

Prerequisites: MATH 101-3 and MATH 224-3 Strongly Recommended: MATH 201-3 Precluded: MATH 223-3 and MATH 300-3



6. <u>Authorization</u>:

SCCC Reviewed: October 12, 2023

Program / Academic / Administrative Unit: Mathematics and Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.11.14.04

Faculty Council Approval Date(s): Nov 14, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information

Attachment Pages: 0

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ACADEMIC AFFAIRS MEETING				
Brief Summary of Committee Debate:				
Motion No.:	SCAAF 202401.11			
Moved by: Todd Whitcombe		Seconded by: Allan Kranz		
Committee Decision: CARRIED				
Approved by SCAA	F: <u>January 10, 2024</u> Date	Chair's Signature		
For recommendation to \checkmark , or information of Senate.				





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.13</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change to the course prerequisites for MATH 481-3 Analytic Number Theory, on page 274 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024
- 2. Rationale for the proposed revisions:

MATH 201-3 has been renumbered as MATH 301-3.

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

MATH 481 is not required by any program and so this change has no implication for any other program.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

MATH 481-3 Analytic Number Theory This is a first course in analytic number theory. This course covers the following topics, with other topics as time permits: arithmetic functions and their average orders; prime counting functions; elementary theorems on the distribution of prime numbers; Dirichlet characters; Dirichlet theorem on primes in arithmetic progressions; Dirichlet series and Euler products; analytic properties of the Riemann zeta function and Dirichlet L-functions; the prime number theorem; and the prime number theorem in arithmetic progressions.

Prerequisites: MATH 201-3, MATH 302-3 and MATH 480-3

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

MATH 481-3 Analytic Number Theory This is a first course in analytic number theory. This course covers the following topics, with other topics as time permits: arithmetic functions and their average orders; prime counting functions; elementary theorems on the distribution of prime numbers; Dirichlet characters; Dirichlet theorem on primes in arithmetic progressions; Dirichlet series and Euler products; analytic properties of the Riemann zeta function and Dirichlet L-functions; the prime number theorem; and the prime number theorem in arithmetic progressions.

Prerequisites: MATH 201-3 or MATH 301-3, MATH 302-3 and MATH 480-3

6. <u>Authorization</u>:

SCCC Reviewed: October 12, 2023

Program / Academic / Administrative Unit: Mathematics and Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.11.14.05

Page 1 of 2 Template Updated: June 2023



Faculty Council Approval Date(s): Nov 14, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information

Attachment Pages: 0

INFORMATION TO BE MEETING	COMPLETED AFTER SENATE	COMMITTEE ON ACADEMIC AFFAIRS
Brief Summary of Cor	nmittee Debate:	
Motion No.:	SCAAF 202401.12	
Moved by: Rebecca Schi	ff	Seconded by: Paula Wood-Adams
Committee Decision:	CARRIED	
Approved by SCAAF:	January 10, 2024 Date	Chair's Signature
For recommendation	to <u> </u>	Senate.





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.14</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change to the course preclusion for MATH 200-3 Calculus III on page 271 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024

2. Rationale for the proposed revisions:

To be consistent with changes made when we added MATH 202-3 and MATH 204-3

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

MATH 200 is a required course for Civil Engineering, Environmental Engineering programs, and Environmental Engineering (UNBC/UBC Joint) programs.

MATH 200 can be used to fill course requirements for the Chemistry program.

MATH 200 is a prerequisite for ENVE 310, and a corequisite for ENGR 210.

We consulted with Engineering and Chemistry who both indicated that this change is acceptable to them.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

MATH 200-3 Calculus III The final course in the calculus sequence, with an emphasis on the calculus of vector-valued functions of several variables. Vectors in two- and three-dimensional space, dot and cross products, lines and planes in space, cylindrical and spherical coordinates, curves given parametrically, surfaces and curves in space, directional derivatives, the gradient, tangent vectors and tangent planes, the chain rule, the topology of Euclidean space, optimization problems for functions of several variables, vector fields, line integrals, surface integrals, the theorems of Green, Gauss, and Stokes, potential functions, conservative fields.

Prerequisites: MATH 101-3

5. <u>Proposed revision with changes underlined</u> and deletions indicated clearly using "strikethrough":

MATH 200-3 Calculus III The final course in the calculus sequence, with an emphasis on <u>This course</u> emphasizes the calculus of vector-valued functions of several variables. <u>Topics include</u>: $\forall \underline{v}$ ectors in twoand three-dimensional space₇; dot and cross products₇; lines and planes in space₇; cylindrical and spherical coordinates₇; curves given parametrically₇; surfaces and curves in space, directional derivatives, the gradient, tangent vectors and tangent planes, the chain rule₇; the topology of Euclidean space₇; optimization problems for functions of several variables₇; vector fields₇; line integrals₇; surface integrals₇; the theorems of Green, Gauss, and Stokes₇; potential functions₇; and conservative fields.

Prerequisites: MATH 101-3 Precluded: MATH 202-3



6. <u>Authorization</u>:

SCCC Reviewed: November 9, 2023

Program / Academic / Administrative Unit: Mathematics & Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.12.15.07

Faculty Council Approval Date(s): Dec 15, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE (MEETING	COMPLETED AFTER SEN	IATE COMMITTEE ON ACADEMIC AFFAIRS
Brief Summary of Com	mittee Debate:	
Motion No.:	SCAAF 202401.13	
Moved by: Rebecca Schiff		Seconded by: Paula Wood-Adams
Committee Decision: c	ARRIED	
Approved by SCAAF:	January 10, 2024	WRoslew
	Date	Chair's Signature
For recommendation to	o, or information	n of Senate.





Motion Number (assigned by Steering Committee of Senate): <u>S-202401.15</u>

SENATE COMMITTEE ON ACADEMIC AFFAIRS

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the listing for eligible courses for the upper-division requirement for the mathematics and statistics area of specialization for the Bachelor of Science (Integrated), on page 54 of the 2023/2024 undergraduate calendar, be approved as proposed.
- 1. Effective date: September 2024
- 2. Rationale for the proposed revisions:

In the 2012-2013 calendar our statistics offerings were changed to having a STAT prefix instead of a MATH prefix. This change was not reflected in the BSc (Integrated) listings.

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

There are no anticipated implications for any program.

4. <u>Reproduction of current Calendar entry for the item to be revised:</u>

Eligible courses for the Mathematics and Statistics Area of Specialization

All upper-division MATH courses

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

Eligible courses for the Mathematics and Statistics Area of Specialization

All upper-division MATH and STAT courses

6. <u>Authorization</u>:

SCCC Reviewed: November 9, 2023

Program / Academic / Administrative Unit: Mathematics & Statistics

Faculty(ies): Science and Engineering

Faculty Council Motion Number(s): FSE FC 2023.12.15.06

Faculty Council Approval Date(s): Dec 15, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A

7. Other Information

Attachment Pages: 0 pages

INFORMATION TO BE MEETING	COMPLETED AFTER SENATE	COMMITTEE ON ACADEMIC AFFAIRS
Brief Summary of Cor	nmittee Debate:	
Motion No.:	SCAAF 202401.14	
Moved by: Rebecca Schil	f	Seconded by: Paula Wood-Adams
Committee Decision:	CARRIED	
Approved by SCAAF:	January 10, 2024 Date	Chair's Signature
For recommendation	to <u>v</u> , or information of _	Senate.



Motion Number (assigned by Steering Committee of Senate): S-202401.17

SENATE COMMITTEE ON ADMISSIONS AND DEGREES

PROPOSED REVISION OF CALENDAR ENTRY

- **Motion:** That the change(s) to the Admission to Family Nurse Practitioner Program section on page 92 of the 2023-2024 Graduate Calendar be approved as proposed.
- 1. Effective date: September 2024
- <u>Rationale for the proposed revisions</u>: There are an increasing number of courses offered by universities and health authorities to provide cultural safety education for nurses. The School of Nursing proposes to remove the named course currently in the Calendar so that these other options can be recognized.

Clarity of language for admission criteria is made in the last edited bullet to reflect language used by BCCNM and to ensure it is clear that students must keep their active practicing RN license and registration for the duration of the NP program. Lapses in registration or RNs who have conditions on their license or are registered as non-practicing could not complete clinical practica requirements for the Program.

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

4. <u>Reproduction of current Calendar entry for the item to be revised</u>

Admission to Family Nurse Practitioner Program

In addition to the application requirements outlined in *General Admission* of the Graduate Academic Calendar, applicants for the Family Nurse Practitioner Program are required to submit the following for consideration of admission:

- Three Assessment Reports on Applicant for Admission to Graduate Studies. Letters of reference may accompany the Assessment Reports. At least one of the assessments/letters must be from a health professional from the prospective student's most recent practice setting;
- An academic transcript showing undergraduate courses in nursing theory, health assessment, community health nursing, and research;
- Nursing practice résumé or curriculum vitae;
- Criminal records searches;
- Successful completion of the San'yas Indigenous Cultural Safety Training within the previous two years prior to the semester of admission to the MScN (FNP) Program;
- Evidence of at least two years full-time practice experience, or equivalent, following completion of the Baccalaureate degree;



• Evidence of active registration as a nurse in British Columbia. Note that annual documentation of current, practicing BCCNM licensure is required while enrolled in the program.

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

Admission to Family Nurse Practitioner Program

In addition to the application requirements outlined in *General Admissions* of the Graduate Academic Calendar, applicants for the Family Nurse Practitioner Program are required to submit the following for consideration of admission:

- Three <u>"Assessment Reports</u> on Applicant for Admission to Graduate Studies<u>" forms</u>. Letters of reference may accompany the Assessment Reports. At least one of the assessments/letters must be from a health professional from the prospective student's most recent practice setting;
- An academic transcript showing undergraduate courses in nursing theory, health assessment, community health nursing, and research;
- Nursing practice résumé or curriculum vitae;
- Criminal records searches;
- Successful completion of the San'yas Indigenous Cultural Safety Training Evidence of completion of a cultural safety and humility course (e.g. San'yas Indigenous Cultural Safety <u>Training</u>) within the previous two years prior to the semester of admission to the MScN (FNP) Program;
- Evidence of at least two years full-time practice experience, or equivalent, following completion of the Baccalaureate degree;
- Evidence of active registration as a nurse in British Columbia. Note that annual documentation of current, practicing BCCNM licensure is required while enrolled in the program. Evidence of active practicing BCCNM registration as a registered nurse (RN). Documentation demonstrating annual renewal of BCCNM registration as an active practicing RN is required for subsequent enrollment in the Program.
- 6. <u>Authorization</u>:

SCCC Reviewed: November 22, 2022

Program / Academic / Administrative Unit: School of Nursing

Faculty: Faculty of Human and Health Sciences

Faculty Council Motion Number: FHHS.2023.01.19.06

Faculty Council Approval Date: January 19, 2023

Senate Committee on Indigenous Initiatives Motion Number: N/A

Senate Committee on Indigenous Initiatives Meeting Date: N/A



7. Other Information

Attachment Pages: <u>0</u> pages

INFORMATION TO BE COMPLETED AFTER SENATE COMMITTEE ON ADMISSIONS AND DEGREES MEETING		
Brief Summary of Com	mittee Debate:	
Motion No.:	SCAD202311.03	
Moved by:	Korkmaz	Seconded by: Fonda
Committee Decision:	Approved	unternes
Approved by SCAD:	November 21, 2023 Date	Chair's Signature (Acting)
For recommendation to	o, or information of _	Senate.

Page 3 of 3 Template Updated: April 2021





Motion Number (assigned by SCS):

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion:That the Terms and Conditions for the UNBC Start Strong TuitionCredit be approved retroactively.

- Rationale:To support student success and UNBC's overall enrolment through
improving retention and new student admit-to-registrant yield, the
Start Strong Tuition Credit was borne from the Recruitment, Outreach
& Engagement (ROE) Strategic Enrolment Management (SEM)
Working Group. The Start Strong Tuition Credit is meant to incentivize
early course registration for the 2023 Fall or 2024 Winter semesters
among both continuing and new students. The credit was offered as
120 \$200 tuition credits drawn among all registered students by three
staggered draw dates across the summer of 2023 (20 new registrant
names and 20 continuing registrant names at each draw). Winners
could choose between the \$200 tuition credit or a \$200 UNBC
Bookstore Gift Card. The Start Strong Tuition Credit was launched in
Summer 2023 for Fall 2023 and Winter 2024 registration cycles.
- Proposed By:Dennis Stark, Senior Director, Enrolment Management & Strategy and
Co-Chair SEM ROE Working Group; Dr. Saphida Migabo, Senior Lab
Instructor and Co-Chair SEM ROE Working Group; and Matt Wood,
Director Communications & Marketing

Research & Innovation Contact: N/A

Faculty/Academic Department: N/A

First Nations Content: No

Date to SCSB: November 22, 2023

TO BE COMPLETED AFTER SCSB MEETING	
Brief Summary of Committee Debate:	
Motion No.: SCSB20231122.03	
Moved by: Stathers	Seconded by: Somani
Committee Decision: CARRIED	Attachments: 3 pages.
	AV-
Approved by SCSB: November 22, 2023	
Date	Chair's Signature
For Approval of Senate & Board	

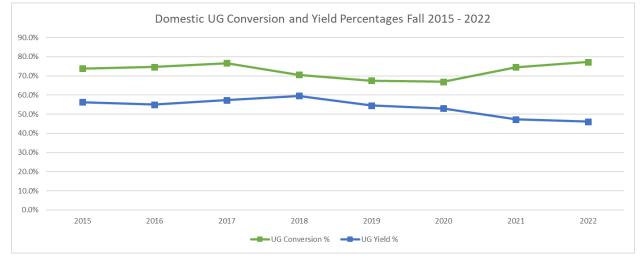


Memorandum

То:	President's Executive Council members
Cc:	Kimberly Read
From:	Dennis Stark and Dr. Saphida Migabo – Co-Chairs, UNBC SEM Recruitment, Outreach, and Engagement Working Group; Matt Wood Director Communications and Marketing
Date:	May 5, 2023
Issue:	Start Strong Tuition Waiver Registration Incentive

Background:

Domestic undergraduate admit-to-registrant yield rates have fallen over the past four Fall intakes, as shown on this chart:



Improving UNBC's undergraduate admit-to-registrant yield rate is critical in improving our incoming class size and contributing to UNBC's enrolment growth targets. By improving our new student yield, we maximize the work done to encourage applications and admit applicants, and do not need to increase applications as the sole way to subsequently increase registrants. Additionally, tactics designed to improve the retention of students and earlier achievement of a degree support student success and also increase UNBC's overall enrolment. This initiative offers a tuition waiver incentive (or UNBC Bookstore gift card) to both new and returning UNBC students.



2023 UNBC Start Strong Course Registration Initiative:

UNBC will offer a total of 120 \$200 tuition waivers (\$24,000 investment) across new and returning students who register in courses for either Fall 2023 or Winter 2024 in an effort to improve new student yield rates and improve continuing student retention and overall satisfaction. 60 waivers will be made available to new students and 60 will be made available to continuing students. Both undergraduate- and graduate-level students are eligible. The waivers will be awarded via three separate draws, held on staggered dates throughout spring and summer 2023. Students who register in their courses early will have more chances to win.

Schedule:

Date of Draw	New Students	Returning Students
Draw 1 – June 15	20 waivers available	20 waivers available
Draw 2 – July 14	20 waivers available	20 waivers available
Draw 3 – August 15	20 waivers available	20 waivers available

Students can instead choose a \$200 UNBC Bookstore gift card, for those whose tuition is already waived/covered by another means, or who would simply prefer the Bookstore credit.

Criteria:

The waiver is available to UNBC students who have active student status and who register in at least three (3) credits for either Fall 2023 or Winter 2024. Students who have registered on or before June 15 will be included in Draw 1. Students who have registered on or before July 15 will be included in Draw 2 (except for the winners from Draw 1). Students who have registered on or before August 15 will be included in Draw 3 (except for the winners from Draws 1 and 2).

We may exclude certain types of students, such as Dual Credit, Auditing, Letter of Permission, or Visiting Research Students.

Promoting the Initiative:

The Student Recruitment/Communications and Marketing units will engage in a variety of activities to promote the incentive to continuing and incoming UNBC students:

- 1. **Virtual/digital engagement:** The Marketing office will create announcement and reminder posts promoting the incentive and draw dates. Marketing and Recruitment will also liaise with other Student Life teams with social media accounts to cross-post the content.
 - Coordination Responsibility: Brock Campbell, UNBC Marketing Manager, supported by student recruitment office.



- CRM Communications: The Student Recruitment Office will develop and deploy email broadcasts to new undergraduate and graduate students about the incentive and draw dates.
 - Coordination Responsibility: Dennis Stark, UNBC Student Recruitment Director

Expectations/Tracking:

The primary goal is to award all waivers to UNBC students. Next:

- Goal to increase Fall 2023 admit-to-registrant yield from 43.6% to 50%.
- Exploration into the change on continuing student retention rates will need to occur.
- Names and student numbers of all recipients will be tracked and a review of their Fall or Winter term credit counts will be verified to calculate cost-benefit.

Additional Details:

- 1. Students can only win one \$200 waiver or giftcard. If a student wins, they will be ineligible from future draws.
- 2. Winners who are starting the Northern Collaborative Baccalaureate Nursing Program will be awarded the \$200 UNBC Bookstore gift card automatically. We are unable to offer/apply a tuition waiver for tuition charges at partner institutions.

Budget request

Proposed investment summary

Tuition waiver:

The Tuition waiver does not require resources other than staff time and budgets that have been pre-approved to support recruitment marketing initiatives. However, budgeting practices require setting a notional amount aside for potential "lost revenues" due to the waiver. If targets are met and all students elect for the \$200 tuition credit, the total lost revenue would equal \$24,000 (120 students at \$200 each). However, if each winning student takes on average 9 credit hours of coursework, the net tuition revenue would be between \$183,230 (all domestic undergraduate) and \$833,455 (all international undergraduate).

Bookstore giftcard:

While we expect the vast majority will choose the \$200 tuition credit, some will choose the \$200 Bookstore giftcard. We request that PEC initially commit \$5,000 for 25 giftcards. The Director of Student Recruitment will provide updates after each draw date as to the selection rate of the giftcard versus the tuition credit, should additional giftcard funds be required. Student Recruitment can also set aside an additional \$5,000 as contingency for an additional 25 cards.

Respectfully submitted,

Dennis Stark Director, Student Recruitment Matt Wood Director, Communications and Marketing



Motion Number (assigned by SCS): _____

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion:	That the new Terms and Conditions for the Arrow Group Award be approved.
Rationale:	To activate the Arrow Group Award commencing the 2024-2025 Academic Year.
Proposed By:	Tara Mayes, Development Officer – Donor Relations
Research & Innovation	Contact: Tara Mayes, Development Officer – Donor Relations
Faculty/Academic Depa	artment: N/A
Indigenous Content:	No (Determined by the Development Officer)
Date to SCSB:	November 2, 2023

TO BE COMPLETED AFTER SCSB MEETING	
Brief Summary of Committee Debate:	
Motion No.: <u>SCSB20231122.04</u>	
Moved by: Palmer	Seconded by: Zhou
Committee Decision: CARRIED	Attachments: 1 page.
	A
Approved by SCSB: November 22, 2023	
Date	Chair's Signature
For Information of Senate & Board	

AWARDS GUIDE INFORMATION:

Award Category: In-course

Award Name: Arrow Group Award

Awards Guide Description/Intent: Currently expanding their presence throughout North America, Arrow Transportation is a group of companies with over 100 years in business that specializes in distribution and materials-handling and focuses on delivering service-focused solutions for customers. Arrow is one of the largest private companies in Canada, with 56 divisions and almost 1,500 employees and was recognized as one of BC's Top Employers in 2023 for the fifth year in a row.

This Award has been established through an annual gift from Arrow Transportation Inc. for a full-time undergraduate student enrolled in a Bachelor of Commerce, Bachelor of Environmental Science or Bachelor of Arts in Environmental and Sustainability Studies Program who has completed 30 credit hours. Arrow is interested in supporting students with a passion for sustainability and transportation, as well as leadership in extra-curricular community projects, volunteering, or sports. For more information on this award or to learn about careers at Arrow, please email scholarships@arrow.ca.

Donor: Arrow Transportation

Value: \$2,000

Number: One

Award Type: Award

Eligibility: Available to a full-time undergraduate student enrolled in a Commerce (BComm), Environmental Science (BSc) or Environmental and Sustainability Studies (BA) Program who has completed 30 credit hours. Applicants must outline minimum extracurricular involvement of at least one of the following: club, sports team, community involvement, parttime job. First preference will be given to a student with a passion for sustainability and transportation.

Criteria: Academic proficiency

Effective Date: Established 2023

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation by the UNBC Awards Office



Motion Number (assigned by SCS):

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion: That the revised Terms and Conditions for the Deloitte Bursary with a name change to Deloitte Indigenous Bursary be approved.

Rationale: To revise the Deloitte Bursary commencing the 2024-2025 Academic Year.

Proposed By: Tara Mayes, Development Officer – Donor Relations

Research & Innovation Contact: Tara Mayes, Development Officer – Donor Relations

Faculty/Academic Department: N/A

Indigenous Content: Yes (Determined by the Development Officer)

Date to SCSB: July 27, 2023

***SCII Vetting Process:** (Section to be completed by SCII Committee Recording Secretary) SCII Motion Number: SCII202309.03 SCII Meeting Date: September 18, 2023 SCII Brief Summary of Committee Discussion: CARRIED

Page 1 of 1

AWARDS GUIDE INFORMATION:

Award Category: In-course

Award Name: Deloitte Indigenous Bursary

Awards Guide Description/Intent: Deloitte is the brand under which tens of thousands of dedicated professionals in independent firms throughout the world collaborate to provide audit, consulting, financial advisory, risk management, tax, and related services to clients. Deloitte has established this award to support <u>Indigenous (First Nations, Métis, Inuit) undergraduate</u> students pursuing a Bachelor of Commerce degree with a declared major in Accounting.

Deloitte Canada has been committed to working with Indigenous leaders, communities, and organizations for over 30 years. By investing time and professional skills, Deloitte aims to break down barriers, such as access to education and employment, to build an inclusive and sustainable future for all.

Donor: Deloitte

Value: \$1000

Number: Two

Award Type: Bursary

Eligibility: Available to a full-time <u>Indigenous (First Nations, Métis, Inuit)</u> undergraduate student who has completed a minimum of 30 credit hours towards a Bachelor of Commerce degree with a declared major in Accountingin Business Administration, Public Administration, Accounting, Finance, Economics, Information Technology, Human Resources or Communications and Marketing.

Criteria: Demonstrated financial need and satisfactory academic standing-

Effective Date: Endowed 1997, revised 20243

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation by the UNBC Awards Office-



Motion Number (assigned by SCS): _____

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion:That the revised Terms and Conditions for the Deloitte Scholarship
with a name change to Deloitte Indigenous Scholarship be approved.Rationale:To revise the Deloitte Scholarship commencing the 2024-2025
Academic Year.Proposed By:Tara Mayes, Development Officer – Donor RelationsResearch & Innovation Contact:Tara Mayes, Development Officer – Donor RelationsFaculty/Academic Department:N/AIndigenous Content:Yes (Determined by the Development Officer)Date to SCSB:July 27, 2023

<u>*SCII Vetting Process:</u> (Section to be completed by SCII Committee Recording Secretary) SCII Motion Number: SCII Meeting Date: SCII Brief Summary of Committee Discussion:

Brief Summary of Committee Debate:	
Motion No.: SCSB20231122.06	
Moved by: Somani	Seconded by: Gehloff
Committee Decision: CARRIED	Attachments: 1 page.
	A
Approved by SCSB: November 22, 2023	
Date	Chair's Signature

AWARDS GUIDE INFORMATION:

Award Category: In-course

Award Name: Deloitte Indigenous Scholarship

Awards Guide Description/Intent: Deloitte is the brand under which tens of thousands of dedicated professionals in independent firms throughout the world collaborate to provide audit, consulting, financial advisory, risk management, tax, and related services to clients. Deloitte has established this award to support Indigenous (First Nations, Métis, Inuit) undergraduate students pursuing a career in accounting.

Deloitte Canada has been committed to working with Indigenous leaders, communities, and organizations for over 30 years. By investing time and professional skills, Deloitte aims to break down barriers, such as access to education and employment, to build an inclusive and sustainable future for all.

Donor: Deloitte

Value: \$2,000

Number: Two

Award Type: Scholarship

Eligibility: Available to a full-time <u>Indigenous (First Nations, Métis, Inuit)</u> undergraduate student who has completed a minimum of 30 credit hours towards a Bachelor of Commerce degree with a declared major in Accountingin Business Administration, Public Administration, Accounting, Finance, Economics, Information Technology, Human Resources or Communications and Marketing.

Criteria: Academic excellence-

Effective Date: Endowed 1993, revised 20243

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation by the UNBC Awards Office-



Motion Number (assigned by SCS):

SENATE COMMITTEE ON SCHOLARSHIPS AND BURSARIES (SCSB)

PROPOSED MOTION

Motion:	That the revised Terms and Conditions for the Mitsui Home Canada Inc. Scholarship with a name change to Mitsui Home Canada Inc. Award be approved.
Rationale:	To revise the Mitsui Home Canada Inc. Scholarship commencing the 2024-2025 Academic Year.
Proposed By:	Tara Mayes, Development Officer – Donor Relations
Research & Innovation	Contact: Tara Mayes, Development Officer – Donor Relations
Faculty/Academic Department: N/A	
Indigenous Content:	No
Date to SCSB:	October 26, 2023

TO BE COMPLETED AFTER SCSB MEETING	
Brief Summary of Committee Debate:	
Motion No.: <u>SCSB20231122.07</u>	
Moved by: Somani	Seconded by: Gehloff
Committee Decision: CARRIED	Attachments: 1 page.
	AV
Approved by SCSB: November 22,2023	
Date	Chair's Signature
For Information of Senate & Board	

AWARDS GUIDE INFORMATION:

Award Category: In-course

Award Name: Mitsui Home Canada Inc. ScholarshipAward

Awards Guide Description/Intent: Mitsui Home Canada Inc. was established in 1992 in Langley, BC as the Canadian procurement and logistics centre for the parent company, Mitsui Home Co. Ltd. Mitsui Home Co. Ltd., was the first to introduce North American framing techniques to Japan over 45 years ago and is one of the largest 2x4 structural lumber home builders in Japan.

Mitsui Home Canada has developed as the premier turnkey construction provider which integrates, design, material supply, logistics and on-site framing.

In recognition of its strong relationships with many northern BC lumber suppliers, Mitsui Home Canada Inc. has established this award for students interested in forestry management and commerce.

Donor: The Mitsui Home Co. Ltd. Mitsui Home Canada Inc.

Value: Variable \$10,000

Number: TwoOne

Award Type: Award

Eligibility: Available to a full-time <u>undergraduate or graduate</u> student enrolled in <u>a Forest</u> <u>Ecology and Management or Commerce Program</u>the Bachelor of Commerce degree program and has declared a major in International Business who has completed a minimum of 6<u>3</u>0 credit hours-towards his/her degree. Preference will be given to students who can demonstrate an interest in international trade between northern British Columbia and Japan.Applicants must outline their community leadership experience in their application.

Criteria: Academic excellence and demonstrated financial need

Application Instructions: Submit a letter outlining your interest in Japan-BC trade via awards@unbc.ca.

Effective Date: Endowed 1994, revised 2023

Note: This award is renewable for up to one year, subject to the recipient maintaining the criteria of academic excellence, leadership and financial need for this award.

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation by the UNBC Awards Office



BRIEFING NOTE FOR:

UNBC BOARD OF GOVERNORS AND BOARD COMMITTEES

Subject:	Proposed 2024-2	5 Tuition						
Finance & Investment Committee	Meeting Date: 18 Jan 2024	Purpose: For making recommendation to BOG for Approval						
UNBC Board of Governors	Meeting Date: 02 Feb 2024							
Submitted By:		Wendy Rodgers, Vice President Academic and Provost Rahim Somani, Vice President, Finance and Administration						
Please note other guests to be in attendance:	N/A							
Appendices:		1. Proposed Motions 2. Tuition Fee Schedule						
Motion Number:	To be completed b	y Office of University Governance						

1.0 Introduction

UNBC is committed to delivering a high-quality experience for all students, emphasizing 1.1 the Ministry's focus on student safety, education guality, recruitment practices, institution accountability, and program alignment with local labor market priorities, as outlined in the Provincial Mandate letter dated August 23, 2023.

2.0 Purpose and Outcome

- 2.1 The proposed tuition increase aims to achieve multiple outcomes, ensuring adequate support for students and administrative processes, providing clarity on costs for incoming international students, narrowing the gap with peer institutions, attaining a competitive 'sticker price,' allowing for necessary tuition relief, scholarships, and bursaries.
- 2.2 It also seeks to establish a robust revenue stream for international student support, uphold stronger service standards for UNBC's 'Recognized Institution' status, and strengthen the university's financial position without over-dependence on the international market, ensuring continued support for both international and domestic students while maintaining support for teaching and knowledge creation.

3.0 An Evolving Landscape of International Students at UNBC

3.1 The number of international undergraduate students has increased in the range of 50% to 60% since 2019-20, representing 14% to 15% of total undergraduate students. This necessitates a corresponding increase in student support services, administrative processes, and addressing inflationary cost pressures at UNBC.

3.2 As part of enhanced financial reporting, efficient fund tracking will ensure proportional allocation to units supporting both domestic and international students at UNBC. This may include an emergency bursary fund for financial hardships faced by international students, institutional initiatives, housing development, and communication for international students, among others. Simultaneously, it will facilitate streamlined improvements in administrative, data, and fee management processes, all without significant disruption to existing systems.

4.0 Proposed Tuition Increases

Domestic Undergraduate and Graduate Students

4.1 Tuition fee increase is limited to the amount allowed under the Province of British Columbia Tuition Limit Policy, currently set at 2%.

International Undergraduate Students

- 4.2 <u>For students commencing studies prior to September 2021</u>, the proposed tuition fee increase is 2%, consistent with domestic students.
- 4.3 <u>For students commencing studies after August 31, 2021</u>, the proposed tuition fee increase is 8% for 2024-25 and up to 8% for each of the following three years (2025-26 to 2027-28).

Annualized Tuition for International Undergraduate Students

This aims to provide certainty for international students in planning their finances for studying in Canada. The projected annual international tuition for a full-time course load of 30 credits will increase from \$24,771 in 2023-24 to \$26,753 in 2024-25 and \$33,701 in 2027-28.

Interim Relief for Continuing International Undergraduate Students

4.4 The continuing international undergraduate students will be eligible for a tuition relief of \$15 per credit for 2024-25 and 2025-26, resulting in a 6% effective increase instead of 8% for continuing international undergraduate students during these years.

5.0 Positioning of International Tuition at UNBC

5.1 Aligning strategically with peer institutions in BC, the 'sticker price' of international tuition at UNBC remains competitive and comparable. Despite an anticipated 8% increase for 2024-25, UNBC's international tuition ranges from 40% to 80% of peers' tuition levels at RUCBC universities, which are considering fee increases for international undergraduate students in the range of 4% to 7% or higher.

6.0 Benchmarking with the Domestic Students

6.1 As a guiding principle, international tuition and fees should align with the sum of tuition and mandatory fees paid by domestic students, plus the provincial operating grant. The Cost per Student Analysis indicates a consistent shortfall for international students even after the proposed 8% increase for 2024-25. 6.2 In the "PSFS Actual" analysis, the grant is divided by the actual number of domestic students, while in the "PSFS Target" analysis, it is divided by the targeted number for a per-student cost assessment. Additional costs for international students are determined by considering International Education Office expenses, including Agent Fees.

Cost per Student Analysis (PSFS Actual)	2020	2021	2022	2023	2024	2025
Domestic Tuition and Mandatory Fees	5,898	6,016	6,136	6,259	6,384	6,512
Provincial Grant (PSFS Actual FTE)	20,220	21,850	23,220	25,420	30,210	30,910
Additional Costs per International Students	5,080	5,990	6,310	3,910	3,240	3,210
Total Cost per International Student	31,198	33,856	35,666	35,589	39,834	40,632
International Undergraduate Tuition and Fees	22,062	22,754	23,645	24,571	25,539	27,536
Surplus / (Shortfall) per International Student	(9,136)	(11,102)	(12,022)	(11,018)	(14,296)	(13,096)

Table 1: Cost per Student Analysis (PSFS Actual)

Table 2: Cost per Student Analysis (PSFS Target)

Cost per Student Analysis (PSFS Target)	2020	2021	2022	2023	2024	2025
Domestic Tuition and Mandatory Fees	5,898	6,016	6,136	6,259	6,384	6,512
Provincial Grant (PSFS Actual FTE)	15,250	15,720	15,990	16,770	18,920	19,260
Additional Costs per International Students	5,080	5,990	6,310	3,910	3,240	3,210
Total Cost per International Student	26,228	27,726	28,436	26,939	28,544	28,982
International Undergraduate Tuition and Fees	22,062	22,754	23,645	24,571	25,539	27,536
Surplus / (Shortfall) per International Student	(4,166)	(4,972)	(4,792)	(2,368)	(3,006)	(1,446)

7.0 Financial Implications

- 7.1 The annual financial impact of the proposed increase in 2024-25 tuition fees, based on current FTE enrolment levels for UNBC, is approximately \$0.7M. This represents an estimated 50% to 60% of projected additional contractual obligations not funded as part of the mandate.
- 7.2 The average impact of the increase for domestic undergraduate students is expected to be approximately \$15/month for eight months, based on a full-time course load of 30 credits per year.
- 7.3 Table 3 provides scenario comparison and the financial impact of the proposed international tuition increase.

	Baseline Scenario (Note 1)	Proposed Scenario (Note 2)				
2024-25	4%	8%				
2025-26	4%	8%				
2026-27	4%	8%				
2027-28	4%	8%				
Financial Impact						
2024-25	\$0.7M	\$0.8M (+\$0.1M)				
2024-28 (four years)	\$8.0M	\$10.2M (+\$2.2M)				

Table 3: Proposed International Tuition Increase Scenario and Financial Impact

Note 1: Since 2021, UNBC has implemented a strategy involving a 4% annual increase in tuition for international students, deviating from the previous 2% increment. The baseline scenario operates on an assumption of a consistent 4% annual increase.

Note 2: The proposed scenario outlines an annual tuition increase of 8% for the upcoming four years. The incremental financial impact in parentheses reflects the additional projected revenue associated with the proposed scenario compared to the baseline scenario.

8.0 Conclusion

8.1 The implementation of this proposal is intended to enhance the overall student experience, directly supporting UNBC's foundational goals for fulfilling student learning journeys and attracting and retaining outstanding individuals for our community. These changes align with UNBC's vision to lead a sustainable future by providing the best possible learning and working environment for everyone.

Appendix 1: Proposed Motions

2024-25 UNBC Tuition Fees

Whereas s.27(2) *of the University Act grants the Board the authority to set, determine and collect fees;*

And Whereas the Government of British Columbia's Tuition Limit Policy, limits domestic tuition and mandatory fee increases to the rate of inflation (2%);

Now therefore, on the recommendation of the President, and in compliance with the Government of British Columbia's Tuition Limit Policy, and the recommendation of the Finance and Investment Committee the Board approves the 2024-25 Tuition Fee Schedule for the University of Northern British Columbia as presented including a differential fee increase for international undergraduate students as presented in the fee schedule.

Effective on approval of the Board.

Delegation of Authority to the President to Approve Fees

Whereas the University Act grants the Board the authority to set, determine and collect fees, and whereas;

The Government of British Columbia's Tuition Limit Policy limits domestic tuition and mandatory fee increases to the rate of inflation;

The UNBC Fees Committee reviews all fees and applications related to fees, considers submissions from interested and impacted parties, and provides advice and recommendations to the President with respect to fees, and;

Now therefore, on the recommendation of the Finance and Investment Committee, the Board delegates the authority to approve all fees for the 2024-25 planning and budget cycle, except for tuition fees, to the President, acting with the advice of the UNBC Fees Committee and in compliance with the Province of British Columbia's Tuition Limit Policy, effective on approval of the Board.

Effective on approval of the Board.

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Proposed 2024/25 Tuition Fees (proposed to the Board of Governors February 2, 2024)

		For Approval				For information		
	-		Change	Change				
	2023/24	2024/25	(\$)	(%)	2025/26	2026/27	2027/28	2028/29
JNDERGRADUATE	-							
Basic Tuition Per Credit Hour								
- Domestic	195.72	199.63	3.91	2.0%	203.62	207.69	211.84	216.08
- International		000 74			7/0.00			750.0
Commencing Studies Between May 1, 2005 and August 31, 2019	685.01	698.71	13.70	2.0%	712.68	726.93	741.47	756.3
Commencing Studies between September 1, 2019 and August 31, 2021	778.95	794.53	15.58	2.0%	810.42	826.63	843.16	860.0
 Commencing Studies September 1, 2021 Onward 	825.70	891.76	66.06	8.0%	963.10	1,040.15	1,123.36	1,213.2
Post Baccalaureate Diploma Tuition Per Credit Hour	287.78	293.54	5.76	2.0%	299.41	305.40	311.51	317.74
Other Undergraduate Tuition Related Charges and Information								
- Course Challenge Fee	97.86	99.82	1.96	2.0%	101.82	103.86	105.94	108.0
- Co-operative Education Work Term Fees	587.16	598.90	11.74	2.0%	610.88	623.10	635.56	648.2
- BC Residents 65 and older	•							
 BC residents aged 65 or older eligible for admission, receive a waiver of tuition, subject to space availability 								
- Withdrawal & Tuition Refund	X							
 50% of tuition up to the date of withdrawal without academic penalty 								
GRADUATE								
Minimum Program Fees Unless otherwise noted, the minimum total program fee for Masters level programs is:								
 For full-time studies, 3 (three) full-time tuition fee units 	, i i i i i i i i i i i i i i i i i i i							
 For part-time studies, 9 (nine) part-time tuition fee units 								
International students								
 Full-time studies, 3 (three) full-time tuition fee units required. 								
Maximum 9 (nine) semesters of study charged at full-time rates								
 All Masters level programs not specifically noted Full-time unit 	1 000 1 /	1,856.54	36.40	2.09/	1,893.67	1,931.54	1,970.17	2,009.5
Part-time unit	1,820.14	981.31		2.0%	1,093.07	1,020.96	1,041.38	1,062.2
 Full-time unit - International (Fall 2022 and onwards new admissions) 	962.07 2,548.19	2,599.15	19.24 50.96	2.0% 2.0%	2,651.13	2,704.15	2,758.23	2,813.3
- Master of Arts in Disability Management, Master of Science in Health Sciences, and Master of Science in Nursin		2,000.10	50.90	2.076	2,001.15	2,104.10	2,700.20	2,015.5
• Full-time unit	2,308.94	2,355.12	46.18	2.0%	2,402.22	2,450.26	2,499.27	2,549.20
Part-time unit	1,212.19	1,236.43	24.24	2.0%	1,261.16	1,286.38	1,312.11	1,338.3
 Full-time unit - International (Fall 2022 and onwards new admissions) 	3,232.52	3,297.17	64.65	2.0%	3,363.11	3,430.37	3,498.98	3,568.9
- Master of Education								
Full-time unit	2,486.53	2,536.26	49.73	2.0%	2,586.99	2,638.73	2,691.50	2,745.3
Part-time unit	1,305.43	1,331.54	26.11	2.0%	1,358.17	1,385.33	1,413.04	1,441.3
	.,				3,621.78			

Page 71 of 73

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Proposed 2024/25 Tuition Fees

(proposed to the Board of Governors February 2, 2024)

		For Approval			For information			
	_		Change	Change				
	2023/24	2024/25	(\$)	(%)	2025/26	2026/27	2027/28	2028/29
- Master of Engineering in Integrated Wood Design (Note)								
Full-time per credit hour effective 2024-25 and onward	501.96	512.00	10.04	2.0%	522.24	532.68	543.33	554.20
 Full-time unit - International per credit hour effective for new admissions 2024-25 and onwards 	501.96	716.80	214.84	43.0%	731.14	745.76	760.68	775.89
Note: Effective from 2024-25, program tuition shifted to a per-credit basis. Tuition for 2023-24 have be purposes. Proposed 2024-25 rates include a 2% increase for domestic and a 1.4x approved multiplier		0 for 33 credits	for compari	sion				
 Master of Applied Science - Engineering Full-time unit 	4 000 4 4	1,856.54	00.40	0.00/	1 000 67	1 0 2 1 5 4	1 070 17	2 000 57
 Full-time unit Full-time unit - International (Fall 2022 and owards new admissions) 	1,820.14 2,548.19	2,599.15	36.40 50.96	2.0% 2.0%	1,893.67 2,651.13	1,931.54 2,704.15	1,970.17 2,758.23	2,009.57 2,813.39
- Master of Social Work	2,540.19	2,000.10	50.90	2.0%	2,001.10	2,104.10	2,700.20	2,010.00
• Full-time unit	2,131.32	2,173.95	42.63	2.0%	2,217.43	2,261.78	2,307.02	2,353.16
Part-time unit	1,118.94	1,141.32	22.38	2.0%	1,164.15	1,187.43	1,211.18	1,235.40
 Full-time unit - International (Fall 2022 and onwards new admissions) 	2,983,85	3,043.53	59.68	2.0%	3,104.40	3,166.49	3,229.82	3,294.42
- Special Education Graduate Certificate								
Full-time unit	2,559.69	2,610.88	51.19	2.0%	2,663.10	2,716.36	2,770.69	2,826.10
 Full-time unit - International (Fall 2022 new admissions) 	3,583.57	3,655.24	71.67	2.0%	3,728.34	3,802.91	3,878.97	3,956.55
This certificate program is full-time, with a minimum program fee of 3 (three) full-time units								
- Master of Business Administration (Note)								
 MBA Program Tuition - Domestic 	7,414.66	7,562.95	148.29	2.0%	7,714.21	7,868.49	8,025.86	8,186.38
MBA Program Tuition - International	8,659.45	8,832.64	173.19	2.0%	9,009.29	9,189.48	9,373.27	9,560.74
MBA Program Fee - Domestic and International	460.03	469.23	9.20	2.0%	478.61	488.18	497.94	507.90
Pre-MBA Program Course Fee - Domestic	686.38	700.11	13.73	2.0%	714.11	728.39	742.96	757.82
 Pre-MBA Program Course Fee - International This program is full time, with a minimum program fee of 5 (five) full time units 	789.34	805.13	15.79	2.0%	821.23	837.65	854.40	871.49
This program is full-time, with a minimum program fee of 5 (five) full-time units								
Note: Effective from 2025-26, program tuition will shift to a per-credit basis. Moreover, the international	I tuition will be set through	the approved 1.	.4x multiplie	er. The				
details will be shared accordinlgy.	-		-					
Masters Time Extension - Per Semester - Domestic Only Except Where Noted								
- All Masters level programs not specifically noted	1,820.14	1,856.54	36.40	2.0%	1,893.67	1,931.54	1,970.17	2,009.57
- Master of Arts in Disability Management, Master of Science in Community	.,•=•···			,	,	,	,	,
Health, and Master of Science in Nursing	2,308.94	2,355.12	46.18	2.0%	2,402.22	2,450.26	2,499.27	2,549.26
- Master of Education	2,486.53	2,536.26	49.73	2.0%	2,586.99	2,638.73	2,691.50	2,745.33
- Master of Social Work	2,131.32	2,173.95	42.63	2.0%	2,217.43	2,261.78	2,307.02	2,353.16
- Master of Business Administration	1,372.77	1,400.23	27.46	2.0%	1,428.23	1,456.79	1,485.93	1,515.65
- Master of Business Administration - International	1,578.68	1,610.25	31.57	2.0%	1,642.46	1,675.31	1,708.82	1,743.00
Other Graduate Tuition Related Charges and Information								
- Continuing Registration Fee - Domestic Only	641.00	653.82	12.82	2.0%	666.90	680.24	693.84	707.72
- Non-Degree Graduate Students	1,012.39	1,032.64	20.25	2.0%	1,053.29	1,074.36	1,095.85	1,117.77
- Non-Degree Graduate Students - International	1,417.35	1,445.70	28.35	2.0%	1,474.61	1,504.10	1,534.18	1,564.86
- Graduate - Late Registration Fee	100.00	100.00	0.00	0.0%	100.00	100.00	100.00	100.00
- BC Residents 65 and older								
 BC residents aged 65 or older eligible for admission receive a waiver of tuition subject to space available 	hility							

- BC residents aged 65 or older eligible for admission, receive a waiver of tuition, subject to space availability

Page 72 of 73

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Proposed 2024/25 Tuition Fees (proposed to the Board of Governors February 2, 2024)

	_	Fo	or Approval			For info	rmation	
	-		Change	Change				
	2023/24	2024/25	(\$)	(%)	2025/26	2026/27	2027/28	2028/29
Minimum Program Fees - Unless otherwise noted, the minimum total program fee for PhD level programs is 9 (nine) full-time units The time extension fee for domestic students is equal to the basic full time unit, per semester								
- PhD basic full-time unit	1,820.14	1,856.54	36.40	2.0%	1,893.67	1,931.54	1,970.17	2,009.57
- PhD basic full-time unit - International (Fall 2022 and onwards new admissions)	2,548.19	2,599.15	50.96	2.0%	2,651.13	2,704.15	2,758.23	2,813.39
Other Doctoral Tuition Related Charges and Information - Continuing Registration Fee - Domestic Only - Graduate - Late Registration Fee	641.00 100.00	653.82 100.00	12.82 0.00	2.0% 0.0%	666.90 100.00	680.24 100.00	693.84 100.00	707.72 100.00

Page 73 of 73