

A G E N D A

I **CANDIDATES FOR DEGREES,
DIPLOMAS AND CERTIFICATES – MAY 2022** Page 7

This report will be available at the Senate meeting. The report will also be available for Senators to review through a request to the Office of the University Secretary.

II **REPORT ON MEDALS AND PRIZES
TO BE AWARDED AT THE SPRING CONVOCATION**

The report will be available for Senators to review through a request to the Office of the University Secretary.

III **ELECTION OF SENATE REPRESENTATIVES**

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2. **To the Senate Executive Committee** Page 9

- Senators should come prepared to make nominations for these positions.
- If elections are required, candidates will be invited to speak for about one minute to introduce themselves prior to the vote.

3. **Election of a Student Member to the
Senate Executive Committee** Page 11

- One Student member (slate of candidates to be supplied by the caucus of Student Senators)

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	Senators are reminded that questions related to matters not on the agenda shall normally be submitted in writing to the University Secretary no later than 10:00 a.m. of the Monday preceding the meeting.	
	Senators are reminded that questions pertaining to items on the agenda can be asked during the Senate meeting and do not require submission in advance.	
VIII	<u>CONSIDERATION OF THE MINUTES OF THE MEETING OF APRIL 6, 2022</u>	
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6. Reports of the Senate Committee on University Research

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b) **RE: Proposal for Professorship in Anesthesiology, Max Rady College of Medicine** Page 591

c) **RE: Proposal for Chair in Sustainable Protein, Faculty of Agricultural and Food Sciences** Page 598

XII ADDITIONAL BUSINESS - none

XIII MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate Committee on Honorary Degrees [April 26, 2022]

The confidential report will be provided to members of Senate on the Monday preceding the meeting.

XIV ADJOURNMENT

Please send regrets to shannon.coyston@umanitoba.ca.

CANDIDATES FOR DEGREES, DIPLOMAS AND CERTIFICATES

1. Degrees Notwithstanding a Deficiency

A list of students to be considered for degrees notwithstanding a deficiency will be distributed at the meeting.

Deans and Directors should note that they may be asked to explain the circumstances leading to the recommendations from their respective Faculties or Schools.

At the conclusion of discussion of the report, the Speaker of the Senate Executive Committee will make the appropriate motion(s).

2. Report of the Senate Committee on Appeals

An oral report will be presented to Senate by the Chair of the Committee only if the Committee has heard an appeal which will result in the recommendation of the award of a degree notwithstanding a deficiency.

3. List of Graduands

A list of graduands will be provided to the University Secretary on the day of the meeting. The list will not be distributed to members of Senate but will be open for inspection by individual members of Senate.

The list to be provided to the University Secretary will be a compilation of the lists of the graduands of each Faculty and School.

The Speaker for the Senate Executive Committee will make the appropriate motion approving the list of graduands, subject to the right of Deans and Directors to initiate late changes with the Registrar up to May 20, 2022.

Election of Senate Representative to the Board of Governors

1. General

- (a) The procedures to be followed for the election of members of Senate to the Board of Governors can be found on the web at:

https://umanitoba.ca/governance/sites/governance/files/2021-02/Senate%20Meeting%20Rules%20-%202021_02_03.pdf

- (b) The procedures provide that if the person being nominated is not present, the nominator must state that the person nominated has consented to the nomination.
- (c) At least one of the three individuals representing Senate on the Board of Governors shall not have administrative responsibilities greater than those of department head at the time of election.
- (d) Should the term of office on Senate for the member of Senate elected to the Board of Governors expire before the term of office on the Board, the member shall become a member-at-large of Senate for the remainder of the term of office on the Board of Governors, unless re-elected to Senate.

2. Election

- (a) One member of Senate is to be elected by Senate to the Board of Governors for a three-year term (June 1, 2022 to May 31, 2025) to replace Susan Prentice, whose term on the Board of Governors expires on May 31, 2022, and who is eligible for re-election;

- (b) Current Senate representatives on the Board of Governors are:

Susan Prentice	Arts	2022
Jeff Taylor	Arts	2023
John Anderson	Science	2024

- (c) Not eligible for election are the Chancellor, the President, or the Board of Governors' representatives on Senate.

3. Procedures

- (a) Nominations for the position shall be received from the floor.
- (b) Senators shall vote for no more than one candidate on the ballot provided.
- (c) The candidate receiving the largest number of votes shall be declared elected for a three-year term.
- (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

Election of Senate Representatives to the Senate Executive Committee

1. Subsection 34(1) of *The University of Manitoba Act* provides that:

The senate has general charge of all matters of an academic character; and, without restricting the generality of the foregoing, the senate shall ...

- (y) elect an executive committee, which shall include
 - (i) the president, who shall be chairman of the committee;
 - (ii) the member of the senate designated by the president to be vice-chairman of the committee;
 - (iii) three members of senate from among the vice-presidents of the university, the deans of faculties and directors of schools;
 - (iv) a member of the board who has been appointed to be a member of the senate;
 - (v) a member elected by the students to be a member of senate;
 - (vi) eight other members of the senate from those elected under section 27 [i.e., elected by faculty/school councils];

2. Three Senators are to be elected as follows:

- (a) One Senator from among the Vice-Presidents, Deans of Faculties and Directors of Schools for a three-year term from June 1, 2022 to May 31, 2025 to replace Vice-President Catherine Cook, whose term expires on May 31, 2022:

- (i) Eligible for election are:

Vice-Presidents: N. Andrew, D. Jayas, V. Koldingnes

Deans/Directors: M. Scanlon, M. Locher, S. Pflugmacher Lima, K. Ragoonaden, R. Lastra, K. Main, B. Silvestre, D. Brown, R. Jochelson, M. Friesen, B. Postl, B. Mark, M. Yellow Bird,

- (ii) Presently serving:

Vice-President Catherine Cook	Vice-President (Indigenous)	2022
Dean Ed Jurkowski	Music, School of Art	2023
Dean Jeffery Taylor	Arts	2024

- (b) Two Senators for three-year terms from June 1, 2022 to May 31, 2025 to replace Robert Biscontri (Management) and Derek Oliver (Engineering) whose terms expire on May 31, 2022; and
- (c) One Senator for the balance of a three year-term from June 1, 2022 to May 31, 2023 to replace Grace O'Hanlon (Libraries) whose term on Senate expires on May 31, 2022; and
- (d) One Senators for the balance of a three-year term from June 1, 2022 to May 31, 2024 to replace Michelle Faubert (Arts), whose term on Senate expires on May 31, 2022:
 - (i) eligible for election are members of Senate elected by faculty/school councils;
 - (ii) presently serving:

Prof. Robert Biscontri	Management	2022
Prof. Derek Oliver	Engineering	2022
Prof. Tina Chen	Arts	2023
Ms. Grace O'Hanlon	Libraries	2023
Prof. Peter Blunden	Science	2024
Prof. Donna Martin	Health Sciences	2024
Prof. Michelle Faubert	Arts	2024
Prof. Rusty Souleymanov	Social Work	2024

3. Procedures:

- (a) Nominations for the positions shall be received from the floor.
- (b) Senators shall vote for no more than one candidate in each category on the ballot provided. For the May 2022 election, this election will be done via an electronic vote. Members of Senate will be sent a message during the meeting providing a link to cast their vote electronically.
- (c) The candidates receiving the largest number of votes shall be elected.
- (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

Election of Student Senator to the Senate Executive Committee

1. The composition of the Senate Executive Committee makes provision for three student assessors.

The Assessors are as follows:

- | | |
|--|------------------------------------|
| (a) President of UMSU (or designate) | term: May 1, 2022 - April 30, 2023 |
| (b) President of GSA (or designate) | term: May 1, 2022 - April 30, 2023 |
| (c) Student Senator appointed by
caucus of Student Senators | term: May 1, 2022 - April 30, 2023 |
2. The composition of the Senate Executive Committee also makes provision for one elected Student member of Senate. A candidate for this position is nominated by the caucus of Student Senators at Senate. The term for this position is May 1, 2022 - April 30, 2023.
 3. Procedures:
 - (a) A nomination for the position shall be provided by the Student Senate Caucus;
 - (b) Senators shall vote by a show of hands.

Report of the Senate Committee on Curriculum and Course Changes - Submitted to Senate for Concurrence Without Debate

Preamble:

1. The [terms of reference](#) for the Senate Committee on Curriculum and Course Changes (SCCCC) are available on the University Governance website. The SCCCC is “to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses.”
2. Since last reporting to Senate, the Senate Committee on Curriculum and Course Changes (SCCCC) met on March 18, 22, 23, 25, and 30, and on April 1, 2022, and participated in an electronic poll conducted between April 27 and May 2, 2022, to consider curriculum and course changes from Faculties, Colleges, and Schools.
3. The Report outlines course and curriculum changes endorsed by the SCCCC at the meetings noted above.
4. Proposed course deletions, introductions, and modifications, and program modifications are described in detail in the attachment to the Report.

Observations:

1. General

In keeping with past practice, most changes for departments totalling less than ten credit hours are forwarded to Senate for concurrence without debate. This is in accordance with the Senate’s recommendation approved July 3, 1973, that course changes would cease to go to the SPPC when the resource implications are intra-faculty. Deans and Directors are to assess the resource implications to the respective units when course changes are proposed. Major changes in existing programs are to be referred to the SPPC for assessment of resource implications.

2. The committee received, for information, the Senate Committee on Curriculum and Course Changes – 2022/2023 Timetable for Faculty/College/School Submissions to the Office of the University Secretary, which is included with the attachment to the Report.

3. Courses to be Added to the Recommended Introductory Course List

MATH 1524 Mathematics for Management and Social Sciences 3 cr (*effective Fall 2023*)

4. Courses to be Removed from the Recommended Introductory Course List

MATH 1520 Introductory Calculus for Management and Social Sciences 3 cr (*effective Fall 2023*)
MUSC 1050 The Well-Tempered Concert-Goer 3 cr

5. **Faculty of Agricultural and Food Sciences**

Agribusiness and Agricultural Economics

The department is proposing the modification of one (1) course. There would be no change to the overall number of credit hours offered by the faculty.

Agriculture, General

The faculty is proposing the introduction of one (1) course. The overall number of credit hours offered by the faculty would increase by 3 credit hours.

Animal Science

The department is proposing the modification of one (1) course. There would be no change to the overall number of credit hours offered by the department.

Food and Human Nutritional Sciences

The department is proposing the deletion of two (2) courses and the modification of eight (8) courses. The overall number of credit hours offered by the department would decrease by 6 credit hours.

Plant Science

The department is proposing the deletion of one (1) course. The overall number of credit hours offered by the department would decrease by 4 credit hours.

School of Agriculture

The school is proposing the introduction of one (1) course and the modification of two (2) courses. The overall number of credit hours offered by the school would increase by 4 credit hours.

The school is proposing to modify the **Diploma in Agriculture**, as set out in the attachment to the Report. A requirement in Year 1 for PLNT 0760 Crop Production Specialization and Innovation will be replaced by DAGR 0430 Crop Production Specialization and Innovation. One course, AGRI 2300 Indigenous Issues in Food Systems will be added to the list of Program Electives in response to interest from students, including those planning to transfer to a degree program.

6. **School of Art**

The school is proposing modifications to the programs listed below, as set out in the attachment to the Report. The revisions to the Approved List of Courses follow from course changes recently made by the Canadian Studies Program and the Department of Indigenous Studies, Faculty of Arts.

- **Bachelor of Fine Arts (General) in Art History**
- **Bachelor of Fine Arts (Honours) in Art History**

7. Faculty of Arts

Economics

The department is proposing modifications to the programs listed below, as detailed in the attachment to the Report. The modification involves the introduction of a Co-operative Education Option for both the Economics and Econometrics Stream and the Economics and Society Stream. Students who elect to complete a Co-operative Education Option would be required to complete the three 1 credit hour work placements (ARTS 3010, ARTS 3020, ARTS 3030), which would replace 3 credit hours of open or outside electives or free options in their degree program.

The Co-operative Education Option will provide students with the opportunity to apply their training to the workplace. Students will gain real-world experience in environments that apply some facet of economics to their day-to-day activities. The experience gained will enrich their training in the final year of their degree, as students will approach their courses with an understanding of the transferability of their coursework to the workplace.

Costs of the Co-operative Education Option will be borne by the Faculty of Arts, through its Co-operative Placement Office. It is anticipated that some costs will be covered through co-op fees and tuition. Additional workload related to academic oversight of the co-operative placements is expected to be small and will be managed at the department level, in consultation with the Dean.

The Department provided the SCCCC with letters of support from four companies and organizations that expressed an interest in participating in the Co-operative Education Options in Economics.

- **Bachelor of Arts (Single Advanced Major) in Economics, Co-operative Education Option** - *new*
- **Bachelor of Arts (Single Honours) in Economics, Co-operative Education Option** - *new*

French, Spanish and Italian

The department is proposing the modification of one (1) course. There would be no change to the overall number of credit hours offered by the department.

History

The department is proposing the modification of nine (9) courses. There would be no change to the overall number of credit hours offered by the department.

Indigenous Studies

The department is proposing the modification of five (5) courses. There would be no change to the overall number of credit hours offered by the department.

Labour Studies

The program is proposing modifications to the admission requirements for the **Micro-Diploma in Workplace Health and Safety**, as outlined in the attachment to the Report. The program, as it was initially approved by Senate (January 12, 2022), restricted admission to students who are enrolled and who are in good academic standing in any

degree program. The current proposal is to establish admission criteria for potential applicants who are not enrolled in a degree program at the University. The objective is to establish a more accessible pathway to the Micro-Diploma, to increase opportunities for a wider range of students to enrol in the program, and to make skills and knowledge offered through university courses more immediately accessible to a new cohort of students.

8. **College of Dentistry**

The college is proposing modifications to the **Diploma in Dental Hygiene**, including modifications to the course requirements for Year 1, as set out in the attachment to the Report. The objectives are to update the Chemistry course requirements and to align the Year 1 curriculum and the Advanced Entry admission requirements for the program.

The modifications involve, first, updating the Chemistry courses requirements, to require 9 credit hours of introductory Chemistry courses, following changes to the Department of Chemistry's course offerings (Senate, May 13, 2020) that were implemented in the 2021 Fall Term. Based on the advice of the SCCCC, a note was added to communicate to students, who previously completed both the former CHEM 1300 University 1 Chemistry: Structure and Modelling in Chemistry (3) and the former CHEM 1310 University 1 Chemistry: An Introduction to Physical Chemistry (3) (or equivalent courses), that the courses can be used in lieu of the proposed requirements for CHEM 1100 Introductory Chemistry 1: Atomic and Molecular Structure and Energetics (3), CHEM 1110 Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties, and the laboratory course, CHEM 1120 Introduction to Chemical Techniques.

To accommodate the additional 3 credit hours of Chemistry course requirements, the number of Electives will be reduced from 6 to 3 credit hours. Based on the advice of the Committee, a note was added, to communicate to those students, who are admitted with only 6 credit hours of acceptable Chemistry courses, that they will be required to complete 6 credit hours of Electives. These students will include UM students who have completed the former CHEM 1300 and the former CHEM 1310 and students admitted from other institutions.

9. **Faculty of Education**

Educational Administration, Foundations and Psychology

The department is proposing the deletion of one (1) course and the introduction of two (2) courses. There would be no change to the overall number of credit hours offered by the department.

Curriculum, Teaching and Learning

The department is proposing the introduction of one (1) course and the modification of four (4) courses. The overall number of credit hours offered by the department would increase by 3 credit hours.

The department is proposing modifications to the **Bachelor of Education**, as outlined in the attachment to the Report. Specifically, two new courses, EDUA 3422 An Introduction to Childhood Trauma and Its Impact in the Classroom and EDUB 3402 Reconciliation in

K - 12 Education, would be added to the Education electives list. Additionally, EDUA 3422 would be added to the courses that meet the Special Education/Diversity requirement.

10. **Faculty of Engineering**

Faculty of Engineering

The faculty is proposing modifications to four (4) courses. There would be no change to the overall number of credit hours offered by the faculty.

A proposal to modify the **Preliminary Engineering Program** is included on the May 18, 2022, Senate agenda under item IV (2).

Biosystems Engineering

The department is proposing modifications to the core course requirements for the **Bachelor of Science in Engineering (Biosystems)**, as detailed in the attachment to the Report. The proposal follows from a recent course change made by the Department of Chemistry, Faculty of Science (Senate, January 12, 2022).

Civil Engineering

The department is proposing modifications to the core course requirements for the **Bachelor of Science in Engineering (Civil)**, as detailed in the attachment to the Report. The change is to communicate that, effective for the 2022 Fall Term, an Indigenous knowledge course requirement introduced for the Fall 2021 will be required for all students admitted to the program.

Mechanical Engineering

The department is proposing modifications to the core course requirements for the **Bachelor of Science in Engineering (Mechanical)**, as detailed in the attachment to the Report. The change follows from a recent course change made by the Department of Chemistry, Faculty of Science (Senate, January 12, 2022).

11. **Faculty of Health Sciences**

Interdisciplinary Health Program

The program is proposing modifications to the programs listed below, as detailed in the attachment to the Report. Year 4 of the B.H.Sc. degree will be revised to require ANAT 4010 Human Embryology. The number of free electives will be reduced from 9 to 6 credit hours to make room in the curriculum for this course. The only change in the B.H.St. is to reorganize the footnotes to the program chart.

- **Bachelor of Health Sciences**
- **Bachelor of Health Studies**

12. **Faculty of Management**

Faculty of Management – Actuarial Mathematics and Interdisciplinary Management

The faculty is proposing the deletion of five (5) actuarial mathematics (ACT) courses and the introduction of six (6) Interdisciplinary Management (IDM) courses. The overall number of credit hours offered by the faculty would decrease by 6 credit hours.

The faculty is proposing modifications to the programs listed below, as outlined in the attachment to the Report. The modifications follow from course deletions and introductions proposed by various departments in the faculty and recent course changes made by the Department of Indigenous Studies, Faculty of Arts, to change the course subject code “NATV” to “INDG”. The modification to the Core program, specifically, involves the removal of ACT 4250 Managing Insurance Operations in the International Business Environment, which is proposed for deletion, from the requirements for the International Business Requirement.

- **Bachelor of Commerce (Honours), Core program**
- **Bachelor of Commerce (Honours) in Actuarial Mathematics**
- **Bachelor of Commerce (Honours) Generalist**
- **Bachelor of Commerce (Honours) in Indigenous Business Studies**
- **Bachelor of Commerce (Honours) in International Business**
- **Bachelor of Commerce (Honours) in Logistics and Supply Chain Management**

The faculty will make various editorial changes to program descriptions in the 2022-2023 Academic Calendar, as detailed in the attachment to the Report.

Accounting and Finance

The department is proposing the deletion of three (3) courses, the introduction of five (5) courses, and the modification of two (2) courses. The overall number of credit hours offered by the department would increase by 6 credit hours.

Business Administration

The department is proposing the modification of four (4) courses. There would be no change to the overall number of credit hours offered by the department.

Marketing

The department is proposing the introduction of one (1) course. The overall number of credit hours offered by the department would increase by 3 credit hours.

Supply Chain Management

The department is proposing the deletion of two (2) courses. The overall number of credit hours offered by the department would decrease by 6 credit hours.

13. **College of Medicine**

Human Anatomy and Cell Science

The department is proposing the introduction of one (1) course. The overall number of credit hours offered by the department would increase by 3 credit hours.

14. **Faculty of Music**

The faculty is proposing the deletion of three (3) courses and the modification of twenty (20) courses. The overall number of credit hours offered by the faculty would decrease by 9 credit hours.

The faculty is proposing modifications to the **Bachelor of Music**, including the General, Performance, Composition, and History concentrations, as detailed in the attachment to the report. Some changes follow from proposed course deletions. Others are intended to clarify specific course requirements, in particular concentrations, which are currently communicated only in a list of elective courses (Electives: Third and Fourth Years) and not in the program charts. The changes are intended to make the requirements clearer for students.

Based on questions that arose as part of its review of the course and curriculum changes, the Committee requested that the Faculty develop language for the Academic Calendar, to communicate how a student's Major Practical Study and Minor Practical Study are determined. The Faculty provided the descriptions below.

Major Practical Study – Individual instruction on the applied instrument or voice or music composition (MUSC 1400, MUSC 2400, MUSC 3470, MUSC 4470, MUSC 4160, MUSC 5400) with which a student auditioned for entry into the Desautels Faculty of Music.

Minor Practical Study - Individual instruction on an applied instrument or voice or music composition (MUSC 1460, MUSC 2480, MUSC 3480, MUSC 4480) other than that selected for Major Practical Study, by special permission. Written consent of the dean is required prior to registration.

15. **College of Nursing**

The college is proposing modifications to the **Bachelor of Midwifery**, as detailed in the attachment to the Report. The changes follow from recent course changes made by the Department of Indigenous Studies, Faculty of Arts, to change the course subject code "NATV" to "INDG" (Senate, January 12, 2022). The Senate Committee on Admissions considered corresponding changes to the admission requirements at its meeting on March 22, 2022. The Report of SCADM is included under item IV (4)(a)(ii) on the May 18, 2022, Senate agenda.

The college is proposing modifications to the **Bachelor of Nursing**, as detailed in the attachment to the Report. Course requirements for Year 1, University 1 (Pre-Nursing) will be revised for alignment with Advanced Entry admission requirements. Specifically, (i) a requirement for BIOL 1412 Physiology of the Human Body will be revised to allow students to complete either BIOL 1412 or (BIOL 2410 Human Physiology 1 and BIOL

2420 Human Physiology 2); (ii) a requirement for MBIO 1220 Essentials of Microbiology will be revised to require MBIO 1220 or MBIO 3010 Mechanisms of Microbial Disease; (iii) NURS 1280 Introduction to Nursing will be removed from the list of eligible electives, as it has not been offered for five years. A new program note will be added to communicate that, for students who complete BIOL 2410 and BIOL 2420, the additional 3 credit hours will be used for admission purposes only, to meet the Year 1 Physiology course requirement.

In 2018, the implementation of Degree Audit in UM Achieve highlighted a discrepancy between Senate-approved admission criteria and a practice in the college to permit students to use BIOL 2410 and BIOL 2420 in lieu of BIOL 1412 and MBIO 3010 in lieu of MBIO 1220. The Advanced Entry admission criteria were revised to reflect this practice (June 20, 2018) but corresponding changes to the curriculum, to allow the courses to count toward the degree were not brought forward at that time.

16. **Faculty of Science**

Faculty of Science

The faculty is proposing the modification of one (1) course, DATA 2020 Tools and Techniques for Data Science.

The faculty is proposing modifications to the **Bachelor of Science (Major) in Data Science, including the Co-operative Option**, as detailed in the attachment to the Report. To provide students with more flexibility and for consistency with other programs in the faculty, the following substitutions will be allowed: (i) MATH 1210 Techniques of Classical Linear Algebra, with a minimum grade of B, in lieu of MATH 1220 Linear Algebra 1; (ii) COMP 2130 Discrete Mathematics for Computer Science in lieu of MATH 1240 Elementary Discrete Mathematics; (iii) STAT 2220 Contemporary Statistics for Engineers in lieu of STAT 1150 Introduction to Statistics and Computing. Entrance requirements for the programs will be revised to allow STAT 2220 to be used in lieu of STAT 1150.

Biological Sciences

The department is proposing modifications to the programs listed below, including the Co-operative Options, as detailed in the attachment to the Report. The revision involves the addition of one course, BIOL 3340 Biology of Primitive Fungi and Allies, to the electives list for the **Evolution and Biodiversity Theme**. The course was inadvertently left off the list when the list was first created.

- **Bachelor of Science (Major) in Biological Sciences**
- **Bachelor of Science (Honours) in Biological Sciences**

Computer Science

The department is proposing modifications to the **Bachelor of Science (Major) in Computer Science, including the Co-operative Option**, as detailed in the attachment to the Report. The requirement for COMP 3430 Operating Systems will be amended to add COMP 3010 Distributed Computing as an alternative course. The current requirement for COMP 3370 Computer Organization will be removed, and the number of

electives will be increased from 30 to 33 credit hours. The changes are intended to give students flexibility in selection of courses that would meet the graduation requirements.

Mathematics

The department is proposing the deletion of one (1) course and the introduction of one (1) course. There would be no change to the overall number of credit hours offered by the department.

Microbiology

The department is proposing the modification of ten (10) courses. There would be no change to the overall number of credit hours offered by the department.

Statistics

The department is proposing the introduction of two (2) courses and the modification of one (1) course. The overall number of credit hours offered by the department would increase by 6 credit hours.

The department is proposing modifications to the programs listed below, including the Co-operative Options, as detailed in the attachment to the Report. List A: Statistics Options for the Honours Program and List A: Statistics Options for the Major Program will be amended to include the two course introductions.

- **Bachelor of Science (Major) in Statistics**
- **Bachelor of Science (Honours) in Statistics**

17. Université de Saint-Boniface

Faculté des arts

The faculté is proposing changes to the programs listed below, as detailed in the attachment to the Report. It is proposing to reduce the minimum required grade in specific mathematics courses from a grade of "B" to a grade of "C."

- **Baccalauréat es arts avec majeure en mathématiques**
- **Mineure en mathématiques**

département de sciences humaines et sociales

The department is proposing the deletion of three (3) courses and the introduction of two (2) courses. The overall number of credit hours offered by the unit would decrease by 6 credit hours.

Faculté d'éducation

The faculté is proposing the introduction of one (1) course. The overall number of credit hours offered by the unit would increase by 3 credit hours.

École de travail social

The school is proposing the modification of three (3) courses. There would be no change to the number of credit hours offered by the unit.

The school is proposing modifications to the **Baccalauréat en travail social**, as set out in the attachment to the Report. The curriculum for Year 1 will be modified add SOC 1211 Introduction à la microsociologie and SOC 1221 Introduction à la macrosociologie as required courses and to specify the FRAN courses that students can use to meet a requirement for 6 credit hours of French based on an evaluation of their proficiency in French. Year 2 will be modified to require FRAN 1091 Rédaction universitaire, for students who do not complete the course in Year 1. The Senate Committee on Admissions (SCADM) considered corresponding changes to the admission requirements at its meeting on March 22, 2022. The Report of SCADM is included under item XI (2) on the May 18, 2022, Senate agenda.

Faculté des sciences

département des sciences expérimentales

The département is proposing the deletion of one (1) course, the introduction of four (4) courses, and the modification of eight (8) courses. The overall number of credit hours offered by the département would increase by 9 credit hours.

The département is proposing modifications to the programs listed below, as detailed in the attachment to the Report. The revision to the B.Sc. général involves lowering the minimum grade required from “B” to “C” for specific mathematics course requirements, for consistency with minimum required grades for courses in biology, chemistry, and microbiology, within in the B.Sc. général. The proposal is also consistent with changes proposed by the Faculté des arts, for the B.A. avec majeure en mathématiques and the Mineure en mathématiques.

The département is proposing to modify the B.Sc. majeure conjointe en biochimie-microbiologie (volet régulier et volet coopératif) to align with the programs offered at the University of Manitoba and to increase flexibility in course choices for students. The requirements for Years 3 and 4 will be revised to require either CHEM 4361 Signalisation et régulation de l’expression génétique or CHEM 4621 Biochimie des acides nucléiques, rather than both these courses. The number of electives would increase from 18 to 21 credit hours.

- **Baccalauréat ès sciences général**
- **Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie**
- **Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie, volet coopératif**

département des sciences mathématiques et physique

The département is proposing the modification of eight (8) courses. There would be no change to the overall number of credit hours offered by the département.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends that curriculum and course changes from the units listed below, be approved by Senate:

Faculty of Agricultural and Food Sciences

School of Art

Faculty of Arts

Program proposals:

- **Bachelor of Arts (Single Advanced Major) in Economics, Co-operative Education Option***
- **Bachelor of Arts (Single Honours) in Economics, Co-operative Education Option***

*For both the Economics and Econometrics Stream and the Economics and Society Stream

College of Dentistry

Faculty of Education

Faculty of Engineering

Faculty of Health Sciences

Faculty of Management

College of Medicine

Faculty of Music

College of Nursing

Faculty of Science

Université de Saint-Boniface

Respectfully submitted,

Professor Greg Smith, Chair
Senate Committee on Curriculum and Course Changes

SENATE COMMITTEE ON CURRICULUM AND COURSE CHANGES – 2022/2023

TIMETABLE FOR FACULTY/COLLEGE/SCHOOL SUBMISSIONS to the Office of the University Secretary

	Fall Deadline	SPPC Meeting	Spring Deadline	Senate Executive Meeting	Senate Meeting
Curriculum/Course changes < 9 CH	September 7, 2022 <i>Submitted to SCCCC only</i>			November 23 2022	December 7, 2022
Curriculum/Course changes > 9 CH or with resource implications	August 15, 2022 <i>Submitted to SCCCC and SPPC</i>	August 29, 2022		November 23, 2022	December 7, 2022
Curriculum/Course changes			February 8, 2023	May 3, 2023	May 17, 2023

Note:

1. All changes with resource implications must be considered by the Senate Planning and Priorities Committee (SPPC). Faculties/Colleges/Schools should provide a separate submission for SPPC.

Resource Implications include: (i) additions/deletions of courses in a department with a net increase of more than nine credit hours, submission to SPPC should include the [Statement on Resource Implications for SPPC](#); (ii) if a course is offered jointly with other faculty(s) what are the resource implications.
2. Proposals for course deletions or modifications (including changes to pre- or corequisites) that would impact other courses/programs, including courses/programs in other units, should, **ideally**, be brought forward for the Fall deadline. Academic units initiating such changes are **required** to advise other affected units of the proposed change(s), including an indication of the term the change would take effect, so other units have an opportunity to submit corresponding changes to the SCCCC for the same Fall deadline, **ideally**, or the next ensuing Spring deadline. The Registrar's Office can assist units in identifying other courses/programs affected by a proposed course modification/deletion where an academic unit does not have this information.
3. The submission of *new* undergraduate programs and articulation agreements with or without additional funding will be considered on an on-going basis by SCCCC and SPPC. In the fall, the Committee's focus is on course changes, therefore, new programs might not be dealt with as quickly as at other times of the year.

Faculty of Agricultural and Food Sciences

Agribusiness and Agricultural Economics

Modification:

ABIZ 4120 Intermediate Econometrics 3 cr 0.0
A course in applied econometrics that explores the regression model and how it may be applied. Special emphasis is placed on violations to the assumptions of least squares, specification error, and applying the model to production, marketing, forecasting and other applications. May not be held with ECON 4040 or the former ECON 4120. Prerequisite: ABIZ 3080 or ECON 3040 (or the former ECON 3180).

NET CHANGE IN CREDIT HOURS: 0.0

Agriculture, General

Introduction:

AGRI 3500 Geographical Information Systems (GIS) Applications in Agriculture 3 cr +3.0
Geographical information systems (GIS) applications are becoming widespread in modern agriculture. This course introduces students to fundamental concepts as well as recent developments in GIS pertaining to agriculture. Students will engage in spatial analyses that include mapping and summarizing soil, crop, livestock, and weather datasets. During these analyses, students will experience the complete GIS workflow by downloading and inputting data into GIS software, quality controlling and pre-processing datasets, using GIS analytical tools, and exporting spatial products such as digital maps. Prerequisite: A minimum 60 credit hours of university level courses.

NET CHANGE IN CREDIT HOURS: +3.0

Animal Science

Modification:

ANSC 3530 The Animal and Its Environment 3 cr 0.0
(Lab required) This course explores how an animal is influenced by its environment with respect to effects upon health, welfare and performance. Principles of farmed animal behaviour, welfare and behavioural management, health, and facility design and modification will be considered in the context of animal/environment interactions. Prerequisite: ANSC 2510 or BIOE 2590.

NET CHANGE IN CREDIT HOURS: 0.0

Food and Human Nutritional Science

Deletions:

FOOD 4240 Analysis of Water and Wastes 3 cr -3.0
HNSC 4320 Nutrition Management of Disease States 3 cr -3.0

Modifications:

FOOD 4150 Food Microbiology 1 3 cr 0.0

(Lab required) This course focuses on the significance of the presence and/or growth of microorganisms in foods and their importance in the production and safety of foods. Contents include the microbial ecology of food, beneficial microorganisms in food systems, pathogenic and spoilage microorganisms, characteristics of foodborne infection, food intoxication and the influence within the food system of the growth and survival of microorganisms and contaminants that may occur in a food-processing environment. Food preservation and food processing related to food microbiology are also discussed.

FOOD 4260 Water Management in Food Processing 3 cr 0.0

(Lab required) The course is devoted to the management of water and wastewater in food processing. The roles of water in food processing, recycle and reuse opportunities, treatment options for water and wastewater are presented. The course also discusses water stewardship in relation to food processing, water and wastewater regulations and implication for HACCP and ISO. Laboratory sessions are designed for the student to become familiar with Standard Methods for the Examination of Water and Wastewater. May not be held with the former FOOD 4240.

FOOD 4510 Food Product Development 3 cr 0.0

This course will help the student gain an understanding of the product development procedure as it relates to the food industry. Emphasis will be on application of basic knowledge of foods and food processing in designing a new product. May not be held with HNSC 4280.

Prerequisites: ABIZ 1000 and FOOD 3010 and MKT 2210 and [AGRI 2400 or STAT 2000 or STAT 2001].

HNSC 4280 Food Product Development 3 cr 0.0

This course will help the student gain an understanding of the product development procedure as it relates to the food industry. Emphasis will be on application of basic knowledge of foods and food processing in designing a new product. May not be held with FOOD 4510.

Prerequisites: MKT 2210 and [ABIZ 1000 or GMGT 1010] and [AGRI 2400 or STAT 2000 or STAT 2001] and [FOOD 3010 or HNSC 3330].

HNSC 4310 Nutrition and the Elderly 3 cr 0.0

The role of nutrition in health promotion and disease prevention during aging. Pre- or corequisite: HNSC 2140

HNSC 4340 Maternal and Child Nutrition 3 cr 0.0

The role of nutrition in normal human development from conception through childhood. Pre- or corequisite: HNSC 2140.

HNSC 4500 Clinical Nutrition 1 3 cr 0.0

An introduction to the principles of patient care in the hospital settings. Students will gain theoretical and practical knowledge to assess and apply recommendations and guidelines to specific clinical disease states. May not be held with the former HNSC 4320. Pre- or corequisites: HNSC 3220 (or the former HNSC 3320), HNSC 3310, HNSC 3300, and HNSC 3400.

HNSC 4550 Clinical Nutrition 2 3 cr 0.0
Practical application of patient care: Nutritional assessment and dietary management of acute and chronic disease states. In this interactive course, students will build upon the basic principles covered in HNSC 4500 (Clinical Nutrition 1) integrating the theory with practical practice. May not be held with the former HNSC 4320. Corequisite: HNSC 4500.

NET CHANGE IN CREDIT HOURS: -6.0

Plant Science

Deletion:

PLNT 0760 Crop Production Specialization and Innovation 4 cr -4.0

NET CHANGE IN CREDIT HOURS: -4.0

School of Agriculture

Introduction:

DAGR 0430 Crop Production Specialization and Innovation 4 cr +4.0
(Lab required) Tools and research to support sound agronomic decision-making for production of cereals, oilseeds, pulses and upcoming innovative special crops in Manitoba. The course will emphasize assessing the potential of incorporating innovative and specialized crops to achieve economical and ecological benefits. The course will address planning, production and harvesting of special crops as well as product quality, opportunities for processing and marketing. May not be held with the former PLNT 0760. Prerequisite: PLNT 0410 or the former DAGR 0420. Pre- or corequisite: DAGR 0490.

Modifications:

DAGR 0490 Applied Farm Management 3 cr 0.0
An introduction to an objectives-driven plan that deals with production and financial management. Students will generate and analyze enterprise budgets and financial statements. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. There will be three full day field trips. May not be held with the former DAGR 0680. Prerequisites: DAGR 0480 and ABIZ 0460. Pre or co-requisite: ABIZ 0470 and DAGR 0430 (or the former PLNT 0760).

DAGR 0990 Farm Management Project 2 3 cr 0.0
Refinement of a comprehensive objectives-driven plan that deals with production and financial management. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. Students will present and defend their plan to a panel composed of academics and industry representatives. Students must submit a satisfactory set of current financial and production records for the farm they will be basing their project on to register. May not be held with the former DAGR 0690. Prerequisites: DAGR 0980 and ABIZ 0450.

NET CHANGE IN CREDIT HOURS: +4.0

Program modification:

Modifications to the **Diploma in Agriculture** are outlined on the next 3 pages.

Degree Requirements

Diploma in Agriculture

Year 1

FALL	HOURS
<u>ANSC 0420</u> Animal Biology and Nutrition	4
<u>ABIZ 0460</u> Financial Management 1	4
<u>DAGR 0410</u> Skills for Agricultural Communication and Decision Making	4
<u>DAGR 0480</u> Introductory Farm Management	3
<u>PLNT 0410</u> Crop Production Principles and Practices	4
<u>SOIL 0420</u> Soil Resources and Productivity	4
Hours	23
WINTER	
<u>ABIZ 0470</u> Financial Management 2	4
<u>ABIZ 0440</u> Agricultural Economics & Marketing 1	4
<u>BIOE 0222</u> Precision Agriculture- Technological Tools for Decision Making	4
<u>DAGR 0490</u> Applied Farm Management	3
<u>PLNT 0760</u> Crop Production Specialization and Innovation	4
DAGR 0430	
<u>SOIL 0620</u> Soil and Water Management	4
Hours	23

Year 2

FALL	
<u>ABIZ 0450</u> Agricultural Economics and Marketing 2	4
<u>DAGR 0980</u> Farm Management Project 1	3
Hours	7
WINTER	
<u>DAGR 0910</u> Integrated Sustainable Agri-Food Systems	3
<u>DAGR 0920</u> Current Issues in Agriculture and Food	3
<u>DAGR 0990</u> Farm Management Project 2	3
Hours	9
Total Hours	62

Program Electives

Students can select program electives to fulfill the program's 93 credit hour requirement. The following Faculty of Agricultural and Food Sciences' courses are approved as program electives for the Agriculture Diploma program. In addition, students may be allowed to register for a maximum of three credit hours of electives from degree or diploma programs offered outside the Faculty of Agricultural and Food Sciences for credit towards the Agriculture Diploma. Credit for these courses will be granted on the

condition that there is not significant overlap of course content. Students planning to register for degree courses should contact the Student Services Office to discuss implications for scheduling and graduation, as these courses start earlier in September and end later in April.

Course	Title	Hours
<u>ABIZ 0710</u>	Agricultural Policy	3
<u>ABIZ 0730</u>	Financial Risk Management	3
<u>ABIZ 0740</u>	Special Topics in Business Management	3
<u>ABIZ 0750</u>	Advanced Agricultural Financial Management and Lending	3
<u>ABIZ 1000</u>	Introduction to Agribusiness Management	3
<u>ABIZ 1010</u>	Economics of World Food Issues and Policies	3
<u>ABIZ 2610</u>	Agricultural Law	3
<u>ABIZ 2620</u>	Agricultural Human Resource Management	3
<u>ABIZ 3530</u>	Farm Management	3
<u>AGRI 2002</u>	Agricultural and Food Sciences Co-operative Education Work Term 1	3
AGRI 2300	Indigenous Issues in Food Systems	3
<u>AGRI 2500</u>	Managing Farm Safety	3
<u>AGRI 2510</u>	Managing Farm Business Transition	3
<u>AGRI 3030</u>	Modern Topics in Agriculture 1 ¹	3
<u>ANSC 0600</u>	Animal Health and Welfare	3
<u>ANSC 0670</u>	Beef Cattle Production and Management	4
<u>ANSC 0680</u>	Dairy Cattle Production and Management	4
<u>ANSC 0690</u>	Swine Production and Management	4
<u>ANSC 0700</u>	Poultry Production and Management	4
<u>ANSC 0720</u>	Special Topics in Livestock Management	3
<u>ANSC 0730</u>	Horse and Stable Management	3
<u>BIOE 0600</u>	Farm Machinery	4
<u>BIOE 0700</u>	Agricultural Buildings and Environments	4
<u>BIOE 0710</u>	Materials Handling and Electrical Controls	3
<u>DAGR 0510</u>	Farm Management Practicum	3
<u>DAGR 0540</u>	Exploring New Opportunities in Adding On-Farm Value	4
<u>DAGR 0610</u>	Advanced Communication and Leadership	3
<u>DAGR 0630</u>	Special Project	3
<u>DAGR 0660</u>	Special Topics in General Agriculture	3
<u>ENTM 0610</u>	Beekeeping	2
<u>ENTM 0620</u>	Insect Pest Management	4
<u>ENTM 1000</u>	World of Bugs	3
<u>FOOD 1000</u>	Food Safety Today and Tomorrow	3
<u>HNSC 1200</u>	Food: Facts and Fallacies	3
<u>HNSC 1210</u>	Nutrition for Health and Changing Lifestyles	3

Course	Title	Hours
<u>PLNT 0750</u>	Forage and Pasture Management	4
<u>PLNT 0770</u>	Weed Management	4
<u>PLNT 0780</u>	Plant Disease Management	4
<u>PLNT 0810</u>	Special Topics in Crop Management	3
<u>PLNT 0820</u>	Organic Crop Production on the Prairies	3
<u>PLNT 1000</u>	Urban Agriculture	3
<u>SOIL 0630</u>	Soil Fertility	4

Course List

- ¹ AGRI 3030 Modern Topics in Agriculture 1 is a topics course that will vary term to term with a variety of subject areas. The course may be completed more than once for credit, if taken under different course titles.

School of Art

Program modifications:

Modifications to the programs listed below are outlined on the next page.

- **Bachelor of Fine Arts (General) in Art History**
- **Bachelor of Fine Arts (Honours) in Art History**

APPROVED LIST OF COURSES

Course	Title	Hours
<u>ASIA 1420</u>	Asian Civilizations to 1500 (B)	3
<u>ASIA 1430</u>	Asian Civilization from 1500 (B)	3
<u>CDN 1130</u>		6
<u>CATH 1190</u>	Introduction to Catholic Studies	3
CDN 1000	Introduction to Canada	3
<u>CLAS 1270</u>	Introduction to Ancient Greek Culture	3
<u>CLAS 1280</u>	Introduction to Ancient Roman Culture	3
<u>FILM 1290</u>	The Art of the Film 1	3
<u>FILM 1310</u>	Film History	3
<u>GRMN 2120</u>	Introduction to German Culture from 1918 to the Present (C)	3
<u>GRMN 2130</u>	Introduction to German Culture from the Beginnings to 1918 (C)	3
<u>HIST 1200</u>	An Introduction to the History of Western Civilization (G)	6
<u>HIST 1350</u>	An Introduction to the History of Western Civilization to 1500 (G)	3
<u>HIST 1360</u>	An Introduction to the History of Western Civilization from 1500 (G)	3
<u>HIST 1370</u>	Modern World History: 1500-1800 (M)	3
<u>HIST 1380</u>	Modern World History: 1800-Present (M)	3
<u>HIST 1440</u>	History of Canada (C)	6
<u>HIST 2390</u>	Early Modern Europe, 1450-1789 (E)	6
<u>HIST 2420</u>	The Medieval World (D)	6
INDG 1200	Indigenous Peoples in Canada	6
INDG 1220	Indigenous Peoples in Canada, Part 1	3
INDG 1240	Indigenous Peoples in Canada, Part 2	3
<u>MUSC 1930</u>	Rudiments of Music	3
<u>NATV 1200</u>		6
<u>NATV 1220</u>	Indigenous Peoples in Canada, Part 1	3
<u>NATV 1240</u>	Indigenous Peoples in Canada, Part 2	3
<u>PHIL 1200</u>	Introduction to Philosophy	6
<u>PHIL 1290</u>	Critical Thinking	3
<u>RLGN 1322</u>	Introduction to Eastern Religions	3
<u>RLGN 1324</u>	Introduction to Western Religions	3
<u>RUSN 2290</u>	Russian Culture from 1900 to the Present	3
<u>UKRN 2780</u>	Ukrainian Culture from 1900 to the Present	3
<u>WOMN 1500</u>	Introduction to Women's and Gender Studies in the Humanities	3

Faculty of Arts

Economics

Program modifications:

Modifications to the programs listed below are outlined on the next 10 pages.

- **Bachelor of Arts (Single Advanced Major) in Economics, Co-operative Education Option - *new***
- **Bachelor of Arts (Single Honours) in Economics, Co-operative Education Option - *new***

Department of Economics Program Modifications

- The Department of Economics proposes the modification of the Single Advanced Major (Economics and Econometrics stream), Single Advanced Major (Economics and Society Stream), Single Honours (Economics and Econometrics Stream), and Single Honours (Economics and Society Stream). Specifically, the Department proposes the addition of a Cooperative Education option to these 4-year programs.

Added Material

~~Deleted Material~~

Economics

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Website: umanitoba.ca/economics

Program Information

The economy is important to all Canadians, and economics is the field of study that helps us understand our world: wages and employment, economic growth, productivity, wealth and poverty, government budgets and taxation, resource exploitation, business practices, inflation, recession, regional economic differences. In economics we study the history and current reality of these issues. We learn the principles and techniques necessary to gain a sound understanding of the choices and problems facing us during our lifetime.

For entry, continuation and graduation requirements for the General Degree, Advanced Degree and Honours Degree, see: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

General Major Program

For entry to the General Major, the prerequisite is a grade of “C” or better in both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220.

A minimum “C” average in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Advanced Major Program

For entry to the Advanced Major, the prerequisite is a grade of “C” or better in both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220.

When entering the four-year Advanced Major program in Economics, students are required to select from one of two available streams: Economics and Econometrics stream or Economics and Society stream. For information on the courses required in the different streams, please review the stream-specific program charts. Students who decide to switch streams are eligible to do so and are responsible for ensuring that they will meet the specific requirements of the stream they select.

A minimum “C” average in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of “C” or better in both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220.

Honours Program

For entry to the Honours program, see: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

When entering the four-year Single Honours program in Economics, students are required to select from one of two available streams: Economics and Econometrics stream or Economics and Society stream. For information on the courses required in the different streams, please review the stream-specific program charts. Students who decide to switch streams are eligible to do so and are responsible for ensuring that they will meet the specific requirements of the stream they select.

Honours students are advised to select their ancillary options from the following disciplines: Geography, History, Mathematics, Political Studies, Statistics, Sociology, and Philosophy. However, other fields may be selected to satisfy study or career interests.

Co-operative Education Options

Students interested in alternating employment terms and academic terms as part of the Single Advanced Major or the Single Honours programs in Economics may apply to enter the Co-operative Education Option upon completion of their second year in the program (min. 48 credit hours completed). The course and grade requirements for entry to this option are the same as those required for entry to the Single Advanced Major and Honours programs respectively, as indicated above. Students should refer to the general faculty regulations for Co-operative Options for additional conditions of this option.

Preparation for Graduate Studies

Students contemplating graduate work are advised to complete the Honours program. Students who pursue the Economics and Econometrics stream will obtain good background knowledge of mathematics, statistics, and econometrics, as well as core theory courses in economics. Students who pursue the Economics and Society stream are advised to confirm what undergraduate econometrics or statistics courses may be necessary for admission to a future Economics graduate program at this or another institution, and plan their optional courses accordingly.

Economics-Mathematics Joint Honours Program

The Department of Economics and the Department of Mathematics (Faculty of Science) offer a Joint Honours program for students wishing in-depth study in Economics and Mathematics. For Mathematics course listings, refer to the Faculty of Science in the Calendar.

Students in the Joint Honours program will follow the regulations outlined in the Honours program, see: Honours Degree Program.

Economics-Statistics Joint Honours Program

The Department of Economics and the Department of Statistics (Faculty of Science) offer a Joint Honours program for students wishing in-depth study in Economics and Statistics. For Statistics course listings, refer to the Faculty of Science in the Calendar.

Students in the Joint Honours program will follow the regulations outlined in the Honours program, see: Honours Degree Program.

Single Advanced Major - Economics and Econometrics Stream
(Including Co-operative Education Option if selected)

Year 1		Hours
Select one of the following pairs of Introductory courses:		6
Both of:		
ECON 1010 & ECON 1020	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
ECON 1210 & ECON 1220	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
Select one of the following		
MATH 1500 or MATH 1520	Introduction to Calculus or Introductory Calculus for Management and Social Sciences	3
6 credit hours from your Minor area of study as described in that unit's section of the calendar.		6
15 credit hours from outside of your Major and Minor areas of study		15
Hours		30
Year 2		
ECON 2010	Microeconomic Theory 1	3
ECON 2020	Macroeconomic Theory 1	3
ECON 2030	Mathematical Economics 1	3
ECON 2040	Quantitative Methods in Economics	3
Hours		12
Years 2-4		
3 credit hours from:		3
ECON 2350	Community Economic Development	
ECON 2362	Economics of Gender	
ECON 2540	Political Economy 1: Production and Distribution	
ECON 2550	Political Economy 2: Economic Growth and Fluctuations in a Global Economic Environment	
ECON 3392	An Introduction to Development Economics	
ECON 3692	Economic Determinants of Health	

ECON 3810	Alternative Approaches to Macroeconomic Analysis	
ECON 4050	History of Economic Thought 1	
ECON 4052	History of Economic Thought 2	
9 credit hours in Economics numbered at the 2000 level or higher		9
12 credit hours from your Minor area of study as described in that unit's section of the calendar.		12
27 credit hours from outside your Major and Minor areas of study.		27
12 credit hours of open electives		12
Hours		63

Year 3

ECON 3010	Microeconomic Theory 2	3
ECON 3020	Macroeconomic Theory 2	3
ECON 3040	Introduction to Econometrics	3
Hours		9

Year 4

ECON 4822	Economic Research and Communication	6
Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation		
Hours		6

Total Hours		120
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Year 3 and 4 Co-operative Education Option

If the Co-operative Education Option is selected, time to degree completion will be extended by 12 months, and the following three, 1 credit hour work-term courses will count toward the outside or open elective credit listed above:		
ARTS 3010	Arts Co-operative Option 1	1
ARTS 3020	Arts Co-operative Option 2	1
ARTS 3030	Arts Co-operative Option 3	1
Hours		3
Total Hours		3

Single Advanced Major - Economics and Society Stream¹
(Including Co-operative Education Option if selected)

Year 1		Hours
Select one of the following pairs of Introductory Economic courses:		6
Both of:		
ECON 1010 & ECON 1020	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
ECON 1210 & ECON 1220	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
6 credit hours from your Minor area of study as described in that unit's section of the calendar.		6
18 credit hours from outside of your Major and Minor areas of study		18
Hours		30
Year 2		
ECON 2010	Microeconomic Theory 1	3
ECON 2020	Macroeconomic Theory 1	3
ECON 2040	Quantitative Methods in Economics	3
Hours		9
Years 2-4		
3 credit hours from:		3
ECON 2350	Community Economic Development	
ECON 2362	Economics of Gender	
ECON 2540	Political Economy 1: Production and Distribution	
ECON 2550	Political Economy 2: Economic Growth and Fluctuations in a Global Economic Environment	
6 credit hours from:		6
ECON 3374	Public Expenditure Analysis and Policy Evaluation	
ECON 3376	Taxation, Tax Policy and Inter-government Public Finance Issues	
ECON 3392	An Introduction to Development Economics	
ECON 3394	Development Economics: Problems and Policies	
ECON 3690	Economic Issues of Health Policy	
ECON 3692	Economic Determinants of Health	
ECON 3710	Sustainable Development: Issues and Policy	

ECON 3720	Urban and Regional Economics and Policies	
ECON 4050	History of Economic Thought 1	
ECON 4052	History of Economic Thought 2	
12 credit hours in Economics numbered at the 2000 level or higher		12
12 credit hours from your Minor area of study as described in that unit's section of the calendar.		12
24 credit hours from outside your Major and Minor areas of study.		24
12 credit hours of open electives		12
Hours		69

Year 3

ECON 3040	Introduction to Econometrics	3
ECON 3810	Alternative Approaches to Macroeconomic Analysis	3
Hours		6

Year 4

Select one of the following: 6

ECON 4822	Economic Research and Communication ²	
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or

6 credit hours in Economics at the 4000 level

Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation

Hours		6
Total Hours		120

Year 3 and 4 Co-operative Education Option

If the Co-operative Education Option is selected, time to degree completion will be extended by 12 months, and the following three, 1 credit hour work-term courses will count toward the outside or open elective credit listed above:

ARTS 3010	Arts Co-operative Option 1	1
ARTS 3020	Arts Co-operative Option 2	1
ARTS 3030	Arts Co-operative Option 3	1
Hours		3
Total Hours		3

Economics, B.A. Single Honours - Economics and Econometrics Stream¹
(Including Co-operative Education Option if selected)

Year 1		Hours
Select one of the following pairs of Introductory Economics courses:		6
Both of:		
ECON 1010 & ECON 1020	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
ECON 1210 & ECON 1220	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
MATH 1500 or MATH 1520	Introduction to Calculus or Introductory Calculus for Management and Social Sciences	3
21 credit hours of ancillary options ²		21
Hours		30
Year 2		
ECON 2010	Microeconomic Theory 1	3
ECON 2020	Macroeconomic Theory 1	3
ECON 2030	Mathematical Economics 1	3
ECON 2040	Quantitative Methods in Economics	3
6 credit hours of Economics numbered at the 2000 level or higher		6
3 credit hours of ancillary options ²		3
9 credit hours of free options ³		9
Hours		30
Year 3		
ECON 3010	Microeconomic Theory 2	3
ECON 3020	Macroeconomic Theory 2	3
ECON 3030	Mathematical Economics 2	3
ECON 3040	Introduction to Econometrics	3
ECON 3810	Alternative Approaches to Macroeconomic Analysis	3
12 credit hours of Economics numbered at the 3000 level or higher		12

3 credit hours of free options ³	3
Hours	30

Year 4

ECON 4010	Advanced Microeconomic Theory	3
ECON 4020	Topics in Advanced Macroeconomic Theory	3
ECON 4040	Seminar in Applied Econometrics	3
ECON 4050	History of Economic Thought 1	3
6 credit hours of Economics numbered at the 4000 level		6
12 credit hours of free options ³		12

Refer to the information below this list for other important degree requirements that B.A. Honours students must satisfy for graduation.

Hours	6
Total Hours	120

Year 3 and 4 Co-operative Education Option

If the Co-operative Education Option is selected, time to degree completion will be extended by 12 months, and the following three, 1 credit hour work-term courses will count toward the free options listed above:

ARTS 3010	Arts Co-operative Option 1	1
ARTS 3020	Arts Co-operative Option 2	1
ARTS 3030	Arts Co-operative Option 3	1
Hours		3
Total Hours		3

Economics, B.A. Single Honours - Economics and Society Stream¹
(Including Co-operative Education Option if selected)

Year 1		Hours
Select one of the following pairs of introductory Economics courses:		6
Both of:		
ECON 1010 & ECON 1020	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
ECON 1210 & ECON 1220	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
MATH 1500 or MATH 1520	Introduction to Calculus or Introductory Calculus for Management and Social Sciences	3
21 credit hours of ancillary options ²		21
Hours		30
Year 2		
ECON 2010	Microeconomic Theory 1	3
ECON 2020	Macroeconomic Theory 1	3
ECON 2030	Mathematical Economics 1	3
ECON 2040	Quantitative Methods in Economics	3
6 credit hours of Economics numbered at the 2000 level or higher		6
3 credit hours of ancillary options ²		3
9 credit hours of free options ³		9
Hours		30
Year 3		
ECON 3010	Microeconomic Theory 2	3
ECON 3020	Macroeconomic Theory 2	3
ECON 3040	Introduction to Econometrics	3
ECON 3810	Alternative Approaches to Macroeconomic Analysis	3
9 credit hours from:		9
ECON 2310	Canadian Economic Problems	
ECON 2630	An Introduction to the World's Economies	

ECON 3374	Public Expenditure Analysis and Policy Evaluation	
ECON 3376	Taxation, Tax Policy and Inter-government Public Finance Issues	
ECON 3392	An Introduction to Development Economics	
ECON 3394	Development Economics: Problems and Policies	
ECON 3690	Economic Issues of Health Policy	
ECON 3692	Economic Determinants of Health	
ECON 3710	Sustainable Development: Issues and Policy	
ECON 3720	Urban and Regional Economics and Policies	
9 credit hours of free options ³		9
Hours		30

Year 4

ECON 4040	Seminar in Applied Econometrics	3
ECON 4050	History of Economic Thought 1	3
6 credit hours of Economics numbered at the 3000 level or higher		6
12 credit hours of Economics numbered at the 4000 level		12
6 credit hours of free options ³		6

Refer to the information directly below this list for other important degree requirements that B.A. Honours students must satisfy for graduation.

Hours	30
Total Hours	120

Year 3 and 4 Co-operative Education Option

If the Co-operative Education Option is selected, time to degree completion will be extended by 12 months, and the following three, 1 credit hour work-term courses will count toward the free options listed above:

ARTS 3010	Arts Co-operative Option 1	1
ARTS 3020	Arts Co-operative Option 2	1
ARTS 3030	Arts Co-operative Option 3	1
Hours		3
Total Hours		3

French, Spanish and Italian

Modification:

FREN 3170 Littératures du Canada francophone contemporain (B) 3 cr 0.0
Ce cours offrira un aperçu des grands enjeux des littératures de la francophonie canadienne à partir des années 1970. Il se concentrera sur une ou plusieurs grandes œuvres contemporaines, réunies soit autour d'un genre, soit autour d'un thème commun. Des liens pourront être établis avec d'autres domaines des arts : cinéma, chanson, peinture, bandedessinée par exemple. Prerequisite: any 2000-level French course or written consent of department head. FREN 2610 may not be used as a prerequisite.

NET CHANGE IN CREDIT HOURS: 0.0

History

Modifications:

HIST 1390 History of Colonial Canada: 1500-1885 (C) 3 cr 0.0
A study of settler colonialism and the creation of Canada, from its colonial origins to Confederation and the consolidation of nationhood through war and expansion. Emphasis is on understanding Canada in a transimperial perspective that foregrounds the connections between empire, Indigenous-settler relations, French Canada, American relations, and early social, political, and economic life. May not be held with HIST 1401, HIST 1403, HIST 1440 or the former HIST 1441.

HIST 1400 History of the Canadian Nation since 1867 (C) 3 cr 0.0
A study of the national development of Canada to the present. Emphasis is placed on French Canada, the regional life and social organization of the country, the impact of continentalism, the development of the economy, and the rise of a national sentiment. May not be held with HIST 1401, HIST 1403, HIST 1440 or the former HIST 1441.

HIST 1440 History of Canada (C) 6 cr 0.0
A survey history of the areas that became Canada from earliest times to the present day. Major themes include Indigenous societies before and after European contact, settler colonialism, the fur trade, French Canada, industrialism and modernization, immigration, nationalism and Canada's relationships with the world. In addition to political and economic history, a major focus of this course will be social history. Themes such as social class, gender, and ethnicity will be explored in an attempt to understand the roots of change in Canadian society. May not be held with HIST 1390, HIST 1400, HIST 1401, HIST 1403, or the former HIST 1441.

HIST 2286 Modern Canada (C) 3 cr 0.0
Since the First World War, Canada has grappled simultaneously with modern pressures and the legacies of its colonial foundations. This course delves into topics such as: social change and continuity, economic boom and bust, political trends, struggles for equality, Indigenous life, international and internal affairs, immigration, and nationalism. May not be held with the former HIST 2970, the former HIST 2971, or the former HIST 3050.

HIST 3250 Canada and the World, 1867 to the Present (C) 6 cr 0.0
This course deals with the history of Canada in an international context. While focused mainly on the period after 1867, Canada's colonial origins are also emphasized. The course surveys

other topics, including Canada's dealings with First Nations, empires, and wartime enemies, global developments (like wars and trade deals), the Cold War, the threat of nuclear destruction, and migration. Prerequisite: a grade of C or better in six credit hours of history or written consent of department head.

HIST 3730 A History of Western Canada (C) 6 cr 0.0

This course traces the history of modern day Western Canada, through exploring the social, political, and economic forces that shaped the environments and societies that have emerged since European contact. Topics may include the history of Indigenous polities, trade and alliance, the fur-trade, Metis society and politics, gender and settler-colonization, environment and economy, labour and radical politics, and Indigenous resistance and decolonization. Prerequisite: a grade of C or better in six credit hours of history or written consent of department head.

HIST 3780 Studies in Canadian History (C) 3 cr 0.0

This is a Special Topics course. The content will be set by the instructor each time it is offered. For more information check with the course instructor. Students can earn multiple credits for this course, but not for the same course topic. May not be held with the former HIST 3781 when the topic is the same. Prerequisite: a grade of C or better in six credit hours of history or written consent of Department Head.

HIST 4280 Topics in the Cultural History of Canada (C) 6 cr 0.0

A seminar course focusing on various themes in the cultural history of the place called Canada. How have people there expressed their understanding of factors like religion, gender, war, empire, class, etc.? What have historians done to help us understand the beliefs, works of art, popular movements, laws, or institutions that emerged? Prerequisite: written consent of department head.

HIST 4890 Canadian Social History (C) 6 cr 0.0

Canadian Social History focuses on the ways in which people's lives shaped and were shaped by their physical and social environments, relationships of power, and legal and political forces. Prerequisite: written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

Indigenous Studies

Modifications:

INDG 2000 Selected Topics in Indigenous Studies 3 cr 0.0

The content of this course will vary. Depending on instructor, this course may have a field component. Contact the Department of Indigenous Studies for details. Students can earn multiple credits for this course only when the topic subtitle is different. May not be held with the former NATV 2000 when the topic subtitle is the same. Prerequisite: [INDG 1200 or the former NATV 1200] or [INDG 1220 or the former NATV 1220] or [INDG 1240 or the former NATV 1240] or written consent of department head.

INDG 3000 Selected Topics 3 cr 0.0

The content of this course will vary. Contact the department for a course description. Students can earn multiple credits for this course only when the topic subtitle is different. May not be held with the former NATV 3000 when the topic subtitle is the same. Prerequisite: [INDG 1200 or the former NATV 1200] or [(INDG 1220 or the former NATV 1220) and (INDG 1240 or the former NATV 1240)] or written consent of department head.

INDG 3140 Indigenous Resistance Literature 3 cr 0.0

This course will trace and explore the history and practice of Indigenous resistance literature in Canada. Attention will be given to political and creative writing in contrapuntal response to the Canadian colonial situation. Classes will be based largely on seminar discussions and readings. May not be held with the former NATV 3140. Prerequisite: [INDG 1200 or the former NATV 1200] or [(INDG 1220 or the former NATV 1220) and (INDG 1240 or the former NATV 1240)].

INDG 3224 Structure of the Cree Language 3 cr 0.0

A detailed structural analysis of Cree with special attention to the problem of dialect variation and to the contrastive analysis of Cree and English. May not be held with any of: INDG 3222, LING 3320, the former NATV 2320, the former NATV 3222, the former NATV 3224.

Prerequisite: INDG 2252 and INDG 2254 (or the former NATV 2250) or written consent of the instructor.

INDG 4300 Advanced Selected Topics in Indigenous Studies 3 cr 0.0

The course content will vary from year to year. Students can earn multiple credits for this course only when the topic subtitle is different. Contact the Department for a course description. May not be held with the former NATV 4300 when the topic subtitle is the same. Prerequisite: INDG 2530 or the former NATV 2530 or written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

Labour Studies

Program modification:

Modifications to the requirements for admission to the **Micro-Diploma in Workplace Health and Safety** are outlined on the next 3 pages.

Recommendations:

Faculty of Arts

- The Faculty of Arts proposes the modification to the Micro Diploma (9 credit hours) in Workplace Health and Safety by inserting the admissions requirements for this program

Added Material

~~Deleted Material~~

Labour Studies

Program Coordinator: David Camfield

Program Office: 218 Isbister

Telephone: 204 474 8356

E-mail: labour_studies@umanitoba.ca

Website: umanitoba.ca/labour_studies

Program Information

This interdisciplinary program examines the social, economic and political realities of work. Social justice and fundamental rights, the way work is organized, the dynamics of power in the workplace and the political economy of labour are examined critically. We explore the past, present and future of the labour movement and the wide-ranging effects of globalization on our daily lives. Using theoretical and practical approaches, we examine the forces that shape working people's lives and our responses to them.

For entry, continuation and graduation requirements for the General Degree, Advanced Degree and Honours Degree, see: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in both LABR 1260 and LABR 1290.

A minimum "C" average in all courses that comprise the Major is required to graduate including the higher grade of repeated courses and excluding failed courses.

Advanced Major Co-operative Education Option

Students interested in alternating employment terms and academic terms as part of the Advanced Major program in Labour Studies may apply to enter the Co-operative Education option upon completion of their second year in the program (min. 48 credit hours complete). The course and grade requirements for entry to this option are the same as those required for entry to the regular four-year Advanced Degree program. Students should refer to the general faculty regulations for Cooperative Options.

Minor (Concentration) Program

For entry to the Minor, the prerequisite is a grade of “C” or better in both LABR 1260 and LABR 1290.

Micro Diploma in Workplace Health and Safety

The Labour Studies program offers a Micro Diploma in Workplace Health and Safety. Students who successfully complete: LABR 3050 Issues in Occupational Health and Safety and Worker’s Compensation; and LABR 3060 Workplace Health and Safety; and LABR 3070 Labour Relations and Occupational Health and Safety Law will qualify for this credential. ~~Current Faculty of Arts students should contact the Faculty of Arts Student Services office for information on how to enter the Micro Diploma in Workplace Health and Safety.~~ Faculty of Arts students may use courses completed in the Micro Diploma toward the completion of their Bachelor of Arts Degree and alternatively, courses that are used for degree completion can also be used to satisfy the Micro Diploma. This program is also open to students in good standing from other University of Manitoba Faculties and Schools whose academic requirements and regulations for their programs allow for entry to this program. Students from other Faculties or Schools interested in the Workplace Safety and Health Micro Diploma should confirm with their home unit how these courses may be used toward their degree program.

Students with potentially sufficient preparation through workplace experience or other relevant preparation for admission to the courses, but lacking the formal prerequisite course, may contact the Labour Studies Coordinator to seek written permission to register in LABR 3050, LABR 3060 and LABR 3070.

Micro Diploma Admission Requirements:

Students with fewer than 24 credit hours of Post-Secondary course work completed seeking admission to the Micro Diploma in Workplace Health and Safety:

- must be proficient in English
(visit <http://umanitoba.ca/student/admissions/international/english/index.html>); AND,
EITHER:
- must have graduated from high school with at least 5 full credits at the Grade 12 level in courses designated S, G, or U and must have achieved a minimum average of 70% over the following, with no less than 60% in each of:
 - English 40S
 - Mathematics 40S
 - Two academic 40S courses;

OR,

- must meet the Mature Applicant Category Criteria that follows:
 - 21 years of age or older by September 30 for classes starting in September, January 31 for classes starting in January, May 1 for classes starting in May, and July 1 for classes starting in July
 - Must not meet the regular academic requirements of the applicable program, must have limited experience at college or university (fewer than 24 credit hours), and must be a Canadian citizen or Permanent Resident.

Students with 24 or more credit hours of Post-Secondary course work completed seeking admission to Micro Diploma in Workplace Health and Safety:

- must have completed a minimum of 24 credit hours of coursework at a recognized college or

university with a minimum cumulative grade point average (CGPA) of 2.0 (C) or better;

OR

- must be admitted on the Dean's recommendation. [Students who have completed the minimum 24 credit hours of coursework, and do not meet the minimum 2.0 CGPA, may be considered on an individual basis for admission on the Recommendation of the Dean. A minimum 2.0 grade point average (GPA) on the best 24 credit hours of coursework that would be acceptable for credit (transferable) in the Bachelor of Arts General degree Program is required to receive consideration for admission on the Dean's recommendation].

Students currently enrolled in a degree program at the University of Manitoba who seek admission to the Micro Diploma in Workplace Health and Safety must be in good academic standing within their current program of study.

All Programs

Courses used towards a Labour Studies Major or Minor (Concentration) may not be used towards a Major/Minor (Concentration) or Honours in the second field.

College of Dentistry

Program modification:

Modifications to the **Diploma in Dental Hygiene** are outlined on the next 2 pages.

Diploma in Dental Hygiene Direct Entry Program Modification

Section D: Academic Calendar Content

Table 1: Online Academic Calendar Changes Needed (~~strike~~ and **bold**)

Year 1		Hours
Direct Entry/Prerequisite Requirement:		
ENGL XXXX	Any 3 credit ENGL course at the 1000 level or higher	3
<u>PSYC 1200</u>	Introduction to Psychology	6
<u>BIOL 1410</u>	Anatomy of the Human Body	3
<u>BIOL 1412</u>	Physiology of the Human Body	3
<u>STAT 1000</u>	Basic Statistical Analysis 1	3
CHEM 1100¹	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics	3
CHEM 1110¹	Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties	3
CHEM 1120¹	Introduction to Chemical Techniques	3
Select 6 3 credit hours of Electives (Sociology is strongly recommended) ²		6-3
CHEM 1300;	Course no longer offered¹	3
CHEM 1310	Course no longer offered¹	0-3
CHEM 1320;;	Course no longer offered¹	0-3
Hours		27-33 30
<hr/>		
Year 2		
First Clinical Year (Year 1 Advanced Entry):		
<u>HYGN 1232</u>	Oral and Dental Anatomy	3
<u>HYGN 1234</u>	Preclinical Dental Hygiene	2
<u>HYGN 1236</u>	Dental Hygiene Theory and Practice 1	4
<u>HYGN 1238</u>	Dental Hygiene Clinical Practice I	3
<u>HYGN 1242</u>	Dental Hygiene Theory and Practice II	4
<u>HYGN 1262</u>	Dental Radiology	3
<u>HYGN 1270</u>	Biology of the Head and Neck	3
<u>HYGN 1280</u>	Microbiology and Infectious Diseases	3
<u>HYGN 1292</u>	Dental Hygiene Preclinical Restorative Techniques	2
<u>HYGN 1320</u>	Dental Materials	2
<u>HYGN 1340</u>	Communications	2
<u>HYGN 1352</u>	Community Health I	3
<u>HYGN 1360</u>	Periodontology I	2
Hours		36

Year 3

Second Clinical Year:

<u>HYGN 2100</u>	Dental Hygiene Portfolio ³	2
<u>HYGN 2280</u>	Pharmacology	2
<u>HYGN 2300</u>	Pathology	3
<u>HYGN 2312</u>	Dental Hygiene Clinical Practice II	4
<u>HYGN 2314</u>	Dental Hygiene Theory and Practice III	4
<u>HYGN 2316</u>	Dental Hygiene Clinical Practice III	4
<u>HYGN 2318</u>	Dental Hygiene Theory and Practice IV	5
<u>HYGN 2340</u>	Periodontology II	2
<u>HYGN 2350</u>	Biology of Oral Tissues	2
<u>HYGN 2362</u>	Community Health II	3
<u>HYGN 2370</u>	Nutrition in Dentistry	2
<u>HYGN 2380</u>	Pain Management	2
	Hours	35
	Total Hours	98-104 101

¹ The former CHEM 1300 and the former CHEM 1310 (or their equivalents) in combination can be used in lieu of the requirements for CHEM 1100 and CHEM 1110 and CHEM 1120. Students who have completed only CHEM 1300 (or an equivalent) must complete CHEM 1110 and CHEM 1120 to fulfill the introductory Chemistry requirements. [Chemistry course options are: (CHEM 1100, CHEM 1110, and CHEM 1120) or (CHEM 1300, CHEM 1110, and CHEM 1120) or (CHEM 1300 and CHEM 1310). To account for extra credit hours for the Chemistry Lab, students who took CHEM 1300 and CHEM 1310 need to take an additional 3 credit hours of electives.]

² Those students admitted with 6 credit hours of acceptable Chemistry courses will be required to complete 6 credit hours of electives. Students admitted with 9 credit hours of acceptable Chemistry courses will be required to complete 3 credit hours of electives.

^{1,3} Registration in HYGN 2100 will also occur within the first clinical year of the Dental Hygiene program. However, no grade will be assigned and it will not be factored into GPA calculations.

² See Advanced Entry Requirements for Course Equivalents.

Faculty of Education

Educational Administration, Foundations and Psychology

Deletion: (*effective Fall 2023*)

EDUA 5612 Field Experience in Inclusive Education 6 cr -6.0

Introductions:

EDUA 3422 An Introduction to Childhood Trauma and Its Impact in the Classroom 3 cr +3.0
This course provides a foundation for introducing teacher candidates to the impact of childhood trauma and the educator's ongoing role as they support students' academic and social-emotional development. May not be held with EDUA 3502 when titled "An Introduction to Childhood Trauma and Its Impact in the Classroom."

EDUA 5614 Working with Vulnerable Children: An Introduction to Trauma Care 3 cr +3.0
The topic of trauma and how it impacts a child's academic and social-emotional state is a critical issue in inclusive classrooms. This course will explore the long-lasting impacts of trauma and introduce an attachment based, trauma informed intervention designed to meet the complex needs of vulnerable children in their classrooms. The course will be beneficial to classroom teachers, learning support teachers, counsellors, and administrators. May not be held with EDUA 5730 when titled "Working with Vulnerable Children: An Introduction to Trauma Care."

NET CHANGE IN CREDIT HOURS: 0.0

Curriculum, Teaching and Learning

Introduction:

EDUB 3408 Reconciliation in K - 12 Education 3 cr +3.0
This course will introduce students to the topic of reconciliation in kindergarten to grade 12 educational settings. Students will be introduced to the historical, social, cultural, political, and ethical contexts for reconciliation in Canada and the role that schools and school divisions can and should serve.

Modifications:

EDUB 3320 Middle Years: Practicum 1 3 cr 0.0
Practical teaching experience for Middle Years in a Manitoba school with the guidance and under the supervision of a faculty advisor and cooperating teacher(s). May not be held with the former EDUB 1970. This is a pass/fail course. Pre- or corequisites: EDUB 3050 and [3 credit hours from: EDUA 3404 (or the former EDUA 3400), EDUB 3406 (or the former EDUB 3402), EDUB 3506 (or the former EDUB 1620), EDUB 3508 (or the former EDUB 1820), EDUA 3420, EDUA 3422, EDUB 3426, EDUB 3510].

EDUB 3322 Middle Years: Practicum 2 3 cr 0.0
Practical teaching experience for Middle Years in a Manitoba school with the guidance and under the supervision of a faculty advisor and cooperating teacher(s). May not be held with the

former EDUB 1970. This is a pass/fail course. Prerequisite: EDUB 3320. Pre- or corequisites: EDUB 3052 and [3 credit hours from: EDUA 3404 (or the former EDUA 3400) or EDUB 3406 (or the former EDUB 3402)] and [3 credit hours from: EDUB 3506 (or the former EDUB 1620), EDUB 3508 (or the former EDUB 1820), EDUA 3420, EDUA 3422, EDUB 3426, EDUB 3510].

EDUB 3330 Senior Years: Practicum 1 3 cr 0.0
Practical teaching experience for Senior Years in a Manitoba school with the guidance and under supervision of a faculty advisor and cooperating teacher(s). May not be held with the former EDUB 1980. This is a pass/fail course. Pre- or corequisites: EDUB 3100 and [3 credit hours from: EDUB 3110, EDUB 3120, EDUB 3130, EDUB 3140] and [3 credit hours from: EDUA 3404 (or the former EDUA 3400), EDUB 3406 (or the former EDUB 3402), EDUB 3506 (or the former EDUB 1620), EDUB 3508 (or the former EDUB 1820), EDUA 3420, EDUA 3422, EDUB 3426, EDUB 3510].

EDUB 3332 Senior Years: Practicum 2 3 cr 0.0
Practical teaching experience for Senior Years in a Manitoba school with the guidance and under the supervision of a faculty advisor and cooperating teacher(s). May not be held with the former EDUB 1980. This is a pass/fail course. Prerequisite: EDUB 3330. Pre- or corequisites: [3 credit hours from: EDUA 3404 (or the former EDUA 3400) or EDUB 3406 (or the former EDUB 3402)] and [3 credit hours from: EDUB 3506 (or the former EDUB 1620), EDUB 3508 (or the former EDUB 1820), EDUA 3420, EDUA 3422, EDUB 3426, EDUB 3510].

NET CHANGE IN CREDIT HOURS: +3.0

Program modification:

Modifications to the **Bachelor of Education** are outlined on the next 6 pages.

Degree Requirements

Early Years Stream

Year 1		
Fall		Hours
EDUB 3012	Early Years Mathematics and Quantitative Reasoning for All Learners	3
EDUB 3010	Classroom Community and Early Years Literacy	3
Indigenous Education ¹		3
EDUA 3000 or EDUA 3002	Canadian School Systems and Their Public Purposes or Contested Spaces in Education	3
EDUB 3310	Early Years: Practicum 1	3
	Hours	15
Winter		
EDUB 3016	Creative Collaboration in the Arts	3
EDUB 3014	Early Years Science and Social Studies: Pedagogy and Curriculum	3
EDUB 3018	Multi-Language Development in Early Years ²	3
EDUA 3000 or EDUA 3002	Canadian School Systems and Their Public Purposes or Contested Spaces in Education	3
EDUB 3312	Early Years: Practicum 2	3
	Hours	15
Year 2		
Fall		
EDUB 4010	Pedagogy for Sustainable Well-being: Science, Mathematics and Social Studies	6
EDUB 4012	Pedagogy in Multiple Literacies: Children as Meaning Makers	6
EDUB 4310	Early Years Practicum 3	3
	Hours	15
Winter		
EDUB 4014	Early Years: Physical Education/ Health Education	3
EDUA/EDUB Elective ³		3
EDUA/EDUB Elective ³		3
EDUA 4000	Inclusive Education	3
EDUB 4312	Early Years Practicum 4	3
	Hours	15
	Total Hours	60

¹ All graduates of the After-Degree B.Ed. program must have 3 credit hours of Indigenous Education coursework chosen from: EDUA 3404 or EDUB 3406.

² Meets the Special Education/Diversity coursework requirement.

³ See: Education Electives

Middle Years Stream

Year 1		
Fall		Hours
EDUB 3050	Middle Years Learners & Learning	3
EDUB 3056	Teaching English Language Arts in Middle Years	3
Select one of the following:		3
Indigenous Education ¹		
Special Education /Diversity ²		
EDUA 3000	Canadian School Systems and Their Public Purposes	3
or EDUA 3002 or Contested Spaces in Education		
EDUB 3320	Middle Years: Practicum 1	3
	Hours	15
Winter		
EDUB 3052	Middle Years: Teaching for Learning - Developing a Responsive Pedagogy	3
EDUB 3054	Introduction to Teaching Mathematics in Middle Years 1	3
Select one of the following:		3
Indigenous Education ¹		
Special Education /Diversity ²		
EDUA 3000	Canadian School Systems and Their Public Purposes	3
or EDUA 3002 or Contested Spaces in Education		
EDUB 3322	Middle Years: Practicum 2	3
	Hours	15
Year 2		
Fall		
EDUB 3060	Teaching Social Studies in Middle Years	3
EDUB 3062	Teaching the Arts in Middle Years	3
EDUB 3064	Teaching Physical Education/Health Education in Middle Years	3
EDUA/EDUB Elective ³		3
EDUB 4320	Middle Years: Practicum 3	3
	Hours	15
Winter		
EDUB 4050	Middle Years: Creating Classroom Learning Environments	3
EDUB 3058	Teaching Science in Middle Years	3

EDUB 4052	Teaching Mathematics in Middle Years 2	3
EDUA 4000	Inclusive Education	3
EDUB 4322	Middle Years: Practicum 4	3
	Hours	15
	Total Hours	60

¹ All graduates of the After-Degree B.Ed. program must have 3 credit hours of Indigenous Education coursework chosen from: EDUA 3404 or EDUB 3406.

² All graduates of the After-Degree B.Ed. program must have 3 credit hours of Special Education/Diversity coursework chosen from: EDUA 3420, **EDUA 3422**, EDUB 3426, EDUB 3506, EDUB 3508 or EDUB 3510.

³ See: Education Electives

Senior Years Stream

Year 1		
Fall		Hours
EDUB 3100	Senior Years: Principles and Processes for Teaching	3
EDUB 3XXX	Curriculum & Instruction ¹	3
	Select one of the following:	3
	Indigenous Education ²	
	Special Education / Diversity ³	
EDUA 3000	Canadian School Systems and Their Public Purposes	3
or	or Contested Spaces in Education	
EDUA 3002		
EDUB 3330	Senior Years: Practicum 1	3
	Hours	15
Winter		
EDUB 3102	Senior Years: Language and Literacy Across the Curriculum	3
EDUB 4XXX	Curriculum & Instruction ^{4,5}	3
	Select one of the following:	3
	Indigenous Education ²	
	Special Education / Diversity ³	
EDUA 3000	Canadian School Systems and Their Public Purposes	3
or	or Contested Spaces in Education	
EDUA 3002		
EDUB 3332	Senior Years: Practicum 2	3
	Hours	15

Year 2

Fall		
EDUB 4XXX	Curriculum & Instruction ^{4,5}	3
EDUA/EDUB	Elective ⁶	3
EDUA/EDUB	Elective ⁶	3
EDUA 4000	Inclusive Education	3
EDUB 4330	Senior Years: Practicum 3	3
	Hours	15
Winter		
EDUB 4102	Themes in Senior Years	3
EDUB 4100	Teacher and Technology	3
EDUA/EDUB	Elective ⁶	3
EDUA/EDUB	Elective ⁶	3
EDUB 4332	Senior Years: Practicum 4	3
	Hours	15
	Total Hours	60

¹ 3 credit hours chosen from EDUB 3110, EDUB 3120, EDUB 3130 or EDUB 3140 dependent on Major subject area.

² All graduates of the After-Degree B.Ed. program must have 3 credit hours of Indigenous Education coursework chosen from: EDUA 3404 or EDUB 3406.

³ All graduates of the After-Degree B.Ed. program must have 3 credit hours of Special Education/Diversity coursework chosen from: EDUA 3420, **EDUA 3422**, EDUB 3426, EDUB 3506, EDUB 3508 or EDUB 3510.

⁴ 3 credit hours chosen from EDUB 4110, EDUB 4112, EDUB 4114, EDUB 4120, EDUB 4122, EDUB 4124, EDUB 4130, EDUB 4132, EDUB 4134, EDUB 4140, EDUB 4142, EDUB 4144, EDUB 4146, EDUB 4148, EDUB 4150, EDUB 4152, EDUB 4154 a required for major and as required for minor. Not all courses are offered every year.

⁵ Registration in EDUB 4XXX is dependent on scheduling. May require 6 credits of EDUB 4XXX for both subject areas to be taken in second term of program.

⁶ See: Education Electives

Education Electives

Not all courses are offered every year.

Students can choose from the lists of electives. Students may seek permission to have other B.Ed. courses considered as an elective in their program by first consulting the Student Services Office (203 Education) and then obtaining approval from the instructor, the department head and an Academic Advisor. Forms are available from the Student Services Office or from the Faculty of Education website. (Note: If permission is being sought to take courses with a prerequisite and/or those intended for Senior Years teachable major or minor subjects, evidence of having appropriate

background in the area as acquired through coursework or related experiences should be provided on the "Registration Permission" form).

PBDE students can request permission to enrol in B.Ed. courses by following the procedure outlined above.

Course List		
Course	Title	Hours
EDUA 3404	Indigenous Education	3
EDUA 3420	Cross-Cultural Education	3
EDUA 3422	An Introduction to Childhood Trauma and Its Impact in the Classroom	3
EDUA 3500	Recent Developments in Educational Administration and Foundations	3
EDUA 3502	Recent Developments in Educational Psychology	3
EDUA 3506	Foundations of Moral and Religious Education	3
EDUA 3508	Measurement and Evaluation	3
EDUA 3510	Communication and Interpersonal Relationships in Education	3
EDUB 1610	CyberPedagogy: Technology Production in Education	3
EDUB 1614	K-8 Curriculum Studies	3
EDUB 2160	Teaching Music in Early/Middle Years	3
EDUB 3406	Indigenous Perspectives and the Curriculum	3
EDUB 3408	Reconciliation in K - 12 Education	3
EDUB 3426	La pédagogie du français de base aux niveaux intermédiaire et de la jeune enfance	3
EDUB 3502	Recent Developments in Curriculum, Teaching and Learning 1	3
EDUB 3504	Academic and Professional English for Multilingual Teachers	3
EDUB 3506	Principles and Procedures of Second Language Education	3
EDUB 3508	Language and Content Instruction of EAL Students	3
EDUB 3510	Language Awareness for Teachers	3
EDUB 3512	Literature for Adolescents	3
EDUB 3514	Literature for Children	3
EDUB 3516	Art Across the Curriculum	3
EDUB 3518	Drama Across the Curriculum	3
EDUB 3520	Historical Development of Physical Science up to the 20th Century	3
EDUB 3522	Recent Developments in Learning and Teaching Senior Years Mathematics	3
EDUB 3524	Practical Work in School Science	3
EDUB 3526	Integration of Technological Literacy Across the K-12 Curriculum	3
EDUB 3528	Media Literacy	3
EDUB 3530	Beyond Schools: Experiencing Teaching and Learning in Community Settings	3

Course List

Course	Title	Hours
EDUB 3532	Basic Experiences in Movement and Dance Education	3
EDUB 3534	Creating Communities of Writers in Diverse Classrooms and Contexts	3
EDUB 4100	Teacher and Technology	3
EDUB 4502	Recent Developments in Curriculum, Teaching and Learning 2	3

Education Electives (Open to Non-Education Students During Open Access Period)

Course List

Course	Title	Hours
EDUA 1560	Adult Learning and Development	3
EDUA 1570	Foundations of Adult Education	3
EDUA 1580	Program Planning in Adult Education	3
EDUA 1590	Facilitating Adult Education	3
EDUB 1600	Teaching General Music	3

Faculty of Engineering

Faculty of Engineering

Modifications: (*effective Fall 2023*)

ENG 1430 Design in Engineering 3 cr 0.0

The creative process; the design process; working in a team. The engineering profession from the perspective of students and professionals. Academic, legal and ethical considerations.

Prerequisites: [A minimum grade of 60% in Pre-Calculus Mathematics 40S (or a minimum grade of "C" in one of MATH 0401, MATH 1018, MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1524, MATH 1690, MSKL 0100, or the former MATH 1520, or the former MATH 1680)] and [a minimum grade of 60% in Physics 40S (or a passing grade in PHYS 0900 or PSKL 0100; or a minimum grade of "C" in PHYS 1018, PHYS 1050, or PHYS 1051)] and [a minimum grade of 60% in Chemistry 40S (or a passing grade in CHEM 0900 or CSKL 0100; or a minimum grade of "C" in CHEM 1018, CHEM 1100, CHEM 1301, or the former CHEM 1300)] or their equivalents.

ENG 1440 Introduction to Statics 3 cr 0.0

(Lab required) Statics of particles; rigid bodies, equilibrium of rigid bodies; analysis of structures; distributed forces. Not to be held with ENG 1441. Prerequisites: [A minimum grade of 60% in Pre-Calculus Mathematics 40S (or a minimum grade of "C" in one of MATH 0401, MATH 1018, MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1524, MATH 1690, MSKL 0100, or the former MATH 1520, or the former MATH 1680)] and [a minimum grade of 60% in Physics 40S (or a passing grade in PHYS 0900 or PSKL 0100; or a minimum grade of "C" in PHYS 1018, PHYS 1050, or PHYS 1051)] and [a minimum grade of 60% in Chemistry 40S (or a passing grade in CHEM 0900 or CSKL 0100; or a minimum grade of "C" in CHEM 1018, CHEM 1100, CHEM 1301, or the former CHEM 1300)] or their equivalents.

ENG 1450 Introduction to Electrical and Computer Engineering 3 cr 0.0

(Lab required) Part I: Current, voltage, energy, potential, power Ohm's law; independent sources; capacitor, inductor, ideal diode, op-amp; Kirchoff's law; simple circuits (Resistive, RC, RL, OP-Amp; Diode); introduction to ac theory (Sinusoidal waveform, phase relations of voltage and current waveforms for R,L,C. RL and RC circuits). Part II: Applications (Digital Logic, motors). Prerequisites: [A minimum grade of 60% in Pre-Calculus Mathematics 40S (or a minimum grade of "C" in one of MATH 0401, MATH 1018, MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1524, MATH 1690, MSKL 0100, or the former MATH 1520, or the former MATH 1680)] and [a minimum grade of 60% in Physics 40S (or a passing grade in PHYS 0900 or PSKL 0100; or a minimum grade of "C" in PHYS 1018, PHYS 1050, or PHYS 1051)] and [a minimum grade of 60% in Chemistry 40S (or a passing grade in CHEM 0900 or CSKL 0100; or a minimum grade of "C" in CHEM 1018, CHEM 1100, CHEM 1301, or the former CHEM 1300)] or their equivalents.

ENG 1460 Introduction to Thermal Sciences 3 cr 0

(Lab required) Properties of pure substances; first law for closed systems; first law for open systems; second law; examples of power cycles and refrigeration cycles. Prerequisites: [A minimum grade of 60% in Pre-Calculus Mathematics 40S (or a minimum grade of "C" in one of MATH 0401, MATH 1018, MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1524, MATH 1690, MSKL 0100, or the former MATH 1520, or the former MATH 1680)] and [a minimum grade of 60% in Physics 40S (or a passing grade in PHYS 0900 or PSKL 0100; or a minimum grade of "C" in PHYS 1018, PHYS 1050, or PHYS 1051)] and [a minimum grade of

60% in Chemistry 40S (or a passing grade in CHEM 0900 or CSKL 0100; or a minimum grade of "C" in CHEM 1018, CHEM 1100, CHEM 1301, or the former CHEM 1300)] or their equivalents.

NET CHANGE IN CREDIT HOURS: 0.0

Biosystems Engineering

A modification to the **Bachelor of Science in Engineering (Biosystems)** is outlined on the next page.

CourseLeaf Reference: <https://catalog.umanitoba.ca/undergraduate-studies/engineering/biosystems-engineering/biosystems-engineering-bsc/>

Biosystems Engineering

Degree Requirements

Program Core Courses

Note: Students are encouraged to consult the department for eight- and ten-term program models. Students are strongly encouraged to follow the model programs when possible, as timetabling and course offerings are based on these program models.

Course	Title	Hours
Students must complete the Preliminary Engineering Program requirements for graduation.		37.5
BIOE 2110	Transport Phenomenon	3
BIOE 2480	Impact of Engineering on the Environment	3
BIOE 2590	Biology for Engineers	3
BIOE 2790	Fluid Mechanics	4
BIOE 2800	Solid Mechanics	4
BIOE 2900	Biosystems Engineering Design 1	4
BIOE 3270	Instrumentation and Measurement for Biosystems	4
BIOE 3320	Engineering Properties of Biological Materials	4
BIOE 3400	Design of Structural Components in Machines	4
BIOE 3590	Mechanics of Materials in Biosystems	4
BIOE 3900	Biosystems Engineering Design 2	4
BIOE 4240	Graduation Project	3
BIOE 4900	Biosystems Engineering Design 3	4
BIOE 4950	Biosystems Engineering Design 4	4
CHEM 1110	Introduction to Chemistry 2: Interaction, Reactivity, and Chemical Properties	3
CHEM 1126	Introduction to Chemical Chemistry Techniques for Engineering 2	1.5
ENG 2022	Engineering CAD Technologies for Biosystems	3
ENG 3000	Engineering Economics	3
MATH 2130	Engineering Mathematical Analysis 1	3
MATH 2132	Engineering Mathematical Analysis 2	3
MBIO 1220 or MBIO 1010	Essentials of Microbiology Microbiology 1	3 3
MECH 2150	Mechanical Engineering Modelling and Numerical Methods	4
MECH 3482	Kinematics and Dynamics	4
STAT 2220	Contemporary Statistics for Engineers	3
Two Science Electives (see list below)		6
One course in Technology and Society (ENG 3020 or ANTH 2430)		3
One course from the List of Indigenous Knowledge Courses		3
One Complementary Studies Electives		3
Three Biosystems Engineering Design Electives (see list below)		12
Two Free Electives		6-8
Total Hours		153–155

1. Please note the combination of BIOL 1020 (Biology 1: Principles and Themes) and BIOL 1030 (Biology 2: Biological Diversity, Function and Interactions) can be used in place of BIOE 2590 (Biology for Engineers).

2. The former CHEM 1310 may be used in place of the combination of CHEM 1110 and CHEM 1126.

3. Students are required to take at least one of the courses from the list of Indigenous Knowledge courses. Students admitted to Biosystems Engineering in Fall 2021 who have completed three complementary studies elective courses (or 9 credit hours) prior to admission to the program, may use one of those courses in place of the Indigenous knowledge course.

Civil Engineering

A modification to the **Bachelor of Science in Engineering (Civil)** is outlined on the next two pages.

CourseLeaf Reference:

<https://catalog.umanitoba.ca/undergraduate-studies/engineering/civil-engineering/civil-engineering-bsc/>

Civil Engineering, B.Sc.

Degree Requirements

Civil Engineering Departmental Program

Course	Title	Hours
Students must complete the Preliminary Engineering Program requirements for graduation.		37.5
CHEM 1110	Introduction to Chemistry 2: Interaction, Reactivity and Chemical Properties ¹	3
CHEM 1126	Introduction to Chemical Chemistry Techniques for Engineering 2 ¹	1.5
CIVL 2770	Civil Engineering Materials	5
CIVL 2780	Civil Engineering Systems	4
CIVL 2790	Fluid Mechanics	4
CIVL 2800	Solid Mechanics 1	4
CIVL 2830	Graphics for Civil Engineers	2
CIVL 2840	Civil Engineering Geomatics	3
CIVL 3590	Numerical Methods for Engineers	4
CIVL 3690	Environmental Engineering Analysis	4
CIVL 3700	Environmental Engineering Design	4
CIVL 3730	Geotechnical Materials and Analysis	4
CIVL 3740	Hydraulics	4
CIVL 3750	Hydrology	4
CIVL 3760	Structural Analysis	4
CIVL 3770	Design of Steel Structures	4
CIVL 3790	Transportation Engineering	4
CIVL 4220	Geotechnical Design	4
CIVL 4380	Infrastructure Engineering and Construction Management	4
CIVL 4390	Reinforced Concrete Structures	4
CIVL 4400	Transportation Engineering 2	4
CIVL 4590	Design Project	6
ENG 2030 or ENG 2040	Engineering Communication: Strategies for the Profession Engineering Communication: Strategies, Practice and Design	3
ENG 3000	Engineering Economics	3
ENG 3020	Technology, Society and the Future	3
GEOL 1340	The Dynamic Earth	3
MATH 2130	Engineering Mathematical Analysis	3
MATH 2132	Engineering Mathematical Analysis 2	3
STAT 2220	Introduction to Probability and Statistics	3
Options		
One of the following options:		3
Civil Engineering:		
Indigenous Knowledge Course ²		
Environmental Option:		

PHIL 2750	Environmental Ethics ³	
Electives		19-20
One of the following options:		
	Civil Engineering Technical Electives ⁴	
	Environmental Option Technical Electives ⁴	
Total Hours		165-166

1. The former CHEM 1310 may be used in lieu of the combination of CHEM 1110 and CHEM 1126.
2. Students are required to take at least one of the courses from the list of Indigenous Knowledge Courses. ENG 4100 may be used to meet this requirement when the course content satisfies the requirements for an Indigenous course. ~~Students admitted to Civil Engineering in Fall 2021 who have completed two complementary studies elective courses (or 6 credit hours) prior to admission to the program, may use one of those courses in place of the Indigenous Knowledge course. A complementary studies course is any course from the Faculty of Arts or the Faculty of Management at the 1000 level or above, with the exception of ARTS 1110 Introduction to the University which may not be used for credit in the Price Faculty of Engineering.~~
3. Students pursuing the Environmental Option must take PHIL 2750 as their complementary studies elective.
4. Technical elective courses offered vary from year to year and may have limited enrollment. Courses offered in the current year are listed on the online timetables on the Department website.

Mechanical Engineering

A modification to the **Bachelor of Science in Engineering (Mechanical)** is outlined on the next 2 pages.

CourseLeaf Reference: <https://catalog.umanitoba.ca/undergraduate-studies/engineering/mechanical-engineering/mechanical-engineering-bsc/>

Mechanical Engineering

Degree Requirements

Mechanical Engineering Departmental Program

Course	Title	Hours
Students must complete the Preliminary Engineering Program requirements for graduation.		37.5
CHEM 1110	Introduction to Chemistry 2: Interaction, Reactivity and Chemical Properties	3
CHEM 1126	Introduction to Chemical Chemistry Techniques for Engineering 2	1.5
ECE 3010	Elements of Electric Machines and Digital Systems	4
ENG 3000	Engineering Economics	3
ENG 3020	Technology, Society and the Future	3
ENG 2030 or ENG 2040	Engineering Communication: Strategies for the Profession Engineering Communication: Strategies, Practice and Design	3
MATH 2130	Engineering Mathematical Analysis	3
MATH 2132	Engineering Mathematical Analysis 2	3
MATH 3132	Engineering Mathematical Analysis 3	3
MECH 2112	Fundamentals of Mechanical and Computer Aided Design	5
MECH 2150	Mechanical Engineering Modelling and Numerical Methods	4
MECH 2202	Thermodynamics	4
MECH 2222	Mechanics of Materials	4
MECH 2262	Fundamentals of Fluid Mechanics	4
MECH 2272	Engineering Materials 1	4
MECH 3170	Project Management	4
MECH 3420	Vibrations and Acoustics	4
MECH 3430	Measurement and Control	4
MECH 3460	Heat Transfer	4
MECH 3482	Kinematics and Dynamics	4
MECH 3492	Fluid Mechanics and Applications	4
MECH 3502	Stress Analysis and Design	4
MECH 3542	Engineering Materials 2	4
MECH 3652	Machine Design	4
MECH 3982	Mechanical Laboratories in Solid Mechanics	2
MECH 3992	Mechanical Laboratories in Thermofluids	2
MECH 4860	Engineering Design	5
PHYS 1070	Physics 2: Waves and Modern Physics	3
STAT 2220	Introduction to Probability and Statistics	3
Five Technical Electives (TE) ^{1,2}		20-22
One course from the list of Indigenous Knowledge Courses ³		3
Total Hours		163-165

Note: The former CHEM 1310 may be used in lieu of the combination of CHEM 1110 and CHEM 1126.

Indigenous Knowledge Courses⁴

Course	Title	Hours
INDG 1200	Indigenous Peoples in Canada	6
INDG 1220	Indigenous Peoples in Canada Part 1	3
INDG 1240	Indigenous Peoples in Canada Part 2	3
INDG 2012 or HIST 2010	Indigenous History in Canada Indigenous History in Canada (C)	3
INDG 2020 or HIST 2020	The Métis in Canada The Métis in Canada (C)	3
POLS 2802	Introduction to Indigenous Politics	3
POLS 3870	Politics of Indigenous-Settler Relations	3

1. A minimum of 20 credit hours of technical electives is required with 18 hours required if completing MECH 4162 (5 courses at 4 credit hours each or 3 courses at 4 credit hours each plus MECH 4162 at 6 credit hours).
2. For courses continuing through both terms, credit is given on completion of course.
3. Students admitted to Mechanical Engineering in Fall 2021 who have completed two complementary studies elective courses prior to admission to the program, may use one of those courses in place of the Indigenous Knowledge Course. A complementary studies course is any course from the Faculty of Arts or the Faculty of Management at the 1000 level or above, with the exception of *ARTS 1110 Introduction to the University* which may not be used for credit in the Faculty of Engineering.
4. Student must select one course from the list of Indigenous Knowledge Courses.

Faculty of Health Sciences

Interdisciplinary Health Program

Program modifications:

Modifications to the **Bachelor of Health Sciences** are outlined on the next page.

Bachelor of Health Sciences Degree Program Chart

The Bachelor of Health Sciences (BHSc) Degree consists of 120 credit hours. There is one concentration available as an option, the Biomedical Sciences concentration. A Concentration is 18 credit hours. Students should consult the Academic Calendar to ensure that they have the appropriate pre-or co-requisites before they attempt to register in a course. A number of courses are cross-listed between departments/faculties. Students are strongly encouraged to seek the advice of an Academic Advisor in the Interdisciplinary Health Program in order to plan their programs.

Year 1 ¹	Year 2 ¹	Year 3 ¹	Year 4 ¹
30 credit hours <ul style="list-style-type: none"> • BIOL 1410 • CHEM 1100² • CHEM 1110² • CHEM 1120² • HEAL 1500³ • HEAL 1502³ • INDG 1220 OR INDG 1240 • PSYC 1200 OR SOC 1000 • STAT 1000 3 credit hours of Free Electives if SOC 1000 is taken	30 credit hours <ul style="list-style-type: none"> • BGEN 2000 • CHEM 2730 • CHEM 2740 • HEAL 2600 • HNSC 1210 • HNSC 2000⁷⁴ OR PSYC 2250 • IMMU 2000 • PHGY 1030 (6) 3 credit hours of Free Electives	30 credit hours <ul style="list-style-type: none"> • BGEN 3010⁴⁵ • FMLY 3750 • FMLY 3780 OR FMLY 3790 • HEAL 3000 • HEAL 3600 • HEAL 3610 • PHAC 3000 • PHIL 2740⁶ 3 credit hours of Free Electives ⁷ 3 credit hours of Program Electives ⁵⁷	30 credit hours <ul style="list-style-type: none"> • ANAT 4010 • HEAL 4600 • HEAL 4620 • HEAL 4630 • PHAC 4030 • PHAC 4040 9 credit hours of Free Electives 6 credit hours of Free Electives 6 credit hours of Program Electives ⁵⁷

¹ Equivalent courses offered through Université de Saint-Boniface may be used in lieu of the specified courses identified in the degree program chart.

² The **former** CHEM 1300 and the **former** CHEM 1310 may be used as course equivalents if completed prior to September 2021.

³ BIOL 1020 and BIOL 1030 may be used as course equivalents if completed prior to September 2021.

⁴ **Students are advised that they must complete 3 credit hours from the Written English list within their first 60 credit hours, if they do not plan to take HNSC 2000**

⁵ **Students interested in applying to the MSc in Genetic Counselling must take BGEN 3022 and BGEN 3024 instead of BGEN 3010.**

⁶ PHIL 2290 (6) may be used in place of PHIL 2740 and will also satisfy the requirement of 3 credit hours of Free Electives.

⁷ Of the 9 credit hours of program electives, 6 credit hours must be selected from the science elective list.

Modifications to the **Bachelor of Health Studies** are outlined on the next page.

Bachelor of Health Studies Degree Program Chart

The Bachelor of Health Studies (B.H.St.) Degree consists of 120 credit hours. There are three concentrations available, (1) Health Policy, Planning, and Evaluation, (2) Health Promotion and Education, and (3) Family Health. A Concentration is 18 credit hours. Students should consult the Academic Calendar to ensure that they have the appropriate pre-or co-requisites before they attempt to register in a course. A number of courses are cross-listed between departments/faculties. Students are strongly encouraged to seek the advice of the Academic Advisor in the Interdisciplinary Health Program in order to plan their programs.

Year 1 ¹	Year 2 ¹	Year 3 ¹	Year 4 ¹
30 credit hours • ANTH 1210 or ANTH 1220 • FMLY 1012 • HEAL 1500 ² • HEAL 1502 ² • PSYC 1200 • SOC 1000 • STAT 1000 3 credit hours of Concentration Electives 3 credit hours of Free Electives	30 credit hours • ECON 1210 <u>OR</u> ECON 1220 • GMGT 1010 <u>OR</u> GMGT 2070 • HEAL 2600 • HNSC 1210 • HNSC 2000 ⁵³ <u>OR</u> PSYC 2250 • INDG 1220 <u>OR</u> INDG 1240 <u>OR</u> INDG 3240 6 credit hours of Concentration Electives 3 credit hours of Program Electives ³⁴ 3 credit hours of Free Electives	30 credit hours • FMLY 3750 • FMLY 3780 • FMLY 3790 • HEAL 3000 • HEAL 3600 • PHIL 2740 ⁴⁵ • SOC 2490 3 credit hours of Concentration Electives 6 credit hours of Program Electives ³⁴	30 credit hours • HEAL 4600 • HEAL 4610 6 credit hours of Concentration Electives 12 credit hours of Program Electives ³⁴ 6 credit hours of Free Electives

Notes:

¹ Equivalent courses offered through Université de Saint-Boniface may be used in lieu of the specified courses identified in the degree program chart.

² BIOL 1020 and BIOL 1030 may be used as course equivalents if courses were completed prior to September 2021.

³ **Students are advised that they must complete 3 credit hours from the Written English list within their first 60 credit hours, if they do not plan to take HNSC 2000**

⁴ **Of the 21 credit hours of program electives, 9 must be at the 3000-4000 level.**

⁵ **PHIL 2290 (6) may be used in place of PHIL 2740 and will also satisfy the requirement of 3 credit hours of Free Electives.**

Faculty of Management

Faculty of Management

Faculty of Management – Actuarial Mathematics

Deletions:

ACT 3530 Actuarial Models 4	3 cr	-3.0
ACT 3630 Models for Life Contingencies	6 cr	-6.0
ACT 4150 Pension Mathematics	3 cr	-3.0
ACT 4250 Managing Insurance Operations in the International Business Environment	3 cr	-3.0
ACT 4340 Actuarial Modelling Methods 3	3 cr	-3.0

Faculty of Management – Interdisciplinary Management

Introductions:

IDM 1010 Communication for Career Management 1.5 cr +1.5

In this course, students will build foundational skills to enable them to design a career plan and identify strategies to achieve their career goals. Topics covered will be fundamentals of career management including, career assessment, identifying strengths and motivators, career goal setting, exploring career options through employment research, résumé and cover letter writing, interview preparation, job search strategies, networking, salary negotiations, and using social media to manage one's career. This course is restricted to Asper students.

IDM 1020 Data Software for Business 1.5 cr +1.5

This course teaches contemporary data software skills that are widely used by businesses for managing and analyzing data. The course will focus more on advanced skills such as mathematical and statistical calculations, financial functions, pivot tables, macros, linking different data files, and creating graphs and charts.

IDM 2010 Indigenous People and Canadian Business 3 cr +3.0

(Lab required) This course will provide business students with the foundational knowledge necessary to develop and maintain positive business relationships with the Indigenous Peoples of Canada. An overview of the emerging and rapidly growing Indigenous economy in Canada will be examined. Students will learn about the past, present, and future aspects of Indigenous peoples and settler society, and how these shape Indigenous business and economic development. The course will encompass treaty-making relationships, assimilation attempts, reconciliation, and a future-oriented state of a reconciled Canada. Economic and social contributions of Indigenous businesses will also be discussed. Prerequisite: one of: GMGT 1010, GMGT 1011, INDG 1200 (the former NATV 1200), or INDG 1220 (the former NATV 1220), and a minimum of 45 credit hours of university level courses.

IDM 2020 Introduction to Business Analytics 3 cr +3.0

This course introduces students to data analytics applications in business contexts. It discusses the importance of evidence-based decision making, the process of data analysis, legal and ethical issues of privacy, and provides an overview of techniques and tools used for business analytics. It includes hands-on exercises of data visualization in business contexts using contemporary software and techniques. May not be held with the former MIS 3010.

Prerequisites: (STAT 1000 or STAT 1001 or STAT 1150) and IDM 1020, or permission from the Asper Undergraduate Program Office.

IDM 3010 Sustainable Business 3 cr

+3.0

This course presents sustainable business theory and best practice from a holistic and integrative perspective. A sustainable approach is presented for each of the key functions of business in a way that highlights how they fit with each other and with the social and ecological environment. The course focuses on how business can sustainably create positive social and ecological impact. Pre- or corequisites: (ACC 1110 (D) or ACC 1111 (D)) and (FIN 2200 (D) or FIN 2201 (D)) and (HRIR 2440 (D) or HRIR 2441(D)) and (MKT 2210 (D) or MKT 2211) and (SCM 2160 (D) or SCM 2161 (D)).

NET CHANGE IN CREDIT HOURS (Faculty of Management): -6.0

Program modifications:

Modifications to the following programs and to program descriptions for the 2022 – 2023 Academic Calendar are outlined on the next 23 pages:

- **Bachelor of Commerce (Honours), Core program**
- **Bachelor of Commerce (Honours) in Actuarial Mathematics**
- **Bachelor of Commerce (Honours) Generalist**
- **Bachelor of Commerce (Honours) in Indigenous Business Studies**
- **Bachelor of Commerce (Honours) in International Business**
- **Bachelor of Commerce (Honours) in Logistics and Supply Chain Management**
- **Minor in Leadership for Businesses and Organizations**

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Degree Requirements Index
Effective for September 2022

Degree Requirements

Course Requirements for Direct Entry, Track 1 and Track 2 Students

The tables below list the Core courses that all Business students must complete. The courses are listed by year in a suggested sequence. Students normally complete the Core courses in the sequence shown.

To determine which additional courses to take each year (i.e., non-Core courses) students should consult the listing of course requirements for each year of their chosen Major.

Year 1

ECON 1010 Introduction to Microeconomic Principles

ECON 1020 Introduction to Macroeconomic Principles ¹

Select one of the following:

MATH 1230 Differential Calculus ¹

MATH 1500 Introduction to Calculus

MATH 1520 Introductory Calculus for Management and Social Sciences

STAT 1000 Basic Statistical Analysis 1 ¹

or STAT 1150 or Introduction to Statistics and Computing

Select 6 credit hours of ANTH, HIST, MATH, PHIL, POLS, PSYC, SOC ^{1,2}

Select 3 credit hours of Written English "W" ^{1,3}

GMGT 1010 Business and Society ⁴

Select 3 credit hours of Electives ^{1,5}

Hours

Years 1-2

GMGT 2060 Management and Organizational Theory ^{4,6}

GMGT 2070 Introduction to Organizational Behaviour ^{4,6}

MKT 2210 Fundamentals of Marketing ^{4,6}

Hours

Year 2

ACC 1100 Introductory Financial Accounting

GMGT 2010 Business Communications

ENTR 2030 Introduction to Entrepreneurship: Business and Social Perspectives

Select 3 credit hours of Electives ⁷

Hours

Years 2-3

ACC 1110 Introductory Managerial Accounting

FIN 2200 Corporate Finance ⁸

HRIR 2440 Human Resource Management ⁸

MIS 2000 Information Systems for Management ⁸

MSCI 2150 Introduction to Management Sciences ⁸

SCM 2160 Supply Chain and Operations Management ⁸

Hours

Year 3

GMGT 3300 Commercial Law

Select 3 credit hours from International Business Requirement ⁹

Select 3 credit hours from Ethics ¹⁰

Hours	
Years 3-4	
Select 12 credit hours of Major courses	
Select 15 credit hours of Business Options ¹¹	
Select 12 credit hours of Electives ⁷	
Hours	
Year 4	
<u>GMGT 4010</u>	Administrative Policy
Select 3 credit hours from Alternative Management Studies ¹²	
Hours	
Total Hours	
Plan of Study Grid	
¹ Foundation Courses: All students regardless of admit type must complete these Foundation courses and achieve a minimum grade of "C" in each. These 24 credit hours are the minimum admission requirements for Track 1 transfer students (See applicant information bulletin for details). <u>MATH 1510</u> may be chosen presented for admission as an alternative Math course.	
² 6 credit hours from: Anthropology, History, Mathematics, Philosophy, Political Studies, Psychology or Sociology. Courses chosen for this requirement must be independent from courses taken to fulfil other degree requirements.	
³ Students are required to complete a three credit hour course to satisfy the Written English "W" requirement, minimum grade of "C". The "W" course for the Foundation course requirement must be from a specific discipline (i.e., <u>ARTS 1110</u> , <u>GMGT 1010</u> and <u>GMGT 2010</u> are not considered to be from a specific discipline and therefore do not fulfil the Track 1/Foundation Written English course requirement). Courses that satisfy the Written English requirement are listed in the chapter, General Academic Regulations and Policy.	
⁴ <u>GMGT 1010</u> , <u>GMGT 2060</u> , <u>GMGT 2070</u> and <u>MKT 2210</u> can be taken in Year 2 if entering with 24 credit hours.	
⁵ <u>PHIL 1290</u> is a preferred elective in Year 1.	
⁶ It is an option to complete either 3 credit hours in Year 1 and 6 credit hours in Year 2 or all 9 credit hours in Year 2.	
⁷ The 15 credit hours of electives (taken over Years 2, 3 and 4) must include 3 credit hours at the 2000 level or higher, 3 credit hours of Written English "W", 6 credit hours at any level, and 3 credit hours of Business Options or electives at the 2000 level or higher.	
⁸ 12 credit hours from the following core course are to be completed in Year 2: <u>ACC 1110</u> , <u>FIN 2200</u> , <u>HRIR 2440</u> , <u>MIS 2000</u> , <u>MSCI 2150</u> , <u>SCM 2160</u> . Choose courses according to prerequisite requirements in your major. The remaining 6 credits are completed in the third year.	
⁹ International Business Requirement: Choose one of the following: <u>ACT 4250</u> , <u>INTB 2200</u> , <u>FIN 3450</u> , <u>HRIR 4520</u> , <u>MKT 3300</u> , <u>MKT 3240</u> (Cross-Cultural Brand Management Topic only) or <u>SCM 3230</u>	
¹⁰ Ethics requirement: Complete one of the following: <u>PHIL 2290</u> , <u>PHIL 2750</u> , <u>PHIL 2790</u> , <u>PHIL 2830</u> , <u>GMGT 3030</u> or <u>GMGT 3581</u> . If a 6 credit hour course is chosen , 3 credit hours will count as electives.	

- ¹¹ 15 credit hours of Business Options which must be at the 2000 Level or higher, except for language courses used as part of the International Business Major. 12 credit hours of Business Options may be used to complete an optional second major.
- ¹² Alternative Management Requirement: Complete one of the following: AGRI 3030 (Cooperatives in Business and Community topic only), ECON 2540, LABR 2300, ~~NATV~~ INDG 3120, ~~NATV~~ INDG 4220, ~~NATV~~ INDG 4320, POLS 3250, POLS 3270, SOC 3838 or any one of the following Asper courses: GMGT 4210, LEAD 3030 or MKT 3246 (or the former MKT 3240 when titled Sustainability Marketing Topic only).
Take careful note of any course prerequisites in your timetable planning. Course prerequisites will be waived for Asper students in the following courses: ~~NATV~~ INDG 3120, ~~NATV~~ INDG 4220, ~~NATV~~ INDG 4320 and POLS 3270.
Students must contact an Asper Program Advisor before registration for the prerequisite waiver. May be taken in Year 3 or Year 4.

Faculty of Management/I.H. Asper School of Business
Program Modification for Actuarial Mathematics Major
Warren Centre for Actuarial Sciences & Research
Effective Fall 2022

Specific Requirements for the Major

The Actuarial Mathematics Major consists of:

Course	Title	Hours
Select 12 credit hours from the following:		12
<u>ACT 2020</u>	Economic and Financial Applications	
<u>ACT 2120</u>	Interest Theory	
<u>ACT 3130</u>	Actuarial Models 1	
<u>ACT 3230</u>	Actuarial Models 2	
<u>ACT 3340</u>	Financial Derivatives for Actuarial Practice	
<u>ACT 3630</u>	Models for Life Contingencies	
<u>ACT 4010</u>	Regression Modeling in Actuarial Science	
<u>ACT 4020</u>	Short Term Actuarial Mathematics I	
<u>ACT 4030</u>	Short Term Actuarial Mathematics II	
Total Hours		12

Notes:

1. ACT 4020 and ACT 4030 collectively satisfy the requirement for the Short-Term Actuarial Mathematics Exam by the Society of Actuaries.
2. Student declaring Actuarial Mathematics as their first major may take MATH 2720 as either a Business Option or non-Business Elective.

Students admitted to the Asper School of Business prior to the current academic year should refer to the Academic Calendar for the year in which they were admitted for the requirements for this major.

To graduate with an Actuarial Mathematics Major, students are required to attain a minimum grade of "C+" in all 12 credit hours of Actuarial courses that will contribute to the Major.

If STAT 2150 is completed, this satisfies the prerequisite for FIN 3410. Alternatively STAT 2000 is a recommended elective as a prerequisite for FIN 3410.

Prior to registration, all students interested in or enrolled in Actuarial Mathematics ~~should~~ **are highly encouraged to** consult the Director of the Warren Centre or an Undergraduate Program Advisor for program planning advice.

Faculty of Management/I.H. Asper School of Business
Program Modification for Generalist Major
Effective Fall 2022

Specific Requirements for the Major

The Generalist Major consists of **12 credit hours that must include** one course from the required list of courses from four different Majors (i.e., Options that are not part of a Major's required course requirements are not eligible for the Generalist Major).

Course	Title	Hours
Select 12 credit hours from the following:		12
Accounting		
<u>ACC 2010</u>	Intermediate Accounting - Assets (C)	3
<u>ACC 2020</u>	Intermediate Accounting - Equities (C)	3
<u>ACC 3040</u>	Cost Accounting (C)	3
<u>ACC 4030</u>	Accounting Theory (C)	3
Actuarial Mathematics		
<u>ACT 2020</u>	Economic and Financial Applications	3
<u>ACT 2120</u>	Interest Theory	3
<u>ACT 3130</u>	Actuarial Models 1	3
<u>ACT 3230</u>	Actuarial Models 2	3
<u>ACT 3340</u>	Financial Derivatives for Actuarial Practice	3
<u>ACT 3630</u>	Models for Life Contingencies	6
<u>ACT 4010</u>	Regression Modeling in Actuarial Science	3
<u>ACT 4020</u>	Short Term Actuarial Mathematics I	3
<u>ACT 4030</u>	Short Term Actuarial Mathematics II	3
Entrepreneurship/Small Business and Innovation		
<u>ENTR 3100</u>	Small Business Management	3
<u>ENTR 4100</u>	New Venture Analysis	3
<u>FIN 3240</u>	Entrepreneurial Finance	3
Finance		
<u>FIN 3410</u>	Investments	3
<u>FIN 3480</u>	Corporate Finance Theory and Practice	3
<u>FIN 4400</u>	Financial Management Practices	3
Human Resource Management/Industrial Relations		
<u>HRIR 3450</u>	Labour and Employment Relations	3
Indigenous Business Studies		
<u>NATV INDG 3120</u>	Exploring Indigenous Economic Perspectives	3
<u>NATV INDG 4320</u>	Indigenous Economic Leadership	3
International Business		
<u>FIN 3450</u>	International Finance	3
<u>INTB 2200</u>	International Management	3
<u>HRIR 4520</u>	Comparative Industrial Relations and Human Resource Management	3
<u>MKT 3300</u>	International Marketing	3

Leadership and Organizations		
<u>GMGT 3010</u>	Management Decision-Making	3
<u>LEAD 3010</u>	Negotiation and Conflict Management	3
<u>LEAD 3020</u>	Team Building and Diversity	3
<u>LEAD 3030</u>	Corporate, Social, and Environmental Responsibility	3
<u>LEAD 3040</u>	Special Topics in Leadership and Organization	3
<u>LEAD 4010</u>	Leading Change	3
<u>LEAD 4020</u>	Leadership, Power and Politics in Organizations	3
Logistics and Supply Chain Management		
<u>SCM 2210</u>	Transportation Principles	3
<u>SCM 2230</u>	Introduction to Supply Chain Management	3
<u>SCM 3360</u>	Supply Chain Logistics	3
Management Information Systems		
<u>MIS 3500</u>	Database Management Systems	3
<u>MIS 3510</u>	Systems Analysis and Design	3
<u>MIS 3520</u>	Data Communications and Networking	3
<u>MIS 4500</u>	Management Information Systems Strategy	3
Marketing		
<u>MKT 3220</u>	Marketing Research	3
<u>MKT 3230</u>	Consumer Behaviour	3
<u>MKT 3390</u>	Integrated Marketing Communications	3
<u>MKT 4210</u>	Strategic Marketing	3
Operational Research/Operations Management		
<u>MSCI 3400</u>	Intermediate Management Science	3
<u>OPM 3650</u>	Management of Quality and Reliability	3
<u>OPM 3660</u>	Operations Management in Service Organizations	3
<u>OPM 3670</u>	POM Project in Industry	3
<u>MSCI 4220</u>	Management Science Models in Business and Industry	3
<u>OPM 4620</u>	Production Management Seminar	3
Total Hours		12

Faculty of Management/I.H. Asper School of Business
Program Modification Indigenous Business Studies Major
Effective for Fall 2022

Specific Requirements for the Major

The Indigenous Business Studies Major consists of:

Course	Title	Hours
NATV INDG 3120	Exploring Indigenous Economic Perspectives	3
NATV INDG 4320	Indigenous Economic Leadership	3
Select 3 credit hours from List A		3
Select 3 credit hours from List A (not already taken) or from List B		3
Total Hours		12

LIST A

Course	Title	
ACC 3040	Cost Accounting	3
ENTR 3100	Small Business Management	3
ENTR 4100	New Venture Analysis	3
FIN 3270	Personal Financial Planning	3
FIN 3470	Small Business Finance	3
HRIR 4410	Staffing and Management Development	3
LEAD 2010	Learning to Lead	

LIST B

Course	Title	
NATV INDG 2100	Indigenous Spirituality	3
NATV INDG 2110	Introduction to Indigenous Community Development	3
NATV INDG 2220	Indigenous Societies and the Political Process	3
NATV INDG 3100	Indigenous Healing Ways	3
NATV INDG 3160	Fundraising for Indigenous Organizations	3
NATV INDG 3310	Canadian Law and Indigenous Peoples	3
NATV INDG 3360	Indigenous Women of Canada	3
NATV INDG 3370	Political Development in the North	3
NATV INDG 4200	First Nations' Government	3
NATV INDG 4220	Environment, Economy and Aboriginal Peoples	3

Effective September 2019, along with all existing course prerequisites, the mandatory core course ENTR 2030 (C) has been added to the following Entrepreneurship courses in this major: ENTR 3100 and ENTR 4100. The prerequisite to ENTR 2030 is GMGT 1010 (D).

Note: Students interest in the Indigenous Business Studies Major are encouraged to discuss course options with an Asper Program Advisor as not all courses are offered every year.

**Faculty of Management/I.H. Asper School of Business
Program Modification for International Business Major
Business Administration Department
Effective Fall 2022**

Specific Requirements for the Major

The International Business Major consists of:

Course	Title	Hours
FIN 3450	International Finance	3
<u>INTB 2200</u>	International Management	3
<u>HRIR 4520</u>	Comparative Industrial Relations and Human Resource Management	3
<u>MKT 3300</u>	International Marketing	3
Total Hours		12

Course List

One of the above four courses may be used in the core program; therefore the major will be comprised of the remaining three courses plus one course from the following list: MKT 3240 (Cross-Cultural Brand Management topic only), ACT 4250 or SCM 3230.

Students majoring in International Business are permitted to take 12 credit hours of a foreign language and/or courses with an international focus from an approved list and have these non-business courses count as Business Options. The list is available in the Undergraduate Program Office.

Faculty of Management/I.H. Asper School of Business
Program Modification for Logistics and Supply Chain Management Major
Supply Chain Management Department
Effective Fall 2022

Specific Requirements for the Major

The Logistics and Supply Chain Management Major consists of:

Course	Title	Hours
<u>SCM 2210</u>	Transportation Principles	3
<u>SCM 2230</u>	Introduction to Supply Chain Management	3
<u>SCM 3360</u>	Supply Chain Logistics	3
Select one Supply Chain Management Elective		3
Total Hours		12

SUPPLY CHAIN MANAGEMENT ELECTIVES

Course	Title	
<u>SCM 2220</u>	Selected Topics in Logistics and Transportation	3
<u>SCM 2240</u>	Purchasing and Supply Management	3
<u>SCM 2250</u>	Transportation Infrastructure Planning and Management	3
<u>SCM 2260</u>	Transportation Strategy and Policy	3
<u>SCM 3230</u>	Global Supply Chains	3
<u>SCM 3250</u>	Airline Business	3
<u>SCM 3260</u>	Supply Chain Sustainability	3
<u>SCM 3270</u>	Lean Management	3
<u>SCM 3280</u>	Project Management in Supply Chain	3
<u>SCM 4250</u>	Beyond Business: Advanced Issues in Supply Chain Management [‡]	3

Course List

[‡] Not to be held with the former SCM 4240.

RECOMMENDED BUSINESS OPTIONS/ELECTIVES IN THIS AREA

Course	Title	
<u>MIS 3500</u>	Database Management Systems	3
<u>MIS 3510</u>	Systems Analysis and Design	3
<u>INTB 2200</u>	International Management	3
<u>HRIR 3450</u>	Labour and Employment Relations	3
<u>GMGT 3160</u>	Managerial Economics	3
<u>MSCI 3400</u>	Intermediate Management Science	3
<u>IDM 4050</u>	Readings in Management	3
<u>IDM 4070</u>	Management Research 1	3
<u>IDM 4080</u>	Management Research 2	3
<u>MKT 3220</u>	Marketing Research	3
<u>MKT 3340</u>	Services Marketing	3
<u>ECON 2010</u>	Microeconomic Theory 1	3

Course	Title	
<u>ECON 3010</u>	Microeconomic Theory 2	3

Minors for Non-Business Students

Leadership for Business and Organizations Minor for Non-Business Students

The Minor in Leadership for Business and Organizations is offered to non-Management students whose faculties permit a Minor. The minor combines subject knowledge with conceptual organizational knowledge and competencies in leading teams, conflict resolution, organizational change, negotiations as well as corporate responsibility and other leadership components that facilitate and support personal, work group and organizational success.

A limited number of seats in this minor will be available each year. Supplementary entrance requirements and enrolment limits may vary with a student's faculty of registration. Students planning to enrol in this minor should consult a student advisor in their home faculty.

The Minor in Leadership for Business and Organizations consists of 18 credit hours from the following:

Course	Title	Hours
GMGT 1010	Business and Society ^{1,2}	3
GMGT 2060	Management and Organizational Theory ^{Error! Reference source not found.,Error! Reference source not found.}	3
GMGT 2070	Introduction to Organizational Theory	3
LEAD 4010	Leading Change	3
Select 6 credit hours from the following:		6
GMGT 3010	Management Decision-Making	
LEAD 3010	Negotiation and Conflict Management	
LEAD 3020	Team Building and Diversity	
LEAD 3030	Corporate, Social and Environmental Responsibility	
LEAD 4020	Leadership, Power and Politics in Organizations	
PSYCH 2540	Social Psychology	
NATV INDG 3350	Aboriginal Organizations	
NATV INDG 4320	Indigenous Economic Leadership	
Total Hours		18

¹ Entrance to the Minor in Leadership for Business and Organizations is comprised of these two courses (6 credit hours of prerequisite courses) completed with a minimum grade of "C" or better. After entry to the minor students complete the remaining requirements.

² Other Faculty specific entrance requirements may be required because of the limited seats available each year; students must consult a student advisor in their home faculty for additional information.

Management Minor for Non-Business Students

The Management Minor consists of any 18 hours of credit in courses offered by the Asper School of Business. Entrance requirements and enrolment limits vary with a student's faculty of registration. Students planning to enrol in this minor should consult a Student/Program Advisor in their home faculty.

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Program Requirements for the Asper School of Business
/Assiniboine Community College Joint Program
Effective for September 2022

**Program Requirements for the Asper School of Business /Assiniboine
Community College Joint Program**

**September 2022 will be the last intake from the articulation agreements
with Manitoba Colleges.**

Prior to admission to the Asper School of Business/Assiniboine Community College Joint Program students must complete the Business Administration Diploma (University Stream) at Assiniboine Community College with a minimum cumulative grade point average of 3.00. Students must have graduated from the Diploma program within the last 5 years to be eligible for admission. Admission is limited and competitive. Following admission to the Asper School of Business, students in the Joint Program will be required to complete 66 credit hours to earn the Bachelor of Commerce (Honours) degree. The 66 credit hours can be divided into the following components: the Core, the Major, Business Options, and Elective courses. These components and their associated limits are defined below.

Note: The Joint Program is currently under review; transfer credit details are subject to change. Please contact the Asper Undergraduate Program Office, Room 268 Drake, for information and details on the admission requirements and transfer credit processing.

Note: Students admitted to the Asper School of Business prior to the current calendar year should refer to the Academic Calendar for the year in which they were admitted for a description of their program requirements.

The Core

The **Core** comprises 39 credit hours of the 66 required in the Joint Program. The Foundation courses (12 credit hours) should be taken in the first year in the Asper School. Students must achieve a minimum “C” grade in each Track 1/Foundation course. The Program Core courses (27 credit hours) may be taken at any point in the program, but the course GMGT 4010 must be taken in the student’s final term. Core courses are listed below in Course Requirements for ACC Joint Program Students.

The Major

Each student must complete the course requirements of one **Major**. Each Major will consist of a 12 credit hour unit of course work. Information on completing a Second Major can be found in the Faculty Academic Regulations under Completing Two Majors. The Majors are listed in the overview and program tab.

Students may begin taking courses for their major as soon as prerequisites are met. Students have an opportunity to transfer from one Major to another, but this opportunity decreases as the student progresses in the program.

Note: Students in the Asper School of Business/Assiniboine Community College Joint Program who want to major in Finance will be required to take FIN 2200 as one of their Business options. Likewise, students who want to major in Marketing must take MKT 2210 as one of their Business Options.

Business Options

This component of the program consists of a required number of Business courses freely selected by the student. These courses are referred to as Business **Options**. Students must take 12 credit hours of Business Options. All Business Options courses must be at the 2000 Level or higher, except for language courses used as part of the International Business Major. Some students may want to take Business Options which will supplement their Major, whereas other students may prefer to broaden their educational base by selecting Business courses in other Majors. Students who want to supplement their Majors may take up to 9 hours of their Business Options from that area. Students may complete a second Major as part of their Business Options requirements. Such students should consult with staff in the Undergraduate Program Office.

Electives

This component of the program is the **Elective** requirement. An Elective is any three or six credit hour course freely chosen by the student from courses taught in the degree programs of other faculties and schools, excluding the Asper School of Business. Students must 3 credit hours of Electives that is a freely chosen course that meets the Written English "W" requirement at any level.

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Program Requirements for the Asper School of Business / École technique et professionnelle joint program
Effective for September 2022

Program Requirements for the Asper School of Business /École technique et professionnelle joint program

September 2022 will be the last intake from under the articulation agreements with Manitoba Colleges.

Prior to admission to the Asper School of Business/École technique et professionnelle Joint Program students must complete the Business Administration Diploma (University Stream) at École technique et professionnelle with a minimum cumulative grade point average of 3.00. Students must have graduated from the Diploma program within the last 5 years to be eligible for admission. Admission is limited and competitive. Following admission to the Asper School of Business, students in the Joint Program will be required to complete 66 credit hours to earn the Bachelor of Commerce (Honours) degree. The 66 credit hours can be divided into the following components: the Core, the Major, Business Options, and Electives. These components and their associated limits are defined below.

Note: The Joint Program is currently under review; transfer credit details are subject to change. Please contact the Asper Undergraduate Program Office, Room 268 Drake, for information and details on the admission requirements and transfer credit processing.

Note: Students admitted to the Asper School of Business prior to the current calendar year should refer to the Archived Academic Calendar for the year in which they were admitted for a description of their program requirements.

The Core

The **Core** comprises 39 credit hours of the 66 required in the Joint Program. The Foundation courses (12 credit hours) should be taken in the first year in the Asper School. Students must achieve a minimum “C” grade in each Foundation course. The Program Core courses (27 credit hours) may be taken at any point in the program, but the course GMGT 4010 must be taken in the student’s final term. Core courses are listed below in Course Requirements for ETP Joint Program Students.

The Major

Each student must complete the course requirements of one **Major**. Each Major will consist of a 12 credit hour unit of course work. Information on completing a Second Major is found in the Faculty Academic Regulations. The Majors are found in the overview and the program tab.

Students may begin taking courses for their major as soon as prerequisites are met. Students have an opportunity to transfer from one Major to another, but this opportunity decreases as the student progresses in the program.

Note: Students in the Asper School of Business/École technique et professionnelle joint program who want to major in Finance will be required to take FIN 2200 as one of their Business Options.

Business Options

This component of the program consists of a required number of Business courses freely selected by the student. These courses are referred to as Business **Options**. Students must take at least nine and not more than 9 hours of Business Options. All Business Options courses must be at the 2000 Level or higher, except for language courses used as part of the International Business Major. Some students may want to take Business Options which will supplement their Major, whereas other students may prefer to broaden their educational base by selecting Business courses in other Majors. Students who want to supplement their Majors may take up to 9 hours of their Business Options from that area. Students may complete a second Major as part of their Business Options requirements. Such students should consult with staff in the Undergraduate Program Office.

Electives

This component of the program is the **Elective** requirement. An Elective is any three or six credit hour course freely chosen by the student from courses taught in the degree programs of other faculties and schools, excluding the Asper School of Business. Students must take at least 3 credit hours of Electives that meet the following criteria; 3 credit hours must be a freely chosen course that meets the Written English “W” requirement at any level.

Business Option or Elective

This component of the program consists of 3 credit hours which may be either a Business Option or Elective but it must be at the 2000 Level or higher.

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Program Requirements for the Asper School of Business / Red River College Polytech Articulation Agreement
Effective for September 2022

Program Requirements for the Asper School of Business/Red River College Polytech Articulation Agreement

September 2021 2022 was will be the last intake under from the articulation agreements with Manitoba Colleges.

~~Under the Asper School of Business / Red River College Articulation Agreement, graduates of the Business Administration Diploma at Red River College may seek admission to the Bachelor of Commerce (Honours) program at the University of Manitoba. Applicants must have graduated from the Business Administration Diploma program at Red River College within the past 5 years. Students must have a minimum of 42 hours of transferable credits to be eligible for admission; a maximum of 54 credit hours from Red River College can be transferred.~~

~~Admission under the Asper School of Business / Red River College Articulation Agreement is limited to an annual quota and is competitive. Applicants satisfying the minimum entry requirements should realize that they are eligible for consideration, but that selection is academically competitive and within the discretion of the Asper School of Business.~~

~~NOTE: The last intake of the current articulation agreement is for the September 2021 intake.~~

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Program Requirements for the Asper School of Business /
University College of the North Joint Program
Effective for September 2022

Program Requirements for the Asper School of Business /University College of the North Joint Program

September 2022 will be the last intake from under the articulation agreements with Manitoba Colleges.

Prior to admission to the Asper School of Business/University College of the North Joint Program students must complete the Business Administration Diploma (University Stream) at University College of the North with a minimum cumulative grade point average of 3.00. Students must have graduated from the Diploma program within the last 5 years to be eligible for admission. Admission is limited and competitive. Following admission to the Asper School of Business, students in the Joint Program will be required to complete 81 credit hours to earn the Bachelor of Commerce (Honours) degree. The 81 credit hours can be divided into the following components: the Core, the Major, Business Options, and Electives. These components and their associated limits are defined below.

Note: The Joint Program is currently under review; transfer credit details are subject to change. Please contact the Asper Undergraduate Program Office, Room 268 Drake, for information and details on the admission requirements and transfer credit processing.

Note: Students admitted to the Asper School of Business prior to the current calendar year should refer to the Academic Calendar for the year in which they were admitted for a description of their program requirements.

The Core

The **Core** comprises 45 credit hours of the 81 required in the Joint Program. The Foundation courses (18 credit hours) should be taken in the first year in the Asper School. Students must achieve a minimum “C” grade in each Foundation course. The Program Core courses (27 credit hours) may be taken at any point in the program, but the course GMGT 4010 must be taken in the student’s final term. Core courses are listed below in Course Requirements for UCN Joint Program Students

The Major

Each student must complete the course requirements of one **Major**. Each Major will consist of a 12 credit hour unit of course work. Information on completing a Second Major are found in the Faculty Academic Regulations under Completing Two Majors. The Majors are listed in the overview and the program tab.

Students may begin taking courses for their major as soon as prerequisites are met. Students have an opportunity to transfer from one Major to another, but this opportunity decreases as the student progresses in the program.

Note: Students in the Asper School of Business/University College of the North Joint Program who want to major in Finance will be required to take FIN 2200 as one of their Business Options. Likewise, students who want to major in Marketing must take MKT 2210 as one of their Business Options.

Business Options

This component of the program consists of a required number of Business courses freely selected by the student. These courses are referred to as Business **Options**. Students must take 15 credit hours of Business Options. All Business Options courses must be at the 2000 Level or higher, except for language courses used as part of the International Business Major. Some students may want to take Business Options which will supplement their Major, whereas other students may prefer to broaden their educational base by selecting Business courses in other Majors. Students who want to supplement their Major may take up to 12 hours of their Business Options from that area. Students may complete a second Major as part of their Business Options requirements. Such students should consult with staff in the Undergraduate Program Office.

Electives

This component of the program is the **Elective** requirement. An Elective is any three or six credit hour course freely chosen by the student from courses taught in the degree programs of other faculties and schools, excluding the Asper School of Business. Students must take 9 credit hours of Electives that meet the following criteria; 3 credit hours must be at the 2000 Level or higher, 3 credit hours must be a freely chosen course that meets the Written English “W” requirement at any level plus a 3 credit hour elective at any level.

Business Option or Elective

This component of the program consists of 3 credit hours which may be either a Business Option or Elective and it must be at the 2000 Level or higher.

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Overview of General Office and Majors Available
Effective for September 2022

General Office

Dean: Dr. Bruno Silvestre as Acting Dean

Associate Dean(s): Dr. Lukas Neville (Acting - Strategic Partnerships and Administration); Dr. Subbu Sivaramakrishnan (Undergraduate and International Programs); Dr. Suzanne Gagnon (Professional Programs and Executive Education); Dr. Zhenyu Wu (Research and Graduate Programs)

Campus Address/General Office: 268 Drake Centre

Telephone: (204) 474 6388

Fax: (204) 474 7529

Email Addresses: asper_info@umanitoba.ca

Canadian Citizen/Permanent Resident Students: B_Comm@UManitoba.ca

International Students: B_Comm_International@UManitoba.ca

Website: UManitoba.ca/Asper

Academic Staff: Please refer to the [Faculty website](#)

Available Majors and Option

The following Majors may be used to complete the Bachelor of Commerce (Honours) program:

- Accounting
- Actuarial Mathematics
- Entrepreneurship/Small Business
- Finance
- Generalist
- Human Resources Management/Industrial Relations
- Indigenous Business Studies
- International Business
- Leadership and Organizations
- Logistics and Supply Chain Management
- Management Information Systems
- Marketing
- Operational Research/Operations Management (not currently offered)

A detailed explanation of the requirements for each major may be found under the Programs tab.

Students wishing to participate in the co-op program will need to enroll in the Asper Co-operative Option of the Bachelor of Commerce (Honours) program. Complete details on the requirements for the Asper Co-operative Program can be found in the Co-operative Option tab.

~~The Asper Co-operative Program is the only option that may be used to complete the Bachelor of Commerce (Honours) program. Complete details on the requirements for the Asper Co-operative Program can be found in the Co-operative Option tab.~~

Accreditation

In 2019, the Asper School of Business received re-accreditation from AACSB International - The Association to Advance Collegiate Schools of Business.

In 2020, the Asper School of Business received accreditation from the SOA – Society of Actuaries.

These prestigious recognitions affirm the faculty's commitment to the continuous improvement of its courses and programs. The mission of the Asper School of Business is to provide management education in Manitoba by creating and disseminating leading edge knowledge and developing skills relevant to current and future managers in organizations operating in a global environment.

Program and Graduation Requirements

The Bachelor of Commerce (Honours) program comprises 120 credit hours of course work. The Asper Co-operative Program also comprises 120 credit hours of course work plus a minimum of three 4-month approved work terms. The degree encompasses the following components which will be detailed in the overview of each Major listed in the Programs tab: Track 1/Foundation courses, Program Core courses (common to all students), Major courses, Business Options and **Non-Business** Elective courses. An Elective is any ~~three or six credit hour~~ course freely chosen by the student from courses taught in the degree programs of other ~~f~~Faculties and ~~s~~Schools, excluding the Asper School of Business (or equivalents).

Each student must declare at least one major and present a minimum Degree Grade Point Average of 2.00 for graduation.

Note: Students admitted to the Asper School of Business prior to the current year should refer to the Undergraduate Calendar of their year of admission for a description of their program requirements.

Course Key

All Core courses are taught by the Asper School of Business except the following core course options (**pertains to the Alternative Management Studies and the Ethics core requirements**):

Course	Title	Hours
Agriculture and Food Sciences		
<u>AGRI 3030</u>	Modern Topics in Agriculture 1 (topic no longer offered)	3
Economics		
<u>ECON 2540</u>	Political Economy 1: Production and Distribution	3
Labour Studies		
<u>LABR 2300</u>	Workers, Employers and the State	3
Native Studies		
<u>NATV INDG 3120</u>	Exploring Indigenous Economic Perspectives	3
<u>NATV INDG 4220</u>	Environment, Economy and Aboriginal Peoples	3
<u>NATV INDG 4320</u>	Indigenous Economic Leadership	3
Political Studies		
<u>POLS 3250</u>	International Political Economy	3
<u>POLS 3270</u>	Theories of the Capitalist World Order	3
Philosophy		
<u>PHIL 2290</u>	Ethics and Society	6
<u>PHIL 2750</u>	Ethics and the Environment	3
<u>PHIL 2790</u>	Moral Philosophy	6
<u>PHIL 2830</u>	Business Ethics	3
Sociology		
<u>SOC 3838</u>	Ecology and Society	3

Faculty of Management/I.H. Asper School of Business
Calendar Entry – Programs Offered Overview
Effective for September 2022

Programs

The Bachelor of Commerce (Honours) degree is a 4-year degree program comprised of 120 credit hours. It will take students who opt for the regular Bachelor of Commerce (Honours) [without the Asper Co-op Program option] 4 years to completion. Students who opt for the Bachelor of Commerce (Honours) Co-op Program will take longer than 4 years to completion as this program option includes three 4-month work terms. **Students in the Co-op Program typically take at least one extra term to graduate.**

* Degree completion time will vary with transfer credit. Transfer credit is assessed independently from the assessment of admission requirements and will vary depending on final assessment. The Asper Co-op Program option may or may not be an option depending on final transfer credit assessment and course completion prior to entry. The Entrance Requirements and Selection Criteria for the Asper Co-op Program will detail these requirements.

Degree/Diploma	Years to Completion	Total Credit Hours	Has Co-op Option
<u>Accounting, B. Comm., Honours</u>	4	120	Yes
<u>Actuarial Mathematics, B.Comm., Honours</u>	4	120	Yes
<u>Entrepreneurship/Small Business, B. Comm., Honours</u>	4	120	Yes
<u>Finance B. Comm., Honours</u>	4	120	Yes
<u>Generalist, B. Comm., Honours</u>	4	120	Yes
<u>Human Resources Management/Industrial Relations, B. Comm., Honours</u>	4	120	Yes
<u>Indigenous Business Studies, B. Comm., Honours</u>	4	120	Yes
<u>International Business, B. Comm., Honours</u>	4	120	Yes
<u>Leadership and Organizations, B. Comm., Honours</u>	4	120	Yes
<u>Logistics and Supply Chain Management, B. Comm., Honours</u>	4	120	Yes
<u>Management / Assiniboine Community College Joint Program, B.Comm Honours</u>	*	66	No
<u>Management / Red River College Polytech Joint Program, B.Comm Honours</u>	*	66	No

Degree/Diploma	Years to Completion	Total Credit Hours	Has Co-op Option
<u>Management / University College of the North Joint Program, B.Comm Honours</u>	*	66	No
<u>Management / École Technique et Professionnelle Joint Program, B.Comm Honours</u>	*	66	No
<u>Management Information Systems, B. Comm., Honours</u>	4	120	Yes
<u>Marketing, B. Comm., Honours</u>	4	120	Yes
<u>Operational Research/Operations Management, B. Comm., Honours</u>	4	120	Yes

Accounting and Finance

Deletions:

FIN 3250 Financial Statement Analysis	3cr	-3.0
FIN 3470 Small Business Finance	3cr	-3.0
MIS 3010 Business Data Analytics	3 cr	-3.0

Introductions:

ACC 3010 Data Analytics in Accounting 3 cr +3.0
Data analytics concepts, techniques, and skills to translate accounting and business problems into actionable proposals. Prerequisites: (ACC 1110 (D) or ACC 1111 (D)) and IDM 2020 or (the former MIS 2000 or MIS 2001).

FIN 2420 Financial Risk Management 3 cr +3.0
The fundamental concepts, principles, and practices related to financial derivatives and risk management. Prerequisites: (A grade of C+ or better in FIN 2200 or FIN 2201) and (one of MATH 1220, MATH 1300, MATH 1301, or MATH 1310) and (one of STAT 1150, STAT 2000, STAT 2001, or STAT 2150).

FIN 3010 Fixed Income Securities 3 cr +3.0
This course introduces students to fixed income securities and markets and prepares students for writing the fixed income parts of the Chartered Financial Analyst exams. Topics covered include debt securities, risks of investing in bonds, the pricing of fixed income securities, the measurement of interest rate risk, the term structure and volatility of interest rates, mortgage-backed and asset-backed securities, the valuation of mortgage-backed and asset-backed securities, credit analysis and interest rate derivatives etc. Prerequisite: FIN 2420 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

FIN 3020 Portfolio Management 3 cr +3.0
This course explores the theory and practice of portfolio management and prepares students for writing the portfolio management parts of the Chartered Financial Analyst exams. Topics covered include asset allocation, currency management, fixed income portfolio management, equity portfolio management, risk management and application of derivatives, execution of portfolio decisions, monitoring and rebalancing, and performance evaluation. Prerequisite: FIN 2420 (C+) or FIN 2200 (C+) or FIN 2201 (C+).

FIN 3030 Professional Financial Ethics 3 cr +3.0
The course prepares students to be ethical in professional conduct in general, with specific focus on finance, and preparing students for the ethical component in Chartered Financial Analyst examinations.

Modifications:

ACC 4040 Advanced Managerial Accounting 3 cr 0.0
A critical examination of managerial accounting techniques and the controllership function. Prerequisite: ACC 3040 (D) or ACC 3041 (D).

FIN 3240 Entrepreneurial Finance 3 cr 0.0
Study of entrepreneurial finance, addressing both investment and financing decisions of new ventures, covering both in theory and in practice. May not be held with FIN 3470. Prerequisite: FIN 2200 (D) or FIN 2201 (D) or FIN 2010 (D).

NET CHANGE IN CREDIT HOURS: +6.0

Business Administration

Modifications:

ENTR 2020 Starting a New Business 3 cr 0.0
This is a course for students who may wish to start a business of their own at some time or assess their potential for such an option. It will cover a broad range of topics to increase your understanding of what it takes to succeed in an entrepreneurial career. May not be held with ENTR 2030. This course is not open to students in the Asper School of Business. This course is not for students who will pursue a major in Entrepreneurship/Small Business.

ENTR 2030 Introduction to Entrepreneurship 3 cr 0.0
Examines entrepreneurship via a social, environmental and economic sustainability perspective. Provides proven methods of entrepreneurial thinking to help students explore the relationship between society's need for economic development and costs to and benefits for the environment or other stakeholders, including rural and Indigenous communities. May not be held with ENTR 2020. Prerequisite: GMGT 1010 (D) or GMGT 1011 (D).

ENTR 4100 New Venture Analysis 3 cr 0.0
A project oriented course focusing on the identification and evaluation of viable new venture concepts and their associated risks, problems, and opportunities. May not be held with ENTR 4511. Students are strongly encouraged to take FIN 3240 prior to ENTR 4100. Prerequisites: ENTR 2020 (D) or ENTR 2030 (D) and a minimum of 42 credit hours of university level courses.

GMGT 3300 Business Law 3 cr 0.0
General history of law, the organization of courts, the Canadian Constitution, federal and provincial legislative functions. Legal concepts and problems relating to business organization, contracts, principal and agent, negotiable instruments, common torts, and bankruptcy proceedings. Recommending course to be taken in 4th year.

NET CHANGE IN CREDIT HOURS: 0.0

Marketing

Introduction:

MKT 4010 Marketing Analytics 3 cr +3.0
The overarching purpose of this course is to convey the ample benefits of an analytical approach to marketing related decision-making, and to build skills/knowledge in undertaking such analyses on your own. Students will gain hands-on, computer-based experience with basic and advanced analytical tools to analyze marketing data for addressing business decisions that

create value and build competitive advantage. Prerequisites: (MKT 2210 (D) or MKT 2211 (D)) and (STAT 1000 (D) or STAT 1001 (D) or STAT 1150 (D)).

NET CHANGE IN CREDIT HOURS: +3.0

Supply Chain Management

Deletions:

SCM 2250 Transportation Infrastructure Planning and Management	3 cr	-3.0
SCM 4250 Beyond Business: Advances Issues in Supply Chain Management	3 cr	-3.0

NET CHANGE IN CREDIT HOURS: -6.0

College of Medicine

Human Anatomy and Cell Science

Introduction:

ANAT 4010 Human Embryology	3 cr	+3.0
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This course will provide an overview of human embryology and development from gamete production and fertilization to birth. Students will study the prenatal timeline and organ system development which includes the nervous, cardiovascular, alimentary, musculoskeletal, urogenital and special senses systems. Students will also be exposed to congenital anomalies specific to each system as well as multisystem anomalies. Prerequisites: Minimum of C+ in BIOL 1410, BIOL 1411, BIOL 2520, BIOL 2521, BGEN 2000, (CHEM/MBIO 2730 and CHEM 2740), or [(CHEM/MBIO 2700 or CHEM/MBIO 2701) and (CHEM 2720 or CHEM 2721)].

NET CHANGE IN CREDIT HOURS: +3.0

Faculty of Music

Deletions:

MUSC 1050 The Well-Tempered Concert-Goer	3 cr	-3.0
MUSC 1404 Introduction to Composition 1	3 cr	-3.0
MUSC 1414 Introduction to Composition 2	3 cr	-3.0

Modifications:

MUSC 1010 Music Matters: Excursions in Western Musical Culture	3 cr	0.0
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This course introduces and explores selected western musical phenomena from aesthetic, social, and historical perspectives. Topics will include art and vernacular musics; style and genre; social function and context; the nature and varieties of musical experience. May not be held with the former MUSC 1050. This course may not be used for credit toward the Bachelor of Music or the Bachelor of Jazz Studies degree.

MUSC 1180 Ensemble 2 cr	0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Upper Voices, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by ensemble committee).	
MUSC 1460 Minor Practical Study 3 cr	0.0
Individual instruction in an area other than that selected for MUSC 1400 or in composition by special permission. Written consent of the Dean is required prior to registration.	
MUSC 2180 Ensemble 2 cr	0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Upper Voices, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by ensemble committee).	
MUSC 2400 Major Practical Study 6 cr	0.0
Individual instruction, normally in the area chosen in MUSC 1400. An important constituent of the grading procedure for this course is performance in and attendance at the recitals/concerts of the Faculty of Music. For Music students only. Prerequisite: MUSC 1400 or the former MUSC 1414.	
MUSC 2480 Minor Practical Study 3 cr	0.0
Individual instruction in an area other than that selected for MUSC 2400. Normally a continuation of MUSC 1460. Written consent of the Dean is required to register.	
MUSC 3180 Ensemble 2 cr	0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Upper Voices, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by ensemble committee).	
MUSC 3480 Minor Practical Study 3 cr	0.0
Individual instruction in an area other than that selected for Major Practical Study. Normally a continuation of MUSC 2480. Written consent from the Dean is required prior to registration.	
MUSC 3550 Recital 1 3 cr	0.0
The recital program must be approved by the applied instructor and the jury members. For Music students in B.Mus. Performance only. Prerequisite: MUSC 1014, MUSC 1120, MUSC 1394, and MUSC 2400, or consent of the Faculty of Music.	
MUSC 3554 Jazz Recital 1 3 cr	0.0
The recital program must be approved by the applied instructor and the jury members. For Music students in B. Jazz Studies only. Prerequisites: MUSC 1014, MUSC 1112, MUSC 1388, and MUSC 2400 or consent of the Faculty of Music. For Music students only.	
MUSC 3780 Woodwind Techniques 3 cr	0.0
Class instruction in woodwind instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction Prerequisite: MUSC 2460 or consent of the Faculty of Music.	

MUSC 4180 Ensemble 2 cr	0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Upper Voices, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by ensemble committee).	
MUSC 4440 Vocal Pedagogy 3 cr	0.0
An exploration of the foundations of the singer's art and craft, including the physical nature of the singing voice, stages of development, and various national, historical and individual pedagogical approaches to the teaching of singing.	
MUSC 4480 Minor Practical Study 3 cr	0.0
Individual instruction in an area other than that selected for Major Practical Study. Normally a continuation of MUSC 3480. Written consent of the Dean is required prior to registration.	
MUSC 4490 Piano Pedagogy 3 cr	0.0
An introduction to teaching of styles and techniques through an examination of piano repertoire.	
MUSC 4560 Recital 2 6 cr	0.0
The recital program must be approved by the applied instructor and the jury members. For Music students in B.Mus. Performance only. Prerequisite: MUSC 2120, MUSC 2394 and MUSC 3550 or consent of the Faculty of Music.	
MUSC 4564 Jazz Recital 2 3 cr	0.0
The recital program must be approved by the applied instructor and the jury members. For Music students in B. Jazz studies only. May not be held with MUSC 4562. Prerequisites: MUSC 2082, MUSC 2122, MUSC 2388, and MUSC 3554 or consent of the Faculty of Music.	
MUSC 4660 Computer Assisted Composition 3 cr	0.0
An introduction to Computer Assisted Composition. The course covers a variety of mathematical models for structuring musical parameters, such as probability, iterative functions, spectral pitch organization, rule-based systems and morphological models. Different environments using the Lisp language are used as a base for experiments. Prerequisite: the former MUSC 1414 or consent of the Faculty of Music.	
MUSC 4752 Elementary and Middle Years Choral Methods 3 cr	0.0
Introduction to methods and pedagogical approaches for students in elementary and middle years choirs. Application of vocal technique, score preparation, and advanced conducting principles to unison, 2-part, and 3-part vocal music for unchanged and changing voices in a variety of styles. Examination of materials and resources for classroom instruction in choral music, including appropriate repertoire and methods assessment. May not be held with MUSC 4750. Prerequisite: MUSC 2460 and (MUSC 3772 or the former MUSC 3770) or consent of the Instructor.	
MUSC 5560 Recital 6 cr	0.0
Preparation and performance of a public, full-length recital at the Post-Baccalaureate level. The recital program must be approved by the applied instructor and the jury committee judging the recital. It should include an appropriate balance of solo and chamber repertoire.	

NET CHANGE IN CREDIT HOURS: -9.0

Program modifications:

Modifications to the following Concentrations in the **Bachelor of Music** are outlined on the next 21 pages.

- **Composition**
- **General**
- **Performance**
- **History**

Music, B.Mus. Composition

Degree Requirements

Year 1		Hours
<u>MUSC 1004</u>	Introduction to Music in History 1	3
<u>MUSC 1014</u>	Introduction to Music in History 2	3
<u>MUSC 1110</u>	Music Theory 1	3
<u>MUSC 1120</u>	Music Theory 2	3
<u>MUSC 1180</u>	Ensemble	2
<u>MUSC 1190</u>	Ensemble	2
<u>MUSC 1384</u>	Musicianship 1	2
<u>MUSC 1394</u>	Musicianship 2	2
<u>MUSC 1404</u>	Introduction to Composition 1	3
<u>MUSC 1414</u>	Introduction to Composition 2	3

<u>MUSC 1400</u>	Major Practical Study	6
<u>MUSC 3230</u>	Acoustics of Music ¹	3
Select one Written English Requirement course ²		3
Hours		32
Year 2		
<u>MUSC 2110</u>	Music Theory 3	3
<u>MUSC 2120</u>	Music Theory 4	3
<u>MUSC 2180</u>	Ensemble	2
<u>MUSC 2190</u>	Ensemble	2
<u>MUSC 2384</u>	Musicianship 3	2
<u>MUSC 2394</u>	Musicianship 4	2
<u>MUSC 2400</u>	Major Practical Study	6

Select one two Core Music History Electives ³	3 6
Select one Core Music History Elective ³	3
Select two Non-Music Electives	6
Hours	32

Year 3

<u>MUSC 2460</u>	Conducting	3
<u>MUSC 3180</u>	Ensemble	2
<u>MUSC 3190</u>	Ensemble	2
<u>MUSC 3470</u>	Major Practical Study	6
<u>MUSC 3650</u>	Electroacoustic Music	3

<u>MUSC 3964</u>	History of Western Art Music After 1900	3
<u>MUSC 3974</u>	Music Theory After 1900	3
Select one Music or Non-Music Elective ⁴		3
Select two Non-Music Electives		6
Hours		31

Year 4

<u>MUSC 3550</u>	Recital 1	3
<u>MUSC 4180</u>	Ensemble	2
<u>MUSC 4190</u>	Ensemble	2

<u>MUSC 4470</u>	Major Practical Study	6
<u>MUSC 4650</u>	Interactive Computer Music	3
<u>MUSC 4660</u>	Computer Assisted Composition	3
Select one Core Music History Elective ³		3
Select one Music Theory Elective ⁴		3
Select two Non-Music Electives		6
Hours		31
Total Hours		126

¹ A 3 credit hour MATH 1XXX or STAT 1XXX may be taken in place of MUSC 3230.

² Any 3 credit hour course that meets the Written English Requirement; consult with an advisor before making a selection.

³ See Core Music History Electives.

⁴ **Composition students are required to take MUSC 3150 as a Music or Music Theory elective.**

Music, B.Mus. General

Degree Requirements

Year 1		Hours
<u>MUSC 1004</u>	Introduction to Music in History 1	3
<u>MUSC 1014</u>	Introduction to Music in History 2	3
<u>MUSC 1110</u>	Music Theory 1	3
<u>MUSC 1120</u>	Music Theory 2	3
<u>MUSC 1180</u>	Ensemble	2
<u>MUSC 1190</u>	Ensemble	2
<u>MUSC 1384</u>	Musicianship 1	2
<u>MUSC 1394</u>	Musicianship 2	2
<u>MUSC 1400</u>	Major Practical Study	6
<u>MUSC 3230</u>	Acoustics of Music ¹	3

Select one Written English Requirement course ²		3
Hours		32
Year 2		
<u>MUSC 2110</u>	Music Theory 3	3
<u>MUSC 2120</u>	Music Theory 4	3
<u>MUSC 2180</u>	Ensemble	2
<u>MUSC 2190</u>	Ensemble	2
<u>MUSC 2384</u>	Musicianship 3	2
<u>MUSC 2394</u>	Musicianship 4	2
<u>MUSC 2400</u>	Major Practical Study	6
Select one two Core Music History Electives ³		3 6
Select one Core Music History Elective ³		3

Select two Non-Music Electives	6
Hours	32
Year 3	
<u>MUSC 3180</u> Ensemble	2
<u>MUSC 3190</u> Ensemble	2
<u>MUSC 3470</u> Major Practical Study	6
<u>MUSC 3974</u> Music Theory After 1900	3
Select one Core Music History Elective ³	3
Select one Music Theory Elective ⁴	3
Select one Music Elective ^{6, 7}	3

Select one Music or Non-Music Elective	3
Select two Non-Music Electives	6
Hours	31

Year 4

<u>MUSC 4180</u>	Ensemble	2
<u>MUSC 4190</u>	Ensemble	2
<u>MUSC 4470</u>	Major Practical Study	6
or <u>MUSC 4160</u>	or Major Practical Study	
Select one Core Music History Elective ^{3 5}		3
Select two Music Electives ^{5 3 , 6, 7}		6-9

Select two Music or Non-Music Electives	6
Select two Non-Music Electives	6
Hours	31-34
Total Hours	126-129

¹ A 3 credit hour MATH 1XXX or STAT 1XXX may be taken in place of MUSC 3230.

² Any 3 credit hour course that meets the Written English Requirement; consult with an advisor before making a selection.

³ 9 credit hours if MUSC 4160 is elected.

⁴ Music Theory Electives: MUSC 2122, MUSC 3150, MUSC 3650, MUSC 4330, Topics: Advanced Counterpoint

⁵ See Core Music History Electives.

⁶ **General students whose Major Practical Study is Voice are required to take MUSC 4440 as one of their Music electives.**

⁷ **General students whose Major Practical Study is either Piano or Organ are required to take MUSC 4490 as one of their Music electives.**

Music, B.Mus. Performance

Degree Requirements

Year 1		Hours
<u>MUSC 1004</u>	Introduction to Music in History 1	3
<u>MUSC 1014</u>	Introduction to Music in History 2	3
<u>MUSC 1110</u>	Music Theory 1	3
<u>MUSC 1120</u>	Music Theory 2	3
<u>MUSC 1180</u>	Ensemble	2
<u>MUSC 1190</u>	Ensemble	2
<u>MUSC 1384</u>	Musicianship 1	2
<u>MUSC 1394</u>	Musicianship 2	2
<u>MUSC 1400</u>	Major Practical Study	6
<u>MUSC 3230</u>	Acoustics of Music ¹	3

Select one Written English Requirement course ²		3
Hours		32
Year 2		
<u>MUSC 2110</u>	Music Theory 3	3
<u>MUSC 2120</u>	Music Theory 4	3
<u>MUSC 2180</u>	Ensemble	2
<u>MUSC 2190</u>	Ensemble	2
<u>MUSC 2384</u>	Musicianship 3	2
<u>MUSC 2394</u>	Musicianship 4	2
<u>MUSC 2400</u>	Major Practical Study	6
Select one two Core Music History Electives ³		3 6
Select one Core Music History Elective ³		3

Select two Non-Music Electives		6
Hours		32
Year 3		
<u>MUSC 3180</u>	Ensemble	2
<u>MUSC 3190</u>	Ensemble	2
<u>MUSC 3470</u>	Major Practical Study	6
<u>MUSC 3550</u>	Recital 1 ⁴	3
<u>MUSC 3974</u>	Music Theory After 1900	3
Select one Core Music History Elective ³		3
Select two Music Electives ^{6, 7, 8}		6

Select two Non-Music Electives	6
Hours	31
Year 4	
<u>MUSC 4180</u> Ensemble	2
<u>MUSC 4190</u> Ensemble	2
<u>MUSC 4470</u> Major Practical Study	6
<u>MUSC 4560</u> Recital 2 ⁵	6
Select one Core Music History Elective ³	3
Select two Music Electives ^{6, 7, 8}	6
Select two Non-Music Electives	6
Hours	31
Total Hours	126

¹ A 3 credit hour MATH 1XXX or STAT 1XXX may be taken in place of MUSC 3230.

² Any 3 credit hour course that meets the Written English Requirement; consult with an advisor before making a selection.

³ See Core Music History Electives.

⁴ A grade of at least “B” in MUSC 3550 is required to continue in the Performance program.

⁵ A grade of at least “B” in MUSC 4560 is required for graduation with the Performance program.

⁶ Performance students whose Major Practical Study is Voice are required to take MUSC 4440 as one of their Music electives.

⁷ Performance students whose Major Practical Study is either Piano or Organ are required to take MUSC 4490 as one of their Music electives.

⁸ Performance students whose Major Practical Study is Piano are required to take MUSC 4380 as one of their Music electives.

Music, B. Mus. History

Degree Requirements

Year 1		Hours
<u>MUSC 1004</u>	Introduction to Music in History 1	3
<u>MUSC 1014</u>	Introduction to Music in History 2	3
<u>MUSC 1110</u>	Music Theory 1	3
<u>MUSC 1120</u>	Music Theory 2	3
<u>MUSC 1180</u>	Ensemble	2
<u>MUSC 1190</u>	Ensemble	2
<u>MUSC 1384</u>	Musicianship 1	2
<u>MUSC 1394</u>	Musicianship 2	2
<u>MUSC 1400</u>	Major Practical Study	6
<u>MUSC 3230</u>	Acoustics of Music ¹	3
Select one Written English Requirement course ²		3
Hours		32
Year 2		
<u>MUSC 2110</u>	Music Theory 3	3
<u>MUSC 2120</u>	Music Theory 4	3

<u>MUSC 2180</u>	Ensemble	2
<u>MUSC 2190</u>	Ensemble	2
<u>MUSC 2384</u>	Musicianship 3	2
<u>MUSC 2394</u>	Musicianship 4	2
<u>MUSC 2400</u>	Major Practical Study	6
Select one two Core Music History Electives ³		3 6
Select one Core Music History Elective ³		3
Select two Non-Music Electives		6
Hours		32
Year 3		
<u>MUSC 3050</u>	Research Methods	3
<u>MUSC 3180</u>	Ensemble	2
<u>MUSC 3190</u>	Ensemble	2
<u>MUSC 3470</u>	Major Practical Study	6
<u>MUSC 3974</u>	Music Theory After 1900	3
Select one Core Music History Elective ³		3
Select one Music History Elective		3

Select one Music Theory Elective ⁴	3
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Select two Non-Music Electives	6
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Hours	31
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Year 4

<u>MUSC 4110</u>	Special Area Paper	3
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<u>MUSC 4180</u>	Ensemble	2
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<u>MUSC 4190</u>	Ensemble	2
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<u>MUSC 4470</u> or <u>MUSC 4160</u>	Major Practical Study or Major Practical Study	6
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Select one Core Music History Elective ³	3
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Select one Music History Elective	3
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Select two Music Electives ⁵	6-9
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Select two Non-Music Electives	6
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Hours	31-34
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Total Hours	126-129
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Plan of Study Grid

¹ A 3 credit hour MATH 1XXX or STAT 1XXX may be taken in place of MUSC 3230.

² Any 3 credit hour course that meets the Written English Requirement; consult with an advisor before making a selection.

³ See Core Music History Electives.

⁴ Music Theory Electives: MUSC 2122, MUSC 3150, MUSC 3650, MUSC 4330, Topics: Advanced Counterpoint

⁵ 9 credit hours if MUSC 4160 is elected.

⁷ History students are required to take HIST 3050 as one of their Music electives.

Electives: Third & Fourth Years, ~~All Concentrations~~

Course	Title	Hours
<u>MUSC 2072</u>	Jazz History 1	3
<u>MUSC 2082</u>	Jazz History 2	3
<u>MUSC 2100</u>	Introduction to Music Teaching and Learning	3
<u>MUSC 2110</u>	Music Theory 3	3
<u>MUSC 2120</u>	Music Theory 4	3
<u>MUSC 2122</u>	Jazz Theory 2	3
<u>MUSC 2460</u>	Conducting	3
<u>MUSC 3050</u>	Research Methods (History Concentration Requirement)	3
<u>MUSC 3064</u>	Baroque Music History	3
<u>MUSC 3074</u>	Classical Music History	3
<u>MUSC 3084</u>	Romantic Music History	3
<u>MUSC 3090</u>	Introduction to Ethnomusicology	3
<u>MUSC 3100</u>	Opera Repertoire	3
<u>MUSC 3012</u>	Advanced Diction 2	3
<u>MUSC 3104</u>	History of Opera 1: from Monteverdi to Mozart	3
<u>MUSC 3114</u>	History of Opera II: from Mozart to the Modern Era	3
<u>MUSC 3150</u>	Orchestration (Composition Concentration requirement)	3
<u>MUSC 3200</u>	Orff Schulwerk 1 (Summer Term)	6
<u>MUSC 3210</u>	Course no longer offered	
<u>MUSC 3220</u>	Kodály Music Education 1 (Summer Term)	6
<u>MUSC 3222</u>	Kodály Music Education 2 (Summer Term)	6
<u>MUSC 3230</u>	Acoustics of Music (fulfills University "M" requirement)	3
<u>MUSC 3270</u>	Performance Skills	3
<u>MUSC 3360</u>	Topics in Music Education	3
<u>MUSC 3380</u>	From Rock to Rap and Beyond: A History of Popular Music in the Later 20th Century	3
<u>MUSC 3390</u>	From Ragtime to Rock 'n' Roll: A History of Popular Music in the 20th Century	3
<u>MUSC 3404</u>	From New Wave to Rave: A History of Popular Music in the Late 20th Century	3
<u>MUSC 3480</u>	Minor Practical Study	3
<u>MUSC 3620</u>	Independent Study 1	3
<u>MUSC 3650</u>	Electroacoustic Music	3
<u>MUSC 3690</u>	Percussion Techniques	3
<u>MUSC 3730</u>	Early Music Development	3
<u>MUSC 3772</u>	Vocal Pedagogy for Choirs	3
<u>MUSC 3780</u>	Woodwind Techniques	3
<u>MUSC 3790</u>	Brass Techniques	3

Course	Title	Hours
<u>MUSC 3800</u>	String Techniques	3
<u>MUSC 3820</u>	Topics in Music	3
<u>MUSC 3830</u>	Topics in Music	3
<u>MUSC 3840</u>	Course no longer offered	
<u>MUSC 3850</u>	Course no longer offered	
<u>MUSC 3884</u>	Introduction to Jazz for Music Educators	3
<u>MUSC 3894</u>	Guitar Techniques	3
<u>MUSC 3964</u>	History of Western Art Music After 1900	3
<u>MUSC 3974</u>	Music Theory After 1900	3
<u>MUSC 4010</u>	French Diction and Repertoire	3
<u>MUSC 4020</u>	Italian Diction and Repertoire	3
<u>MUSC 4030</u>	German Diction and Repertoire	3
<u>MUSC 4130</u>	History of Women in Music	3
<u>MUSC 4140</u>	History of Canadian Music	3
<u>MUSC 4156</u>	Choral Music Literature and Programming	3
<u>MUSC 4212</u>	Orff Schulwerk 3 (Summer Term)	6
<u>MUSC 4224</u>	Kodály Music Education 3 (Summer Term)	6
<u>MUSC 4330</u>	Advanced Analysis	3
<u>MUSC 4360</u>	Wind Repertoire	3
<u>MUSC 4370</u>	Wind Conducting Techniques	3
<u>MUSC 4380</u>	Piano Repertoire (Required for Piano Performance Majors)	3
<u>MUSC 4390</u>	Piano Chamber Music Literature Seminar	3
<u>MUSC 4430</u>	Pedagogy and Repertoire	3
<u>MUSC 4440</u>	Vocal Pedagogy (Required for Voice Majors in Performance and General Concentrations)	3
<u>MUSC 4480</u>	Minor Practical Study	3
<u>MUSC 4490</u>	Piano Pedagogy (Required for Piano and Organ Majors in Performance and General Concentrations)	3
<u>MUSC 4520</u>	Coaching Skills	3
<u>MUSC 4530</u>	Operatic Piano	3
<u>MUSC 4630</u>	20th to 21st Century Piano Repertoire	3
<u>MUSC 4650</u>	Interactive Computer Music	3
<u>MUSC 4660</u>	Computer Assisted Composition	3
<u>MUSC 4752</u>	Elementary and Middle Years Choral Methods	3
<u>MUSC 4762</u>	Senior Years and Community Choral Methods	3
<u>MUSC 4772</u>	Instrumental Music Methods 1	3
<u>MUSC 4782</u>	Instrumental Music Methods 2	3
<u>MUSC 4896</u>	Cultural Perspectives for Music Educators	3

College of Nursing

Program modifications:

Modifications to the **Bachelor of Midwifery** are outlined on the next page.

MIDWIFERY, B.MID.

Degree Requirements

The program must be done full time.

The courses from any given term must be completed before proceeding to the next term.

Course	Title	Hours
Year 1		
BIOL 1410	Anatomy of the Human Body ^{1,2}	3
BIOL 1412 or BIOL 2410 and BIOL 2420	Physiology of the Human Body ^{1,2,3} or Human Physiology 1 and Human Physiology 2	3
MBIO 1220 or MBIO 3010	Essentials of Microbiology ¹ or Mechanisms of Microbial Disease	3
STAT 1000 or STAT 1150	Basic Statistical Analysis 1 ^{1,4} or Introduction to Statistics and Computing	3
CHEM 1100	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics ^{1,5}	3
CHEM 1110	Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties ¹	3
INDG NATV 1200 INDG or NATV 1220 and INDG NATV 1240	Indigenous Peoples in Canada ¹ or Indigenous Peoples in Canada, Part 1 and Indigenous Peoples in Canada, Part 2	6
Select 3 credit hours in Social Sciences or Humanities ¹		3
Select 3 credit hours of Science ^{elective 1,4}		3
Written English and Math requirements ^{1,6}		
Hours		30
Year 2		
MDFY 2010	Preparation for Professional Midwifery Education and Practice	3
NURS 2522	Client & Context 2: Human Diversity	3
NURS 3550	Professional Foundations 3: Evidence Informed Practice in the Health Sciences	4
MDFY 2440	Human Reproductive Physiology	3
MDFY 2020	Bioscience for Midwives	3
MDFY 2030	Pharmacology for Midwives	3
MDFY 2040	Normal Childbearing Skills	6
MDFY 2090	Normal Childbearing Clinical Practice and Tutorial	12
Hours		37
Year 3		
MDFY 3010	Advanced Clinical Skills I	3
MDFY 3020	Midwifery Clinical Practice and Interprofessional Roles	3
MDFY 3090	Complex Care I Clinical Practice and Tutorial	12
MDFY 3030	Interprofessional Practice I	6
MDFY 3032	Interprofessional Practice II	6
MDFY 3050	Newborn Feeding: Methods and Contemporary Issues	3
MDFY 3060	Professional Issues in Midwifery	3

MDFY 3090	Complex Care I Clinical Practice and Tutorial	12
MDFY 3020	Midwifery Clinical Practice and Interprofessional Roles	3
MDFY 3030	Interprofessional Practice I	6
MDFY 3032	Interprofessional Practice II	6
Hours		36
Year 4		
MDFY 4010	Advanced Clinical Skills II Complex Care II Clinical Practice and Tutorial	3
MDFY 4090	Clerkship and Tutorial	12
MDFY 4100		12
Hours		27
Total Hours		130

- All courses can be completed in University 1, or an equivalent program, if students do not wish to extend their program of study.
- Equivalent courses offered through the Université de Saint-Boniface may be used to satisfy program requirements.**
If students complete BIOL 2410 and BIOL 2420, the additional 3 credit hours could be used toward the requirement for 3 credit hours of Science Electives.
- Science Prerequisites. Students must meet the current Science prerequisites before registration for Science courses. See the Academic Calendar for the current course prerequisites. It is recommended the above prerequisites have been completed within the last five years.
- Prerequisites for CHEM 1100: [one of Chemistry 40S (50%), CSKL 0100 (P), or the former CHEM 0900 (P)] and [one of Applied Mathematics 40S (50%), Pre-calculus Mathematics 40S (50%), the former Mathematics 40S (300) (50%), or a grade of "C" or better in MSKL 0100].
- Students must meet the University of Manitoba Written English and Mathematics Requirements (<https://catalog.umanitoba.ca/undergraduate-studies/general-academic-regulations/#Residence-Written-English>) with a University level course completed within the last 10 years, must be at the 1000 level (or higher) and with a minimum grade of C in each. It is strongly recommended that these courses be completed within the elective credits indicated above.

Program modifications:

Modifications to the **Bachelor of Nursing** are outlined on the next 5 pages.

Nursing, B.N.

Degree Requirements

Non-nursing courses must be completed within 10 years; and nursing courses must be completed within 5 years of admission to the program in order to be eligible for admission and advanced standing (transfer credit).

This program can be done by full-time and part-time study.

All courses from any given year are to be completed before proceeding to the next year.

Year 1	Hours
University 1 (pre-nursing)	
<u>BIOL 1410</u> Anatomy of the Human Body	3
<u>BIOL 1412</u> Physiology of the Human Body	3
OR	
<u>BIOL 2410</u> Human Physiology 1 and <u>BIOL 2420</u> Human Physiology 2 ¹	
<u>MBIO 1220</u> Essentials of Microbiology	3
OR	
<u>MBIO 3010</u> Mechanisms of Microbial Disease	
Select 9 credit hours in Science Electives ²	9
Select 12 credit hours in Electives ^{1,2,3}	12
Hours	30

Year 2

TERM 1

<u>NURS 2500</u> Health and Illness 1: Pathophysiology/ Pharmacology/Assessment	6
<u>NURS 2510</u> Client and Context 1: Human Growth & Development	2
<u>NURS 2518</u> Health & Illness 2: The Older Client	3
<u>NURS 2530</u> Nursing Skills 1	1

<u>NURS 2520</u>	Professional Foundations 1: Development of Professional Identity	2
<u>NURS 2540</u>	Nursing Practice 1	2
Hours		16
TERM 2		
<u>NURS 2514</u>	Health and Illness 3: Pathophysiology/Pharmacology/Assessment	6
<u>NURS 2522</u>	Client & Context 2: Human Diversity	3
<u>NURS 2532</u>	Nursing Skills 2	1
<u>NURS 2542</u>	Nursing Practice 2	3
<u>HNSC 2170</u>	Nutrition for Health Professionals	2
Hours		15
Year 3		
TERM 1		
<u>NURS 3510</u>	Client and Context 3: Supportive and Palliative Care	3
<u>NURS 3512</u>	Health and Illness 4: Acute and Chronic Illness	5
<u>NURS 3520</u>	Professional Foundations 2: Health Education	2
<u>NURS 3530</u>	Nursing Skills 3	1
<u>NURS 3540</u>	Nursing Practice 3	4
Hours		15
TERM 2		
<u>NURS 3514</u>	Health and Illness 5: Mental Health and Illness	3
<u>NURS 3532</u>	Nursing Skills 4	1
<u>NURS 3542</u>	Nursing Practice 4	4
<u>NURS 3550</u>	Professional Foundations 3: Evidence Informed Practice in the Health Sciences	4
<u>NURS 3560</u>	Professional Foundations 4: Law and Ethics in Nursing Practice	3

Hours		15
Year 4		
TERM 1		
<u>NURS 4500</u>	Health and Illness 6: Gender and Reproductive Health	3
<u>NURS 4510</u>	Client and Context 4: Family Health	3
<u>NURS 4520</u>	Professional Foundations 5: Interprofessional and Collaborative Practice	3
<u>NURS 4530</u>	Nursing Practice 5	4
Hours		13
TERM 2		
<u>NURS 4540</u>	Health and Illness 7: Community and Population Health	5
<u>NURS 4550</u>	Professional Foundations 6: Leadership and Change Management	4
<u>NURS 4560</u>	Professional Foundations 7: Preparation for Nursing Practice 7 ⁴	1
<u>NURS 4570</u>	Nursing Practice 6	4
Hours		14
TERM 3		
<u>NURS 4580</u>	Nursing Practice 7 ⁵	9
Hours		9
Total Hours		127

Notes:

¹ For students admitted with BIOL 2410 and BIOL 2420, the additional 3 credit hours can be used toward the requirement for 9 credit hours of Science Electives for the requirement for 12 credit hours of Electives.

² Students must meet the University of Manitoba Written English and Mathematics requirements with a university-level course completed within the last 10 years, at the 1000 level (or higher), and with a minimum grade of C in each. It is strongly recommended that these courses be completed within the elective credits indicated above.

⁴⁻⁵ Any combination of the following courses/subjects for a total of 12 credit hours:

- Social Sciences or Humanities (6-12 cr)
- NURS 1280
- NURS 2610 or KIN 2610
- FMLY 2650 (or the former HMEC 2650)/REC 2650/SWRK 2650
- NURS 1500

Notes:

4 NURS 4560

Preparation for Nursing Practice 7 must be completed in the term just prior to taking NURS 4580. Therefore, students who fail or withdraw from any of the following courses: NURS 4540; NURS 4550; or NURS 4580 must also repeat NURS 4560, even if it was successfully completed, in order that they are taking the course in the term just before NURS 4580.

5 NURS 4580

All other courses in the curriculum must be successfully completed and the grade posted prior to starting NURS 4580.

Any costs incurred in completing this course are the responsibility of the student. A student's chosen area for completion of practicum experience must be approved by the College of Nursing. The location of the practicum must meet the approval of the University of Manitoba. The location of the practicum is subject to change in the event approval is not received. There may be organizations which require contractual arrangements with the student and/or University of Manitoba prior to permitting the student to enter into the practicum experience. There is no guarantee the University of Manitoba will enter into such contractual arrangements to permit the student to carry out practice at a particular agency or site. In such cases, the student should be prepared to choose an alternate agency or site.

• NURS 4560

~~Preparation for Nursing Practice 7 must be completed in the term just prior to taking NURS 4580. Therefore, students who fail or withdraw from any of the following courses: NURS 4540; NURS 4550; or NURS 4580 must also repeat NURS 4560, even if it was successfully completed, in order that they are taking the course in the term just before NURS 4580.~~

~~In the instance where a student is required to repeat NURS 4560, the requirement that the Professional Foundations 7 be completed as a co-requisite of NURS 4570 will be waived.~~

- Reminder: It is the responsibility of the student to ensure that degree requirements are met. It is the responsibility of students to ensure all program requirements have been met before working as a graduate nurse and/or writing the NCLEX to become a Registered Nurse. In order to be eligible to work as a graduate nurse and/or write the NCLEX, students must meet all program requirements and requirements of the College of Registered Nurses of Manitoba.

Faculty of Science

Modifications:

DATA 2010 Tools and Techniques for Data Science 3 cr 0.0
(Lab required) An introduction to the field of data science with an emphasis on the fundamental tools and techniques that underlie the field of data science. Prerequisites: [one of MATH 1240, MATH 1241, or COMP 2130] and [one of MATH 1220, MATH 1210 (B), MATH 1211 (B), MATH 1300, or MATH 1301] and [one of MATH 1232, MATH 1700, MATH 1701, or MATH 1710]. Pre- or corequisites: COMP 2140 and STAT 2150.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the programs listed below are outlined on the next 4 pages.

- **Bachelor of Science (Major) in Data Science**
- **Bachelor of Science (Major) in Data Science, including Co-operative Option**

Data Science Major Entrance, Continuation, and Graduation Requirements

To enter the Major Degree program in Data Science, a student must have completed at least 24 credit hours with a minimum DGPA of 2.00, and also obtained a minimum grade of “C+” in each of COMP 1020, MATH 1232 (or MATH 1700 or MATH 1710), and [(STAT 1150 **or** STAT 2220)] (or a minimum grade of “B” in STAT 2000).

To continue in the Data Science Major Degree program, students must maintain a minimum DGPA of 2.00.

To graduate with the Bachelor of Science (Major) in Data Science, a student must obtain passing grades on all courses, obtain a minimum DGPA of 2.00, and a minimum grade of "C" in all required and optional courses that contribute to the Major.

Major Co-operative Option

A co-operative education option is available. Students should refer to the Co-operative Education for further information on the Co-op programs.

The course and minimum grade requirements for entry and continuation in the Co-operative Option are the same as those required for the regular Major program. However, the entry and continuation DGPA requirement is set at a minimum of 2.5.

Before beginning their first co-op work term, students are required to complete the first and second year requirements of the program.

Degree Requirements

Four Year Major (Including Co-operative Option if Selected)

Plan of Study Grid		
Year 1		Hours
COMP 1012	Computer Programming for Scientists and Engineers ¹	3
COMP 1020	Introductory Computer Science 2 (C+)	3
MATH 1220	Linear Algebra 1 ¹	3
MATH 1230	Differential Calculus ¹	3
MATH 1232	Integral Calculus (C+) ¹	3
MATH 1240	Elementary Discrete Mathematics ¹	3
STAT 1150	Introduction to Statistics and Computing (C+) ¹	3
6 credit hours from the Faculty of Arts, which should include the required "W" course		6
3 credit hours of electives		3
	Hours	30
Year 2		
COMP 2140	Data Structures and Algorithms	3
DATA 2010	Tools and Techniques for Data Science	3
MATH 2720	Multivariable Calculus ¹	3
MATH 2740	Mathematics of Data Science	3
STAT 2150	Statistics and Computing	3
STAT 2400	Introduction to Probability 1	3
12 credit hours of electives		12
	Hours	30
Years 3-4		
COMP 3380	Databases Concepts and Usage	3
COMP 4360	Machine Learning	3
DATA 3010	Data Science with Real World Data Sets	3
DATA 4010	Data Science Capstone Project ²	6
MATH 3490	Optimization	3
STAT 3100	Introduction to Statistical Inference	3
STAT 3150	Statistical Computing	3
STAT 3450	Linear Models	3
3 credit hours from:		3

COMP 2080	Analysis of Algorithms	
COMP 2150	Object Orientation	
COMP 4510	Introduction to Parallel Computation	
COMP 4710	Introduction to Data Mining	
3 credit hours from:		3
MATH 2070	Graph Theory 1	
MATH 2080	Introduction to Analysis	
MATH 2090	Linear Algebra 2	
MATH 2180	Real Analysis 1	
MATH 4370	Linear Algebra and Matrix Analysis	
3 credit hours from:		3
STAT 2300	Principles of Data Collection	
STAT 2800	Introduction to Probability 2	
STAT 3030	Introduction to Stochastic Processes	
STAT 3550	Nonlinear Regression Models	
STAT 3690	Multivariate Analysis	
STAT 4100	Statistical Inference	
STAT 4150	Bayesian Analysis and Computing	
STAT 4250	Statistical Learning	
3 additional credit hours from the Faculty of Science ³		3
21 credit hours of electives ³		21
The above 33 credit hours must include at least 12 credit hours of Faculty of Science courses taken at the 3000 or 4000 level.		
Co-op Requirements (if selected):		
SCI 3980	Co-operative Education Work Term 1	0
SCI 3990	Co-operative Education Work Term 2	0
SCI 4980	Co-operative Education Work Term 3	0
SCI 4990	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
	Hours	60
	Total Hours	120

¹ The following substitutions are allowed:

- COMP 1010 in place of COMP 1012;
- STAT 1000 and STAT 2000 (B), **or STAT 2220** in place of STAT 1150;
- **MATH 1210 (B) or** MATH 1300 in place of MATH 1220;
- MATH 1500 or MATH 1510 in place of MATH 1230;

- MATH 1700 (C+) or MATH 1710 (C+) in place of MATH 1232;
- **COMP 2130 in place of MATH 1240;**
- MATH 2150 in place of MATH 2720.

² Should be taken in graduating year.

³ Courses may be chosen from COMP, MATH, or STAT courses included in the course lists in the program chart provided the courses have not been used toward another program requirement.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Biological Sciences

Program modifications:

Modifications to the programs listed below are outlined on the next 10 pages.

- **Bachelor of Science (Major) in Biological Sciences**
- **Bachelor of Science (Major) in Biological Sciences, including Co-operative Option**
- **Bachelor of Science (Honours) in Biological Sciences**
- **Bachelor of Science (Honours) in Biological Sciences, including Co-operative Option**

EVOLUTION AND BIODIVERSITY

Evolution is broadly defined as “descent with modification” and is the process that generates the earth’s biodiversity. The theory of evolution provides a unifying framework for biology because all organisms are descended from a common ancestor. As a result, evolutionary principles permeate research and teaching throughout biology.

Evolutionary biology addresses two overarching questions:

1. What was the history of life?
2. What processes account for adaptation and diversification?

Systematics reconstructs the history of life by studying relationships among species, and involves comparisons of physical appearance, development, biochemistry, genetics, behaviour, ecology and biogeography. Evolutionary Genetics investigates how processes such as natural selection, mutation, and migration interact to cause evolutionary change within populations. Evolutionary history, genetics, and ecological context are required to fully understand the evolution of traits, for example body size, wing shape or leaf structure. Thus evolution integrates knowledge from a wide spectrum of sub-disciplines within biology.

Evolutionary biology has wide-ranging practical applications. Principles of evolution are required to understand: the evolution of pathogens such as HIV and avian influenza; domestication of wild species and consequences of genetic modifications; the identification of natural products; long-term responses to environmental change; and human biology. Courses from this theme will prepare students for academia, medicine, and government agencies or NGO’s that emphasize the cataloguing and conservation of biological diversity.

Specific courses required for the Evolution and Biodiversity Theme in addition to the core course requirements:

Course	Title	Hours
<u>STAT 2150</u>	Statistics and Computing	3
or <u>STAT 2000</u>	Basic Statistical Analysis 2	
One of the following	Evolutionary Processes courses:	3
<u>BIOL 3360</u>	Animal Behaviour	
<u>BIOL 4300</u>	Evolution and Adaptation	
<u>BIOL 4362</u>	Behavioural Ecology and Cognitive Ethology	
<u>BIOL 4510</u>	Evolutionary Genetics	
One of the following	Biodiversity courses:	3
<u>BIOL 3200</u>	Advanced Invertebrate Biology	
<u>BIOL 3242</u>	Vascular Flora of Manitoba	

Course	Title	Hours
<u>BIOL 3250</u>	Lichens and Bryophytes	
<u>BIOL 3270</u>	Introductory Parasitology	
<u>BIOL 3340</u>	<u>Biology of Primitive Fungi and Allies</u>	
<u>BIOL 4212</u>	Systematics and Biogeography of Fishes	
<u>BIOL 4214</u>	Biology of Amphibians and Reptiles	
<u>BIOL 4216</u>	Biology of Birds	
<u>BIOL 4218</u>	Biology of Mammals	

Honours : Evolution and Biodiversity Theme (Including Co-operative Option if Selected)

Important Note¹

Year 1		Hours
<u>BIOL 1020</u>	Biology 1: Principles and Themes	3
<u>BIOL 1030</u>	Biology 2: Biological Diversity, Function and Interactions (B)	3
<u>CHEM 1100</u>	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics	3
<u>CHEM 1120</u>	Introduction to Chemical Techniques ²	3
<u>STAT 1150</u>	Introduction to Statistics and Computing ³	3
or <u>STAT 1000</u>	or Basic Statistical Analysis ¹	
Hours		15

Years 1-2

In Year 1 or Year 2 the following must be completed:

3 credit hours of Mathematics or Physics chosen from:		3
<u>MATH 1240</u>	Elementary Discrete Mathematics ⁴	
<u>MATH 1300</u>	Vector Geometry and Linear Algebra ⁴	
<u>MATH 1500</u>	Introduction to Calculus ⁴	
<u>PHYS 1020</u>	General Physics ¹	
or <u>PHYS 1050</u>	or Physics 1: Mechanics	
6 credit hours from the Faculty of Arts, including a required “W” course		6
15 credit hours of electives		15
Hours		24

Year 2

<u>BIOL 2300</u>	Principles of Ecology	3
<u>BIOL 2500</u>	Genetics ¹	3
<u>BIOL 2520</u>	Cell Biology	3
<u>BIOL 2200</u>	The Invertebrates	3
or <u>BIOL 2210</u>	or The Chordates	
One of:		3

<u>BIOL 2240</u>	The Non-Flowering Plants	
<u>BIOL 2242</u>	The Flowering Plants	
<u>BIOL 2260</u>	Biology of Fungi and Lichens	
<u>BIOL 2262</u>	Biology of Algae	
One additional course from:		3
<u>BIOL 2200</u>	The Invertebrates	
<u>BIOL 2210</u>	The Chordates	
<u>BIOL 2240</u>	The Non-Flowering Plants	
<u>BIOL 2242</u>	The Flowering Plants	
<u>BIOL 2260</u>	Biology of Fungi and Lichens	
<u>BIOL 2262</u>	Biology of Algae	
<u>STAT 2150</u>	Statistics and Computing ^{3,4}	3
or <u>STAT 2000</u>	or Basic Statistical Analysis	2
Hours		21
Year 3		
<u>BIOL 3100</u>	Skills in Biological Sciences	3
<u>BIOL 3300</u>	Evolutionary Biology	3
One of:		3
<u>BIOL 3400</u>	Plant Physiology	
<u>BIOL 3470</u>	Environmental Physiology of Animals 1	
<u>BIOL 3472</u>	Environmental Physiology of Animals 2	
Co-op Requirements (if selected):		
<u>SCI 3980</u>	Co-operative Education Work Term 1	0
<u>SCI 3990</u>	Co-operative Education Work Term 2	0
Hours		9
Years 3-4		
One of:		3
<u>BIOL 3360</u>	Animal Behaviour	

<u>BIOL 4300</u>	Evolution and Adaptation	
<u>BIOL 4362</u>	Behavioural Ecology and Cognitive Ethology	
<u>BIOL 4510</u>	Evolutionary Genetics	
One of:		3
<u>BIOL 3200</u>	Advanced Invertebrate Biology	
<u>BIOL 3242</u>	Vascular Flora of Manitoba	
<u>BIOL 3250</u>	Lichens and Bryophytes	
<u>BIOL 3270</u>	Introductory Parasitology	
<u>BIOL 3340</u>	<u>Biology of Primitive Fungi and Allies</u>	
<u>BIOL 4212</u>	Systematics and Biogeography of Fishes	
<u>BIOL 4214</u>	Biology of Amphibians and Reptiles	
<u>BIOL 4216</u>	Biology of Birds	
<u>BIOL 4218</u>	Biology of Mammals	
24 credit hours of 3000 or 4000 level Biology courses ⁵		24
15 credit hours of electives		15
Hours		45
Year 4		
<u>BIOL 4100</u>	Honours Thesis	6
Co-op Requirements (if selected):		
<u>SCI4980</u>	Co-operative Education Work Term 3	0
<u>SCI4990</u>	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
Hours		6
Total Hours		120

¹ The program need not be completed in the manner prescribed in the grid above. The grid indicates one possible arrangement of the 120 credit hours that make up the degree and is meant to be a guide around which students can plan their program with a view to satisfying the prerequisites of the required courses. These 120 credit hours are a combination of the courses outlined in the grid above and elective courses chosen by the student in consultation with the program advisors.

² The former courses CHEM 1300 and CHEM 1310 may be used in place of CHEM 1100 and CHEM 1120. CHEM 1122 and CHEM 1126 may be used in lieu of CHEM 1120.

³ STAT 1150 is strongly recommended over STAT 1000; and STAT 2150 is strongly recommended over STAT 2000.

- ⁴
- MATH 1230, MATH 1510, MATH 1520, or MATH 1690 may be taken in place of MATH 1500;
 - MATH 1220 or MATH 1310 may be taken in place of MATH 1300;
 - MATH 1200 may be used in place of MATH 1240.

Note that STAT 2150 has a prerequisite of one of MATH 1230, MATH 1500, or MATH 1690.

⁵ Courses from other departments or faculties may be acceptable for use towards the 24 credit hours of 3000/4000 level Biological Sciences courses required in the Honours Degree program. Please consult with the theme advisor for permission to use alternate courses.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Four Year Major: Evolution and Biodiversity Theme (Including Co-operative Option)

Important Note¹

Year 1		Hours
<u>BIOL 1020</u>	Biology 1: Principles and Themes	3
<u>BIOL 1030</u>	Biology 2: Biological Diversity, Function and Interactions (C+)	3
<u>CHEM 1100</u>	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics	3
<u>CHEM 1120</u>	Introduction to Chemical Techniques ²	3
<u>STAT 1150</u>	Introduction to Statistics and Computing ³	3
or <u>STAT 1000</u>	or Basic Statistical Analysis ¹	
Hours		15

Years 1-2

In Year 1 or Year 2 the following must be completed:

3 credit hours of Mathematics or Physics chosen from:	3
<u>MATH 1240</u> Elementary Discrete Mathematics ⁴	
<u>MATH 1300</u> Vector Geometry and Linear Algebra ⁴	
<u>MATH 1500</u> Introduction to Calculus ⁴	
<u>PHYS 1020</u> General Physics ¹	
or <u>PHYS 1050</u> or Physics 1: Mechanics	
6 credit hours from the Faculty of Arts, including a required "W" course	6
15 credit hours of electives	15
Hours	24

Year 2

<u>BIOL 2300</u>	Principles of Ecology	3
<u>BIOL 2500</u>	Genetics ¹	3
<u>BIOL 2520</u>	Cell Biology	3
<u>BIOL 2200</u>	The Invertebrates	3
or <u>BIOL 2210</u>	or The Chordates	
One of:		3

<u>BIOL 2240</u>	The Non-Flowering Plants	
<u>BIOL 2242</u>	The Flowering Plants	
<u>BIOL 2260</u>	Biology of Fungi and Lichens	
<u>BIOL 2262</u>	Biology of Algae	
One additional course from:		3
<u>BIOL 2200</u>	The Invertebrates	
<u>BIOL 2210</u>	The Chordates	
<u>BIOL 2240</u>	The Non-Flowering Plants	
<u>BIOL 2242</u>	The Flowering Plants	
<u>BIOL 2260</u>	Biology of Fungi and Lichens	
<u>BIOL 2262</u>	Biology of Algae	
<u>STAT 2150</u>	Statistics and Computing ^{3,4}	3
or <u>STAT 2000</u>	or Basic Statistical Analysis 2	
Hours		21

Year 3

Co-op Requirements (if selected):

<u>SCI 3980</u>	Co-operative Education Work Term 1	0
<u>SCI 3990</u>	Co-operative Education Work Term 2	0
Hours		0

Years 3-4

<u>BIOL 3300</u>	Evolutionary Biology	3
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One of:		3
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<u>BIOL 3360</u>	Animal Behaviour	
<u>BIOL 4300</u>	Evolution and Adaptation	
<u>BIOL 4362</u>	Behavioural Ecology and Cognitive Ethology	
<u>BIOL 4510</u>	Evolutionary Genetics	

One of:		3
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<u>BIOL 3200</u>	Advanced Invertebrate Biology	
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<u>BIOL 3242</u>	Vas cular Flora of Manitoba	
<u>BIOL 3250</u>	Lichens and Bryophytes	
<u>BIOL 3270</u>	Introductory Paras itology	
<u>BIOL 3340</u>	<u>Biology of Primitive Fungi and Allies</u>	
<u>BIOL 4212</u>	Sys tematics and Biogeography of Fishes	
<u>BIOL 4214</u>	Biology of Amphibians and Reptiles	
<u>BIOL 4216</u>	Biology of Birds	
<u>BIOL 4218</u>	Biology of Mammals	
One of:		3
<u>BIOL 3400</u>	Plant Physiology	
<u>BIOL 3470</u>	Environmental Physiology of Animals 1	
<u>BIOL 3472</u>	Environmental Physiology of Animals 2	
24 credit hours of 3000 or 4000 level Biology courses ⁵		24
24 credit hours of electives		24
Hours		60
Year 4		
Co-op Requirements (if selected):		
<u>SCI 4980</u>	Co-operative Education Work Term 3	0
<u>SCI 4990</u>	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
Hours		0
Total Hours		120

¹ The program need not be completed in the manner prescribed in the grid above. The grid indicates one possible arrangement of the 120 credit hours that make up the degree and is meant to be a guide around which students can plan their program with a view to satisfying the prerequisites of the required courses. These 120 credit hours are a combination of the courses outlined in the grid above and elective courses chosen by the student in consultation with the program advisors.

² The former courses CHEM 1300 and CHEM 1310 may be used in place of CHEM 1100 and CHEM 1122. CHEM 1122 and CHEM 1126 may be used in lieu of CHEM 1120.

³ STAT 1150 is recommended over STAT 1000; and STAT 2150 is strongly recommended over STAT 2000.

- ⁴
- MATH 1230, MATH 1510, MATH 1520, or MATH 1690 may be taken in place of MATH 1500;
 - MATH 1220 or MATH 1310 may be taken in place of MATH 1300;
 - MATH 1200 may be used in place of MATH 1240.

Note that STAT 2150 has a prerequisite of one of MATH 1230, MATH 1500, MATH 1510, or MATH 1690.

⁵ Courses from other departments or faculties may be acceptable for use towards the 24 credit hours of 3000/4000 level Biological Sciences courses required in the Major Degree program. Please consult with the theme advisor for permission to use alternate courses.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Computer Science

Program modifications:

Modifications to the programs listed below are outlined on the next 4 pages.

- **Bachelor of Science (Major) in Computer Science**
- **Bachelor of Science (Major) in Computer Science, including Co-operative Option**

Computer Science Major Entrance, Continuation, and Graduation Requirements

To enter the Major Degree program in Computer Science, a student must have completed at least 24 credit hours with a minimum DGPA of 2.00, and also obtained a minimum grade of "C+" in COMP 1020, "C+" in both MATH 1300 and MATH 1500 (or their equivalents) and "C" in MATH 1700 (or equivalents).

To continue in the Major program a student must maintain a minimum DGPA of 2.00.

To graduate with the Computer Science Major degree, a student must present a minimum grade of "C+" in: MATH 1300 (or equivalent), MATH 1500 (or equivalent), and a minimum grade of "C" in MATH 1240, MATH 1700 (or equivalent), (STAT 1000 or STAT 1150), COMP 2080, COMP 2140, COMP 2150, COMP 2160, COMP 2280, COMP 3350, ~~COMP 3370~~, **(COMP 3010 or** COMP 3430), COMP 4620 and in each of the 18 credit hours of 3000 and 4000 level Computer Science courses that apply to the Computer Science component of their degree program. Additionally, students must achieve a minimum DGPA of 2.00.

This program is suitable for those students interested in combining a fairly extensive program in Computer Science with broad coverage of another subject or subjects of their choice (Science or non-Science). The program offers greater scheduling flexibility, more relaxed entrance requirements, and a wider range for the inclusion of electives from other disciplines than the Honours program, but it is not considered to offer the same professional training as the Honours program. Admission to graduate programs may be conditional upon completion of additional courses. Students intending to proceed to a master's degree from the four year Major program should consult with the department at the beginning of their second year of undergraduate study and in each subsequent year.

The student will be able to transfer to the Honours program, provided that departmental and faculty requirements for the Honours program are satisfied.

Outside of computer science and mathematics courses, students are encouraged to select courses such that their programs include at least 15 credit hours of study in science, engineering, or business, and at least nine (9) credit hours of study in the humanities or social sciences. In addition to the faculty maximum, students may be allowed to take up to an additional 12 credit hours of courses outside of the Faculty of Science, with departmental permission. The permission would typically be granted if a student is completing a minor outside of Science and may have completed a variety of electives outside the Faculty prior to declaring a minor in one department.

Major Co-operative Option

A co-operative education option is available for Major students. Students should refer to the Co-operative Education for further information on the Co-op programs.

The course and minimum grade requirements for entry and continuation in the Co-operative Option are the same as those required for the regular Major program. However, the entry and continuation DGPA requirement is set at a minimum of 2.5.

Students are required to complete all the first and second year courses in the program grid before their first co-op work term.

Degree Requirements

Four Year Major (Including Co-operative Option if Selected)^{1,2,3}

Year 1		Hours
<u>COMP 1010</u>	Introductory Computer Science 1 ⁴	3
<u>COMP 1020</u>	Introductory Computer Science 2 (C+)	3
<u>MATH 1300</u>	Vector Geometry and Linear Algebra (C+) ⁴	3
<u>MATH 1500</u>	Introduction to Calculus (C+) ⁴	3
<u>MATH 1700</u>	Calculus 2 (C) ⁴	3
Hours		15
Years 1-2		
One of:		3
<u>STAT 1000</u>	Basic Statistical Analysis 1 (C)	
<u>STAT 1150</u>	Introduction to Statistics and Computing (C)	
6 credit hours from the Faculty of Arts, which should include the required 3 credit hour "W" course		6
18 credit hours of electives ^{2,3}		18
Hours		27
Year 2		
<u>COMP 2080</u>	Analysis of Algorithms	3
<u>COMP 2140</u>	Data Structures and Algorithms	3
<u>COMP 2150</u>	Object Orientation	3
<u>COMP 2160</u>	Programming Practices	3
<u>COMP 2280</u>	Introduction to Computer Systems	3
<u>MATH 1240</u>	Elementary Discrete Mathematics ⁴	3
Hours		18
Years 3-4		

<u>COMP 3350</u>	Software Engineering 1	3
COMP 3370	Computer Organization	3
COMP 3430	Operating Systems	3
One of:		3
<u>COMP 3010</u>	<u>Distributed Computing</u>	
<u>COMP 3430</u>	<u>Operating Systems</u>	
<u>COMP 4620</u>	Professional Practice in Computer Science	3
18 credit hours of 3000 or 4000 level Computer Science courses of which 6 credit hours must be at the 4000 level		18
30 33 credit hours of electives ²		3330
Co-op Requirements (if selected):		
<u>SCI 3980</u>	Co-operative Education Work Term 1	0
<u>SCI 3990</u>	Co-operative Education Work Term 2	0
<u>SCI 4980</u>	Co-operative Education Work Term 3	0
<u>SCI 4990</u>	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
Hours		60
Total Hours		120

¹ Entry to the four-year Major Co-operative Option is at the end of second year. Employment terms follow 3A (September-December), 3B (May-August) and 4A (January-April). Students in the Co-operative Option must complete three employment terms and receive a passing grade in SCI 3980, SCI 3990, SCI 4980, and SCI 4990 (if selected) prior to the last academic term.

² Additional information on how students may select their courses can be found in the program Overview.

³ IMPORTANT: The four-year Major degree need not be completed in the order prescribed in the grid above. The grid indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program. Students in the Co-operative Option should be aware that while other arrangements are possible, they may jeopardize their chances of obtaining employment by selecting such arrangements. Students should discuss their planned sequence of courses with the department prior to making adjustments to the sequence above.

⁴ , COMP 1012 may be taken in place of COMP 1010.
 , MATH 1210, MATH 1220 or MATH 1310 may be taken in place of MATH 1300;
 , MATH 1230, MATH 1510, MATH 1520, or MATH 1690 may be taken in place of MATH 1500;
 , MATH 1232, MATH 1710 or MATH 1690 may be taken in place of MATH 1700.

- › Honours students are encouraged to take MATH 1220 instead of MATH 1300 and to take MATH 1230 instead of MATH 1500 to better prepare them for later, higher-level studies.
- › Students who have previously completed COMP 2130 may use it in lieu of MATH 1240.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Mathematics

Deletion: (*effective Fall 2023*)

MATH 1520 Introductory Calculus for Management and Social Sciences 3 cr -3.0

Introduction: (*effective Fall 2023*)

MATH 1524 Mathematics for Management and Social Sciences 3 cr +3.0
(Lab required) Differentiation and integration of functions of one variable. Solving systems of linear equations, introduction to matrices. Emphasizes applications in the areas of management and social sciences. May not be held with MATH 1230, MATH 1500, MATH 1501, MATH 1510, the former MATH 1520, the former MATH 1680, or MATH 1690. Prerequisite: One of Pre-calculus Mathematics 40S (60%), the former Mathematics 40S (300) (60%), MATH 1018 (C+), or MSKL 0100.

NET CHANGE IN CREDIT HOURS: 0.0

Microbiology

Modifications:

MBIO 3032 Microbiology III: Physiology and Metabolism 3 cr 0.0
The course will include an introduction to microbial growth and genomics approaches used for the analysis of microbial metabolism. Using these tools, the physiology of microbial cell walls, transport, and motility, as well as microbial metabolism as related to ATP production, respiration, fermentation and carbon fixation will be discussed. May not be held with the former MBIO 3030, the former MBIO 3031, or MBIO 3033. Prerequisites: [MBIO 2020 or MBIO 2021] and [one of MBIO 2710, MBIO 2711, the former MBIO 2370, the former MBIO 2371, CHEM 2710, CHEM 2711, the former CHEM 2370, or the former CHEM 2371].

MBIO 3282 Microbial Communities 3 cr 0.0
The course will examine microbial communities, which will be discussed in terms of their composition, physiological adaptations and their effects on their abiotic and biological surroundings. Topics will include nutrient cycling, biodegradation and adaptation to extreme environments, and the applications arising from these microbial functions. Methods for quantitation of microbial biomass and biological activity will be discussed. May not be held with MBIO 3283, the former MBIO 2280, or the former MBIO 3280. Prerequisites: [MBIO 1010 or MBIO 1011] and [one of CHEM 1110, CHEM 1111, the former CHEM 1310, or the former CHEM 1311]. MBIO 2020, MBIO 2021, or MBIO 1410 are recommended prerequisites.

MBIO 3472 Microbial Systematics 3 cr 0.0
Characterization and classification of the major group of micro-organisms. Bases for divisions and the relatedness among organisms will be studied. May not be held with the former MBIO 3470. Prerequisites: one of MBIO 3032, MBIO 3033, the former MBIO 3030, or the former MBIO 3031.

MBIO 3600 Molecular Microbiology Techniques 3 cr 0.0

A laboratory-based course, intended to teach the fundamental techniques required to work in a modern molecular microbiology laboratory. Students will develop a thorough understanding of the theory underpinning the techniques introduced in this course, laboratory skills in current molecular microbiology techniques, and application of techniques to investigate scientific questions, such as the identification of unknowns. Learning outcomes include development of technical skills, competency in following protocols, presentation of results and scientific writing. May not be held with MBIO 3601, the former MBIO 4600, the former MBIO 4601, or MBIO 4030 when titled Advanced Microbial Genetics Lab. Prerequisites: [MBIO 3410 or MBIO 3411]; and [(MBIO 2710, MBIO 2711, CHEM 2710, or CHEM 2711) and (CHEM 2720 or CHEM 2721)] or [one of the former MBIO 2370, the former MBIO 2371, the former CHEM 2370, or the former CHEM 2371].

MBIO 3700 Experimental Microbiology Laboratory 3 cr 0.0

This lab course will introduce students to the morphological and physiological study of microorganisms. Students will reinforce their basic lab skills while carrying out discovery-based experiments involving microscopy, antibiotic susceptibility testing, bacterial enumeration, physiology and identification. May not be held with the former MBIO 3030 or the former MBIO 3031. Prerequisites: MBIO 2020 or MBIO 2021; and [(MBIO 2700, MBIO 2701, CHEM 2700, or CHEM 2701) and (CHEM 2720 or CHEM 2721)] or [one of the former MBIO 2370, the former MBIO 2371, the former CHEM 2370, or the former CHEM 2371].

MBIO 4442 Research in Systems Microbiology 3 cr 0.0

(Lab required) Systems microbiology integrates physiological information and functional genomics (genomics, transcriptomics, proteomics, metabolomics) data, as well as large scale mutagenesis and chemogenomics to create models of the complex interactions within microbial cells to understand how a bacterial cell functions as an integrated whole. Applications to more complex microbial communities will also be discussed. May not be held with the former MBIO 4440. Prerequisites: one of MBIO 3032, MBIO 3033, the former MBIO 3030, or the former MBIO 3031.

MBIO 4480 Microbes in our Environment 3 cr 0.0

(Lab required) A course investigating the diversity of roles microbes play in our immediate environment, and how they affect it. Environments to be examined may include the human body, waste treatment facilities and extreme environments. Molecular tools to study the community structure and roles of individual organisms will also be discussed. May not be held with the former MBIO 3480 or the former MBIO 4320. Prerequisites: one of [(MBIO 3032 or MBIO 3033) and MBIO 3700] or (the former MBIO 3030, or the former MBIO 3031).

MBIO 4520 Industrial Bioprocesses 3 cr 0.0

(Lab required) The course will cover bioprocesses for a range of commercially important healthcare and industrial products. Topics will also include bioreactor design and control for these bioprocesses, metabolic engineering for product enhancement, applied engineering and downstream processing. May not be held for credit with the former MBIO 4510. Prerequisites: one of [(MBIO 3032 or MBIO 3033) and MBIO 3700] or (the former MBIO 3030, or the former MBIO 3031).

MBIO 4540 Biological Energy Transduction 3 cr 0.0

Biochemistry of biological processes involving interconversion of different forms of energy such as oxidative phosphorylation, membrane transport and contractile processes. May not be held with MBIO 4541. MBIO 3032, MBIO 3033, the former MBIO 3030, or the former MBIO 3031 is

recommended as a prerequisite to this course. Prerequisite: one of MBIO 2710, MBIO 2711, the former MBIO 2370, the former MBIO 2371, CHEM 2710, CHEM 2711, the former CHEM 2370, or the former CHEM 2371.

MBIO 4612 Molecular Genetics of Eukaryotes – Lectures 3 cr 0.0
A comprehensive study dealing with replication and expression of DNA, genome structure, and the involvement of genes in diseases such as cancer. May not be held with MBIO 4613 or the former MBIO 4610. Prerequisites: [MBIO 3410 or MBIO 3411] and [one of MBIO 2710, MBIO 2711, the former MBIO 2370, the former MBIO 2371, CHEM 2710, CHEM 2711, the former CHEM 2370, or the former CHEM 2371]. BIOL 2500 or BIOL 2501 is recommended.

NET CHANGE IN CREDIT HOURS: 0.0

Statistics

Introductions:

STAT 3900 Intermediate Topics in Statistics 3 cr +3.0
Topics of current interest in Statistics that will vary with the needs and interests of students and faculty. This course can be completed as a topics course multiple times under different titles. Prerequisite: Consent of Department.

STAT 3910 Intermediate Topics in Statistics with Laboratory 3 cr +3.0
(Lab required) Topics of current interest in Statistics that will vary with the needs and interests of students and faculty. This course can be completed as a topics course multiple times under different titles. Prerequisite: Consent of Department.

Modifications:

STAT 4910 Advanced Topics in Statistics with Laboratory 3 cr 0.0
(Lab required) Topics of current interest in Statistics that will vary with the needs and interests of students and faculty. This course can be completed as a topics course multiple times under different titles. Prerequisite: consent of Department.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

Modifications to the following programs are outlined on the next 8 pages:

- **Bachelor of Science (Major) in Statistics**
- **Bachelor of Science (Major) in Statistics, with Co-operative Option**
- **Bachelor of Science (Honours) in Statistics**
- **Bachelor of Science (Honours) in Statistics, with Co-operative Option**

Statistics, B.Sc. Honours

Degree Requirements

Honours (Including Co-operative Option if Selected)¹

Year 1		Hours
STAT 1150	Introduction to Statistics and Computing ²	3
MATH 1220	Linear Algebra 1 ²	3
MATH 1230	Differential Calculus ²	3
MATH 1232	Integral Calculus ²	3
MATH 1240	Elementary Discrete Mathematics	3
Hours		15
Years 1-2		
The following must be completed in Year 1 or Year 2:		
COMP 1010	Introductory Computer Science 1	3
COMP 1020	Introductory Computer Science 2	3
STAT 2150	Statistics and Computing (B)	3
STAT 2300	Principles of Data Collection	3
6 credit hours from the Faculty of Arts, which should include the required "W" course		6
6 credit hours from the lists of Mathematics and Computer Science options (Lists B and C below)		6
9 credit hours of elective courses ³		9
Hours		33
Year 2		
STAT 2400	Introduction to Probability 1	3
STAT 2800	Introduction to Probability 2	3
MATH 2080	Introduction to Analysis	3
MATH 2150	Multivariable Calculus ²	3
Hours		12
Year 3		
STAT 3030	Introduction to Stochastic Processes	3
STAT 3100	Introduction to Statistical Inference	3
STAT 3150	Statistical Computing	3
STAT 3450	Linear Models	3
STAT 3690	Multivariate Analysis	3
Hours		15

Years 3-4

24 credit hours from the list of Statistics options for the Honours program (List A below), with at least 15 credit hours at the 4000 level 24

6 credit hours from the lists of Statistics, Mathematics and Computer Science options for the Honours program (Lists A, B and C below) 6

12 credit hours of elective courses ³ 12

Co-op Requirements (if selected):

SCI 3980	Co-operative Education Work Term 1	0
SCI 3990	Co-operative Education Work Term 2	0
SCI 4980	Co-operative Education Work Term 3	0
SCI 4990	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
Hours		42

Year 4

STAT 4100	Statistical Inference	3
Hours		3
Total Hours		120

¹ IMPORTANT: The four year Honours program need not be completed in the manner prescribed in the grid above. The grid indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program.

² The following substitutes are allowed:

- MATH 1300 (B) in place of MATH 1220,
- MATH 1500 (B) or MATH 1510 (B) in place of MATH 1230,
- MATH 1700 (B) or MATH 1710 (B) in place of MATH 1232,
- MATH 1690 in place of MATH 1230 and MATH 1232;
- MATH 2720 in place of MATH 2150;
- STAT 1000 and STAT 2000 (B) in place of STAT 1150.

³ Although not required, students are encouraged to select some of their electives from traditional fields of application in Statistics such as Biological Sciences, Microbiology, Actuarial Mathematics, Economics, Psychology, or Sociology.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Optional Courses for Honours Program

Course	Title	Hours
List A: Statistics Options for the Honours Program		
STAT 3170	Statistical Quality Control	3
STAT 3380	Introduction to Nonparametric Statistics	3
STAT 3490	Time Series Analysis	3
STAT 3550	Nonlinear Regression Models	3
<u>STAT 3900</u>	<u>Intermediate Topics in Statistics</u>	<u>3</u>
<u>STAT 3910</u>	<u>Intermediate Topics in Statistics</u>	<u>3</u>
STAT 4150	Bayesian Analysis and Computing	3
STAT 4170	Lifetime Data Analysis	3
STAT 4250	Statistical Learning	3
STAT 4520	Sampling Techniques	3
STAT 4530	Design of Experiments	3
STAT 4630	Stochastic Processes	3
STAT 4700	Statistical Consulting	3
STAT 4900	Advanced Topics in Statistics	3
STAT 4910	Advanced Topics in Statistics	3
STAT 4950	Honours Thesis in Statistics	6
List B: Mathematics Options for the Honours Program		
MATH 2030	Combinatorics 1	3
MATH 2070	Graph Theory 1	3
MATH 2090	Linear Algebra 2	3
MATH 2160	Numerical Analysis 1	3
MATH 2180	Real Analysis 1	3
MATH 2740	Mathematics of Data Science	3
MATH 3330	Computational Algebra	3
MATH 3340	Complex Analysis 1	3
MATH 3360	Combinatorics 2	3
MATH 3440	Ordinary Differential Equations	3
MATH 3460	Partial Differential Equations	3
MATH 3470	Real Analysis 2	3
MATH 3490	Optimization	3
MATH 3610	Introduction to Mathematical Modelling	3
MATH 4370	Linear Algebra and Matrix Analysis	3
MATH 4390	Numerical Approximation Theory	3

Course	Title	Hours
List C: Computer Science Options for the Honours Program		
COMP 2080	Analysis of Algorithms	3
COMP 2140	Data Structures and Algorithms	3
COMP 3170	Analysis of Algorithms and Data Structures	3
COMP 3190	Introduction to Artificial Intelligence	3
COMP 3380	Databases Concepts and Usage	3
COMP 3820	Introduction to Bioinformatics Algorithms	3
COMP 4190	Artificial Intelligence	3
COMP 4360	Machine Learning	3
COMP 4380	Database Implementation	3
COMP 4420	Advanced Design and Analysis of Algorithms	3
COMP 4710	Introduction to Data Mining	3

Degree Requirements

Four Year Major (Including Co-operative Option if Selected)¹

Year 1		Hours
STAT 1150	Introduction to Statistics and Computing ²	3
MATH 1220	Linear Algebra 1 ²	3
MATH 1230	Differential Calculus ²	3
MATH 1232	Integral Calculus ^{2,4}	3
MATH 1240	Elementary Discrete Mathematics	3
Hours		15

Years 1-2

The following must be completed in Year 1 or Year 2:

COMP 1010	Introductory Computer Science 1	3
COMP 1020	Introductory Computer Science 2	3
STAT 2150	Statistics and Computing (C+)	3
STAT 2300	Principles of Data Collection	3
6 credit hours from the Faculty of Arts, which should include the required "W" course		6
6 credit hours from the lists of Mathematics and Computer Science options for the Major program (Lists B and C below)		6
12 credit hours of elective courses ³		12
Hours		36

Year 2

STAT 2400	Introduction to Probability 1	3
STAT 2800	Introduction to Probability 2	3
MATH 2720	Multivariable Calculus	3
Hours		9

Year 3

STAT 3100	Introduction to Statistical Inference	3
STAT 3150	Statistical Computing	3
STAT 3450	Linear Models	3
STAT 3690	Multivariate Analysis	3
Hours		12

Years 3-4

24 credit hours from the list of Statistics options for the Major program (List A below), with at least 15 credit hours at the 4000 level		24
9 credit hours from the lists of Statistics, Mathematics and Computer Science options for the Major program (Lists A, B and C below)		9
15 credit hours of elective courses ³		15

Co-op Requirements (if selected):

SCI 3980	Co-operative Education Work Term 1	0
SCI 3990	Co-operative Education Work Term 2	0
SCI 4980	Co-operative Education Work Term 3	0
SCI 4990	Co-operative Education Work Term 4 (if a 4th work term is selected)	0
	Hours	48
	Total Hours	120

¹ IMPORTANT: The four year Major program need not be completed in the manner prescribed in the grid above. The grid indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program.

² The following substitutes are allowed:

- MATH 1300 (B) in place of MATH 1220,
- MATH 1500 (B) or MATH 1510 (B) in place of MATH 1230,
- MATH 1700 (B) or MATH 1710 (B) in place of MATH 1232,
- MATH 1690 in place of MATH 1230 and MATH 1232;
- MATH 2720 in place of MATH 2150;
- STAT 1000 and STAT 2000 (B) in place of STAT 1150.

³ Although not required, students are encouraged to select some of their electives from traditional fields of application in Statistics such as Biological Sciences, Microbiology, Actuarial Mathematics, Economics, Psychology, or Sociology.

⁴ **Amended August 25, 2021**

(Letters in brackets indicate minimum prerequisite standing for further study.)

Optional Courses for the Major Program

Course	Title	Hours
List A: Statistics Options for the Major Program		
STAT 3030	Introduction to Stochastic Processes	3
STAT 3170	Statistical Quality Control	3
STAT 3380	Introduction to Nonparametric Statistics	3
STAT 3490	Time Series Analysis	3
STAT 3550	Nonlinear Regression Models	3
<u>STAT 3900</u>	<u>Intermediate Topics in Statistics</u>	<u>3</u>
<u>STAT 3910</u>	<u>Intermediate Topics in Statistics</u>	<u>3</u>
STAT 4100	Statistical Inference	3
STAT 4150	Bayesian Analysis and Computing	3
STAT 4170	Lifetime Data Analysis	3
STAT 4250	Statistical Learning	3
STAT 4520	Sampling Techniques	3
STAT 4530	Design of Experiments	3
STAT 4630	Stochastic Processes	3
STAT 4700	Statistical Consulting	3
STAT 4900	Advanced Topics in Statistics	3
STAT 4910	Advanced Topics in Statistics	3
List B: Mathematics Options for the Major Program		
MATH 2030	Combinatorics 1	3
MATH 2070	Graph Theory 1	3
MATH 2080	Introduction to Analysis	3
MATH 2090	Linear Algebra 2	3
MATH 2160	Numerical Analysis 1	3
MATH 2180	Real Analysis 1	3
MATH 2740	Mathematics of Data Science	3
MATH 3330	Computational Algebra	3
MATH 3340	Complex Analysis 1	3
MATH 3360	Combinatorics 2	3
MATH 3440	Ordinary Differential Equations	3
MATH 3460	Partial Differential Equations	3
MATH 3470	Real Analysis 2	3
MATH 3490	Optimization	3
MATH 3610	Introduction to Mathematical Modelling	3
MATH 4370	Linear Algebra and Matrix Analysis	3
MATH 4390	Numerical Approximation Theory	3

Course	Title	Hours
List C: Computer Science Options for the Major Program		
COMP 2080	Analysis of Algorithms	3
COMP 2140	Data Structures and Algorithms	3
COMP 3170	Analysis of Algorithms and Data Structures	3
COMP 3190	Introduction to Artificial Intelligence	3
COMP 3380	Databases Concepts and Usage	3
COMP 3820	Introduction to Bioinformatics Algorithms	3
COMP 4190	Artificial Intelligence	3
COMP 4360	Machine Learning	3
COMP 4380	Database Implementation	3
COMP 4420	Advanced Design and Analysis of Algorithms	3
COMP 4710	Introduction to Data Mining	3

Université de Saint-Boniface

Faculté des arts

département de sciences humaines et sociales

Deletions:

POLS 2561 Questions d'actualité en politique Canadienne 6 cr -6.0

POLS 2571 Initiation à l'administration publique 6 cr -6.0

Introductions:

POLS 2051 Préparation aux carrières dans la fonction publique 3 cr +3.0

Introduction aux concepts, théories et enjeux de l'administration publique dans une perspective fédérale, provinciale et municipale. Étude des principales structures et de la fonction publique, de ses relations avec le pouvoir politique, du processus budgétaire, des mécanismes de contrôle et de l'élaboration des politiques publiques. On ne peut se faire créditer POLS 2051 et l'ancien POLS 2571 ou POLS 2902. Préalable: POLS 1503 ou l'autorisation professorale.

POLS 2053 Introduction à la politique africaine 3 cr +3.0

Analyse des enjeux politiques et sociaux de l'Afrique contemporaine. Analyse de la singularité des trajectoires historiques et socioculturelles du processus de formation de l'État en Afrique depuis la colonisation jusqu'à nos jours. Les thèmes suivants seront abordés: gouvernance et démocratisation; néopatrimonialisme et corruption; guerres et conflits civils; développement économique et social; relation entre l'Afrique et la communauté internationale. On ne peut se faire créditer POLS 2053 et POLS 3141 quand l'intitulé est Politique africaine contemporaine. Préalable: POLS 1503 ou l'autorisation professorale.

NET CHANGE IN CREDIT HOURS: - 6.0

Program modifications:

Modifications to the following programs are outlined on the next two pages:

- **Baccalauréat es arts, Majeure en mathématiques**
- **Mineure en mathématiques**

Majeure et mineures pour le Baccalauréat ès arts

1. 0 À propos de la majeure ou de la mineure en sciences

Les étudiantes et étudiants du baccalauréat ès arts peuvent décider de compléter une majeure en mathématiques ou une mineure en sciences. Les exigences ci-dessous doivent être satisfaites.

2.0 Admission

Pour les conditions d'admission, veuillez consulter le baccalauréat ès arts.

3.0 Exigences

3.1 Majeure en mathématiques¹ (Arts) - 30 CRÉDITS

- Année 1**
- MATH 1241 (C)
 - MATH 1301 (BC)²
 - MATH 1501 (BC)³
 - MATH 1701 (BC)⁴

Années 2 et 3 18 crédits parmi les cours de mathématiques de niveau 2000, 3000 ou 4000 (dont un minimum de 3 crédits qui doit être de niveau 3000 ou 4000)

Notes:

1. Pour être admis à la majeure en mathématiques, il faut une note minimale de C+ dans 2 cours de mathématiques déjà complétés.
2. MATH 1301 peut être remplacé par MATH 1220 avec une note minimale de C.
3. MATH 1501 peut être remplacé par MATH 1230 avec une note minimale de C.
4. MATH 1701 peut être remplacé par MATH 1232 avec une note minimale de C.

3.2 Mineures

Il est possible de compléter une mineure dans les 4 disciplines suivantes : chimie, mathématiques, microbiologie et sciences biologiques, en autant que les exigences ci-dessous soient satisfaites.

CHIMIE – Mineure (Arts) - 18 CRÉDITS

- Année 1**
- CHEM 1101
 - CHEM 1111 (C)
 - CHEM 1121¹

Années 2 et 3 9 crédits additionnels en chimie de niveau 2000 ou 3000

Notes :

1. CHEM 1122 et CHEM 1126 peuvent être suivi au lieu de CHEM 1121. À noter que CHEM 1122 et CHEM 1126 sont disponibles seulement pour les étudiants en ingénierie.

MATHÉMATIQUES¹ – Mineure (Arts) - 18 CRÉDITS

- Année 1**
- MATH 1301 (BC)²
 - MATH 1501 (BC)³
 - MATH 1701 (BC)⁴

Années 2 et 3 9 crédits parmi MATH 1241 (C) et les cours de mathématiques de niveau 2000 ou 3000

Notes:

1. Pour être admis à la mineure en mathématiques, il faut une note minimale de C dans 2 cours de mathématiques déjà complétés.
2. MATH 1301 peut être remplacé par MATH 1220 avec une note minimale de C.
3. MATH 1501 peut être remplacé par MATH 1230 avec une note minimale de C.
4. MATH 1701 peut être remplacé par MATH 1232 avec une note minimale de C.

MICROBIOLOGIE – Mineure (Arts) - 18 CRÉDITS

Année 1

- BIOL 1021 (C)
- BIOL 1031 (C)
- CHEM 1101 (C)
- CHEM 1111 (C)
- CHEM 1121 (C) ¹

Années 2 et 3 MBIO 1011 (C)
+ 12 crédits en microbiologie de niveau 2000 ou 3000.

Notes :

1. CHEM 1122 et CHEM 1126 peuvent être suivi au lieu de CHEM 1121. À noter que CHEM 1122 et CHEM 1126 sont disponibles seulement pour les étudiants en ingénierie.

SCIENCES BIOLOGIQUES – Mineure (Arts) - 18 CRÉDITS

Année 1

BIOL 1021
BIOL 1031

Années 2 et 3 12 crédits en sciences biologiques de niveau 2000, 3000 ou 4000

[En dessous du sous-titre « Cours et disciplines » et de l'entête « Descriptions de cours », juste avant le tableau des cours, ajouter cette note :]

Faculté d'éducation

EDUB 4117 Didactique en musique 3 cr +3.0
Étude des programmes et des méthodes d'enseignement de la musique au primaire, à l'intermédiaire et au secondaire.

NET CHANGE IN CREDIT HOURS: +3.0

Faculté des sciences

département des sciences expérimentales

deletion:

MBIO 3031 Microbiologie III 3 cr -3.0

Introductions:

MBIO 3033 Microbiologie III : Physiologie et Métabolisme 3 cr +3.0
Introduction à la croissance et à la génomique microbiennes ainsi qu'aux techniques moléculaires utilisées pour l'analyse du métabolisme bactérien. À l'aide de ces outils, la physiologie des parois cellulaires bactériennes, le transport et la motilité, ainsi que le métabolisme microbien lié à la production d'ATP, la respiration, la fermentation et la fixation du carbone seront discutés. On ne peut se faire créditer MBIO 3033 et MBIO 3032 (ou les anciens MBIO 3031, MBIO 3030, MBIO 2101, MBIO 2100). Préalables: (MBIO 2021 ou MBIO 2020) et [(un de MBIO 2711, CHEM 2711, MBIO 2710 ou CHEM 2710) ou (un des anciens MBIO 2371, CHEM 2371, MBIO 2370, CHEM 2370, MBIO 2730, CHEM 2730)].

MBIO 3283 Communautés microbiennes 3 cr +3.0
Ce cours examinera les communautés microbiennes. Il vise à comprendre la composition et les adaptations physiologiques de ces communautés et à étudier leurs effets sur l'environnement abiotique et biologique. Les sujets abordés seront le cycle des nutriments, la biodégradation et l'adaptation aux environnements extrêmes, ainsi que les applications découlant de ces fonctions microbiennes. Les méthodes de quantification de la biomasse microbienne et de l'activité biologique seront discutées. On ne peut se faire créditer MBIO 3283 et MBIO 3282 (ou l'un des anciens MBIO 2280, MBIO 3280). MBIO 2021, MBIO 2020, ou MBIO 1410 sont recommandés. Préalables: [MBIO 1011 ou MBIO 1010] et [un de (CHEM 1111, CHEM 1110) (ou l'un des anciens CHEM 1311, CHEM 1310)].

MBIO 3601 Techniques en microbiologie moléculaire 3 cr +3.0
(Laboratoire autonome) Cours pratique en laboratoire, visant l'apprentissage des techniques fondamentales requises pour travailler dans un laboratoire moderne en microbiologie moléculaire. Les étudiants développeront une compréhension approfondie des théories qui sous-tendent les techniques introduites dans ce cours, les compétences pratiques courantes de la microbiologie moléculaire et l'application de ces techniques afin d'explorer des questions scientifiques telles que l'identification d'inconnues. L'évaluation accentuera la réussite des protocoles et la présentation des résultats, avec une emphase sur la rédaction scientifique. On ne peut se faire créditer MBIO 3601 et MBIO 3600 ou MBIO 4601 ou MBIO 4600 ou MBIO 4030 quand l'intitulé est Advanced Microbial Genetics Lab. Préalables: [MBIO 3411 ou MBIO 3410] et

[un de (MBIO 2711, CHEM 2711, MBIO 2710, CHEM 2710) et un de (CHEM 2721, CHEM 2720) ou (l'un des anciens MBIO 2371, CHEM 2371, MBIO 2370, CHEM 2370)].

MBIO 4613 Génétique moléculaire des eucaryotes 3 cr +3.0

Une étude approfondie de la réplication et l'expression de l'ADN, la structure génomique et le rôle des gènes dans les maladies telles que le cancer. On ne peut se faire créditer MBIO 4613 et MBIO 4612 ou l'ancien MBIO 4610. Préalables: [MBIO 3411 or MBIO 3410] et [(un de MBIO 2711, CHEM 2711, MBIO 2710, CHEM 2710) ou (l'un des anciens MBIO 2371, CHEM 2371, MBIO 2370, CHEM 2370)].

Modifications:

BIOL 1001 Biologie : Les fondements de la vie 3 cr 0.0

Étude de certains principes unificateurs de la vie. Attention particulière à la biologie cellulaire, à la bioénergétique, à la division cellulaire, à la génétique et à l'évolution. Ne peut être utilisé dans un programme de majeure ou de spécialisation. On ne peut se faire créditer BIOL 1001 et BIOL 1000, BIOL 1020 ou BIOL 1021. Préalable : un de Mathématiques 40S (50%), MATH 0401, MATH 1018 ou MSKL 0100.

BIOL 1011 Biologie : La diversité biologique et ses interactions 3 cr 0.0

Introduction à la diversité (les procaryotes, les protistes, les champignons, les plantes et les animaux), à la forme et à la fonction des plantes et des animaux ainsi qu'aux principaux concepts de l'écologie. Ne peut être utilisé dans un programme de majeure ou de spécialisation. On ne peut se faire créditer BIOL 1011 et BIOL 1010, BIOL 1030 ou BIOL 1031. Préalable : un de Mathématiques 40S (50%), MATH 0401, MATH 1018 ou MSKL 0100.

BIOL 1021 Biologie I : Thèmes et principes 3 cr 0.0

(Laboratoire requis) Les principes unificateurs à la base de la biologie dont la biologie cellulaire, la bioénergétique, la division cellulaire, la génétique et l'évolution. Pour ceux et celles qui veulent suivre un programme de sciences biologiques avec majeure ou spécialisation. On ne peut se faire créditer BIOL 1021 et BIOL 1020, BIOL 1001, BIOL 1000 ou BIOE 2590.

Préalables: [Biologie 40S (50 %)], [un de Mathématiques 40S (50 %), MATH 0401, MATH 1018 ou MSKL 0100] et [un de Chimie 40S (50 %), CSKL 0100, CHEM 1018, Physique 40S (50 %), PSKL 0100 ou PHYS 1018]; ou BIOL 1001 ou BIOL 1000. Si BIOL 1001 (BIOL 1000) sert de préalable à BIOL 1021 (BIOL 1020), on ne peut se faire créditer BIOL 1001 et BIOL 1021 dans le cadre d'un même programme.

BIOL 2381 Introduction à la toxicologie 3 cr 0.0

Survol des principes généraux à la base des effets des substances toxiques sur les systèmes biologiques, tout en prenant en considération l'histoire, l'étendue et les applications de la toxicologie, les mécanismes d'action des toxines et certains types majeurs de toxines. On ne peut se faire créditer BIOL 2381 et BIOL 2380, ENVR 2180, ENVR 2190, AGRI 2180, AGRI 2190 (ou les anciens BIOL 2382). Préalables: [BIOL 1031, BIOL 1030 ou HEAL 1502] et [(CHEM 1101 ou CHEM 1100 et un de CHEM 1111, CHEM 1110, CHEM 1121, CHEM 1120, CHEM 1126 ou CHEM 1130) ou (un des anciens CHEM 1311, CHEM 1310 ou CHEM 1320)].

CHEM 1101 Introduction à la chimie 1: Structures atomiques et moléculaires, et énergie chimique 3 cr 0.0

Consolidation des concepts chimiques fondamentaux appris au secondaire. Description plus approfondie du tableau périodique des éléments, de la nature de l'énergie en chimie, des

structures atomiques et moléculaires, et des concepts de réactivité chimique. On ne peut se faire créditer CHEM 1101 et CHEM 1100 (ou les anciens CHEM 1301, CHEM 1300).

Préalables: [un de Chimie 40S (50%), CHEM 1018, CSKL 0100 (P) ou l'ancien CHEM 0900 (P)] et [un de Mathématiques appliquées 40S (50%), Mathématiques pré-calcul 40S (50%), l'ancien Mathématiques 40S (300) (50%), MATH 1018, ou MSKL 0100].

CHEM 1121 Introduction aux techniques chimiques 3 cr 0.0
(Laboratoire autonome) Perfectionnement des compétences en matière d'observations, de manipulation sécuritaire de produits chimiques, de manipulation d'équipement de laboratoire, d'analyses quantitatives, de traitements de données et de communication scientifique. Démonstration de l'importance de la chimie pour la société via une introduction aux concepts de développement durable, à la sécurité chimique et aux différentes applications de la chimie. On ne peut se faire créditer CHEM 1121 et CHEM 1120 ou CHEM 1122 ou CHEM 1126 ou les anciens CHEM 1311 et CHEM 1310. Préalables: [(Chimie 40S (70%) ou CHEM 1018) et (un de Mathématiques pré-calcul 40S (70%), Mathématiques appliquées 40S (70%), MATH 1018 ou MSKL 0100 (B))] ou [un de CHEM 1101, CHEM 1100, CSKL 0100 (P) ou un des anciens [CHEM 1301, CHEM 1300, ou CHEM 0900 (P)].

MBIO 4541 Transduction de l'énergie biologique 3 cr 0.0
Biochimie des processus biologiques comportant l'interconversion des différentes formes d'énergie comme la phosphorylation oxydative, le transport dans les membranes et les processus de contractions. On ne peut se faire créditer MBIO 4541 et MBIO 4540. MBIO 3033 ou MBIO 3032 est recommandé. MBIO 3033 ou MBIO 3032 est recommandé. Préalables : MBIO 2711, MBIO 2710, CHEM 2711 ou CHEM 2710 (ou un des anciens MBIO 2371, MBIO 2370, CHEM 2371 ou CHEM 2370).

MBIO 4603 Génétique moléculaire des procaryotes 3 cr 0.0
Étude détaillée des principes qui sous-tendent les mécanismes moléculaires de la génétique bactérienne en se concentrant sur la conjugaison, la transduction, la transformation, la recombinaison et les éléments génétiques mobiles. Les rôles de ces mécanismes dans les approches moléculaires et dans la pathogénie de certains pathogènes bactériens seront également abordés. On ne peut se faire créditer MBIO 4603 et MBIO 4602 ou les anciens (MBIO 4601 et MBIO 4600). Préalables : [MBIO 3411 ou MBIO 3410] et [MBIO 2021 ou MBIO 2020].

NET CHANGE IN CREDIT HOURS: +9.0

département de sciences mathématiques et physique

Modifications:

ENG 1441 Introduction à la statique 3 cr 0.0
(Laboratoire requis) Statique des particules, corps rigides, équilibre des corps rigides, analyse de structures, forces réparties. On ne peut se faire créditer ENG 1441 et ENG 1440. Préalables: [(une note minimale de 60% dans Mathématiques 40S (pré-calcul)) ou (une note minimale de C dans MATH 0401, MATH 1018, ou MATH 1501 ou MATH 1230 ou MATH 1500 ou MATH 1510 ou MATH 1520 ou MATH 1690 ou MSKL 0100 ou l'ancien MATH 1680)] et [(une note minimale de 60% dans Physique 40S) ou (avoir réussi PHYS 0900 ou PSKL 0100) ou (une note minimale de C dans PHYS 1018, PHYS 1051 ou PHYS 1050)] et [(une note minimale de 60% dans

Chimie 40S) ou (avoir réussi CHEM 0900 ou CSKL 0100) ou (une note minimale de C dans CHEM 1018, CHEM 1101, CHEM 1100 (ou les anciens CHEM 1301 ou CHEM 1300))] ou l'équivalent.

MATH 1081 Principes fondamentaux du raisonnement mathématique 3 cr 0.0
(Laboratoire requis) La logique, le raisonnement, la résolution de problèmes, une introduction à la théorie des ensembles, l'induction mathématique, une introduction à la théorie des nombres, les bases de l'arithmétique et les algorithmes standard, l'utilisation des fractions et des fonctions. Ce cours est recommandé pour les étudiants qui aimeraient devenir enseignant au niveau élémentaire ou intermédiaire. Ce cours ne peut pas être reconnu aux fins d'un programme spécialisé, de majeur, général ou de mineur dans les sciences mathématiques. On ne peut se faire créditer MATH 1081 et MATH 1080. Préalable : un de Mathématiques 40S (pré-calcul) (50 %), l'ancien MATH 40S (300) (50 %), Mathématiques appliquées 40S (65%), MATH 0401, MATH 1018 (C+), ou MSKL 0100.

MATH 1211 Techniques d'algèbre classique et linéaire 3 cr 0.0
(Laboratoire requis) Introduire une variété de concepts algébriques pratiques et d'outils nécessaires pour l'étude du calcul et des mathématiques avancées de l'ingénieur. L'emphase est mise sur le développement d'une méthodologie et d'outils algébriques nécessaires pour la réussite d'études plus avancées dans les mathématiques de l'ingénieur. Ce cours s'adresse uniquement aux étudiants en génie et en géophysique. On ne peut se faire créditer MATH 1211 et MATH 1210, MATH 1201, MATH 1200, MATH 1301, MATH 1300, MATH 1310. Préalable: un de Mathématiques pré-calcul 40S (60 %), l'ancien Mathématiques 40S (300) (60 %), MATH 1018 (C+), MSKL 0100 (60 %), ou MATH 0401.

MATH 1241 Éléments de mathématiques discrètes 3 cr 0.0
(Laboratoire requis) Ce cours est destiné aux étudiantes et aux étudiants des disciplines riches en mathématiques. Introduction aux idées mathématiques, aux méthodes et techniques de démonstration et à l'écriture mathématiques, exploré à partir de sujets des mathématiques discrètes. On ne peut se faire créditer MATH 1241 et MATH 1240 (ou l'ancien MATH 3120). Préalable : [une note minimale de 60% en MATH 40S pré-calcul (ou l'ancien MATH 40S (300))] ou [MATH 0401, MATH 1018 (C+), ou MSKL 0100].

MATH 1301 Géométrie vectorielle et algèbre linéaire 3 cr 0.0
(Laboratoire requis) Introduction aux vecteurs, aux matrices, aux systèmes d'équations linéaires et à la géométrie à trois dimensions. On ne peut se faire créditer MATH 1301 et MATH 1211, MATH 1210, MATH 1220, MATH 1300 ou MATH 1310 (ou l'ancien MATH 1680). Préalable: un de Mathématiques Précalcul 40S (60 %), ou l'ancien Mathématiques 40S (300) (60 %), Mathématiques appliquées 40S (70 %), MATH 1018 (C+), MATH 0401, ou MSKL 0100.

MATH 1501 Introduction au calcul 3 cr 0.0
(Laboratoire requis) Différentiation et intégration des fonctions élémentaires avec application à la théorie des extrêmes, aux taux de changements ainsi qu'aux aires et aux volumes. On ne peut se faire créditer MATH 1501 et MATH 1230, MATH 1500, MATH 1510, MATH 1520 ou MATH 1690 (ou les anciens MATH 1530, MATH 1680). Préalable: un de Mathématiques Pré-calcul 40S (60 %), l'ancien Mathématiques 40S (300) (60 %), MATH 1018 (C+), MATH 0401, ou MSKL 0100.

PHYS 1021 Physique générale I 3 cr 0.0
(Laboratoire requis) Initiation à la physique ne requérant pas de calcul et traitant de certains thèmes tirés de la mécanique et de la thermodynamique avec des exemples tirés des sciences

biologiques et physiques. Ce cours, de même que le PHYS 1031, est particulièrement conseillé aux étudiants désireux d'avoir une vue d'ensemble de la physique ou qui ont l'intention d'entreprendre des études dans les sciences de la santé. Il peut aussi servir comme cours de base pour un programme de spécialisation en physique ("B+" ou mieux) ou de majeure en physique ("B" ou mieux). On ne peut se faire créditer PHYS 1021 et PHYS 1020, PHYS 1051, PHYS 1050, PHYS 1410 ou PHYS 1420. Préalables: [un de Physique 40S, PHYS 0900, PSKL 0100, PHYS 1018 ou l'équivalent] et [un de Mathématiques 40S (pré-calcul), Mathématiques appliquées 40S avec une note minimale de 70%, MATH 0401, MATH 1018, MSKL 0100 ou l'équivalent]. Il est fortement recommandé aux étudiants d'obtenir une note de 70% dans le cours Mathématiques 40S (pré-calcul) et de Physique 40S.

PHYS 1051 Physique I : La mécanique 3 cr 0.0
(Laboratoire requis) La mécanique est la science des fusées! Elle permet de décrire la trajectoire des objets en mouvement (cinématique) et de les expliquer (dynamique). Les concepts de base du calcul ainsi que les lois de la conservation du moment et de l'énergie sont utilisés pour développer les outils nécessaires à la description, à l'analyse et à la prédiction des mouvements linéaires ou en rotation dans les systèmes mécaniques simples. Une brève introduction à la théorie de la relativité restreinte d'Einstein offre un avant-goût des approches modernes. Ce cours est destiné particulièrement aux étudiants qui voudraient poursuivre leur programme d'études dans les sciences physiques ou en ingénierie. On ne peut se faire créditer PHYS 1051 et PHYS 1050, PHYS 1021, PHYS 1020, l'ancien PHYS 1410 ou l'ancien PHYS 1420. Préalables: [un de Physique 40S avec une note minimale de 60%, PHYS 0900, PSKL 0100, PHYS 1018 ou l'équivalent]. Préalables ou concomitants: [un de MATH 1230, MATH 1501, MATH 1500, MATH 1510, MATH 1520, l'ancien MATH 1530 ou MATH 1690].

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Modifications to the **Baccalauréat ès sciences général** are outlined on the next 6 pages:

Baccalauréat ès sciences général

1.0 À propos du Baccalauréat ès sciences

Le programme d'études au B.Sc. général initie l'étudiante ou l'étudiant à diverses disciplines scientifiques au niveau des cours d'introduction et lui permet ensuite d'approfondir ses connaissances en sciences biologiques ou dans deux disciplines scientifiques différentes (sciences biologiques, chimie, mathématiques ou microbiologie). Ce programme d'études assure une formation scientifique de base, tout en permettant d'approfondir certaines connaissances selon les intérêts de chacun.

Ce programme vise à former des généralistes et sert souvent de tremplin à une formation professionnelle spécifique. Il est fortement recommandé aux personnes qui voudraient se spécialiser en biochimie ou en microbiologie de s'inscrire au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.

2.0 Admission

Admission au Baccalauréat ès sciences général

Si on satisfait aux conditions d'admission directe on s'inscrit au Baccalauréat ès sciences général ou au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.

Si on satisfait aux conditions d'admission après Université 1 on transfère au Baccalauréat ès sciences général et on peut, par la suite, faire une demande d'admission au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie si toutes les conditions d'admission au programme sont satisfaites.

3.0 Exigences

3.1 Exigences du B.Sc. général

L'Université du Manitoba accordera le grade de Baccalauréat ès sciences (études générales) à toute étudiante ou à tout étudiant de l'USB qui aura obtenu 90 crédits (l'équivalent de 15 pleins cours) avec une note minimale de D dans chaque cours qui satisfait aux exigences du baccalauréat et une moyenne cumulative de 2,00 (moyenne de C).

Une étudiante ou un étudiant ne peut excéder 36 crédits de notes « F ».

Une étudiante ou un étudiant doit suivre un total de 90 crédits répartis de la façon suivante :

- a. 24 crédits de cours d'introduction en sciences. On doit choisir 18 crédits à partir de la liste de cours d'introduction du groupe A, soit 6 crédits dans trois disciplines différentes. De plus, on doit choisir 6 crédits additionnels qui peuvent être compris dans le groupe A ou le groupe B.
N. B. : Un maximum de 6 crédits peut être choisi dans une discipline pour obtenir les 24 crédits de cours d'introduction.

Groupe A

Astronomie	ASTR 1810 et ASTR 1830
Biologie	BIOL 1021* et BIOL 1031*
Chimie	6 crédits parmi : CHEM 1101*, CHEM 1111*, CHEM 1121*¥ (ou CHEM 1122 et CHEM 1126) ¹
Informatique	COMP 1011* (ou COMP 1013 ^{*2}) et COMP 1021*
Mathématiques	6 crédits parmi les suivants : MATH 1200 ² 3 crédits parmi MATH 1301 ^{*3} , MATH 1220 ³ (ou l'équivalent) (ou MATH 1211 ³) 3 crédits parmi : MATH 1501*, MATH 1230 (ou l'équivalent) 3 crédits parmi: MATH 1701*, MATH 1232 (ou l'équivalent) MATH 1241*
Microbiologie	MBIO 1011* et MBIO 2021*
Physique	PHYS 1021* ou PHYS 1051*; et PHYS 1031* ou PHYS 1071*
Statistiques	STAT 1001 ^{*4,5} (ou STAT 2220 ⁴) et STAT 2001 ^{*5} ; ou STAT 1150 ^{4,5} et STAT 2150 ⁵

* Offerts à l'USB

¥ CHEM 1101, CHEM 1111 et CHEM 1121 sont obligatoires pour ceux qui veulent prendre les cours de chimie de 2^e année ou plus.

Groupe B
BIOL 1411*
FORS 2000

Important :

1. CHEM 1122 et CHEM 1126 sont des cours destinés aux étudiantes et aux étudiants voulant s'orienter en ingénierie. On ne peut se faire créditer CHEM 1121 et (CHEM 1122 et CHEM 1126)
 2. COMP 1013 est un cours destiné aux étudiantes et aux étudiants voulant s'orienter en ingénierie. On ne peut se faire créditer COMP 1013 et COMP 1011.
 3. MATH 1211 est un cours destiné aux étudiantes et aux étudiants voulant s'orienter en ingénierie. On ne peut se faire créditer MATH 1211 et MATH 1200, MATH 1220 ou MATH 1301.
 4. STAT 2220 est un cours destiné aux étudiantes et aux étudiants voulant s'orienter en ingénierie. On ne peut se faire créditer STAT 2220 et STAT 1001 ou STAT 1150.
 5. Il est recommandé aux étudiantes et aux étudiants qui désirent suivre des cours avancés en sciences en statistiques ou en mathématiques de suivre STAT 1150 et STAT 2150 au lieu de STAT 1001 et STAT 2001. On ne peut se faire créditer [STAT 1001 et STAT 2001] et STAT 1150.
- b. 36 crédits de cours avancés (niveaux 2000, 3000 ou 4000) en sciences. On doit choisir 18 crédits dans deux disciplines différentes avec au moins 6 crédits de niveau 3000 ou 4000. À l'USB, on doit choisir deux des quatre disciplines suivantes : chimie, mathématiques, microbiologie ou sciences biologiques. Une étudiante ou un étudiant peut décider de suivre la totalité de ses 36 crédits de cours avancés en sciences biologiques tant que les cours spécifiques exigés sont complétés avec succès. Voir la section 3.2 pour la description des deux options.
- c. Un minimum de 12 crédits doit être obtenu hors de la Faculté des sciences (6 crédits de français + 6 autres crédits). Un maximum de 30 crédits peut être suivi hors de la Faculté des sciences et compter envers le B.Sc. général.
- d. 18 crédits facultatifs (choisis dans la Faculté des sciences ou dans d'autres facultés).

Note : Pour de plus amples renseignements, communiquer avec la vice-doyenne ou le vice-doyen de la Faculté des sciences (info_cours_sciences@ustboniface.ca).

3.2 Exigences du B.Sc. général - Détails et cheminements

Le cheminement présenté ci-après permet l'obtention du Baccalauréat ès sciences général en 3 ANS. Un cheminement différent prolongera la durée du programme d'études.

Il n'y a pas de concentrations mineures dans le programme de Baccalauréat ès sciences. Les mineures sont offertes uniquement à l'intérieur des programmes du Baccalauréat ès arts.

3.2.1 Cheminement général

Année 1 (ou Université 1)
30 crédits

- 24 crédits de cours d'introduction en sciences
- 6 crédits de français¹

Les cours suivants sont obligatoires pour être admis dans le programme Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie :

- BIOL 1021 (3) L (C) et BIOL 1031 (3) L
- CHEM 1101 (3), CHEM 1111 (3) (C+), CHEM 1121 (3) (C)
- MATH 1501 (3) L²
- PHYS 1021 (3) L ou PHYS 1051 (3) L et
- STAT 1001 (or STAT 1150),

(PHYS 1021 (3) L ou PHYS 1051 (3) L est aussi obligatoires pour certains programmes de médecine.)

Année 2 - 30 crédits/
Année 3 - 30 crédits

- 36 crédits de cours avancés en sciences (niveaux 2000, 3000 ou 4000)^{3,5}
- 18 crédits facultatifs⁴
- 6 crédits obtenus hors des sciences¹

Notes:

1. Un minimum de 12 crédits doit être obtenu hors de la Faculté des sciences (6 crédits de français + 6 autres crédits).

2. MATH 1230 ou MATH 1510 peut être suivi au lieu de MATH 1501; MATH 1232 ou MATH 1710 peut être suivi au lieu de MATH 1701.
3. Parmi les 36 crédits de cours avancés en sciences, il faut suivre un minimum de 6 crédits de niveaux 3000 ou 4000.
4. Les 18 crédits facultatifs peuvent être suivis à la Faculté des sciences ou dans d'autres facultés.
5. Un maximum de 42 crédits obtenus dans une seule discipline et un maximum de 60 crédits dans deux disciplines différentes.

En 2^e et 3^e années, il faut suivre 36 crédits de cours avancés en sciences (niveaux 2000, 3000 ou 4000) avec un minimum de 6 crédits de niveaux 3000 ou 4000. À l'Université de Saint-Boniface, on peut obtenir ses 36 crédits de cours avancés en sciences de deux façons :

1. en choisissant de suivre 18 crédits dans deux des quatre disciplines suivantes : chimie, mathématiques, microbiologie ou sciences biologiques,
2. en choisissant de suivre les 36 crédits de cours avancés en sciences biologiques tant que les cours spécifiques exigés sont complétés avec succès.

3.2.2 Cheminement par disciplines

À moins d'indication contraire explicite dans l'Annuaire, une note minimale de C est requise dans tout cours qui sert de préalable.

Chaque discipline a des exigences particulières qui peuvent se résumer ainsi :

3.2.2.1 Sciences biologiques

Année 1 (ou Université 1)

- BIOL 1021 (3) L
- BIOL 1031 (3) L

+ 18 crédits de cours d'introduction en sciences

Années 2 et 3

18 crédits en sciences biologiques de niveau 2000, 3000 ou 4000 (sujet à l'exigence de la Faculté qu'au moins 6 crédits parmi les 36 crédits de cours avancés en sciences soient de niveau 3000 ou 4000)

ou

On peut choisir de suivre ses 36 crédits en sciences biologiques, en respectant les exigences suivantes :

1. Cours obligatoires : BIOL 2301^{1,2}, BIOL 2501 et BIOL 2521
2. Deux des cours suivants : BIOL 2201¹, BIOL 2231¹, BIOL 2261¹, BIOL 2240, BIOL 2242, BIOL 2262 ou BIOL 2421
3. 21 crédits optionnels en sciences biologiques avec au moins 6 crédits de niveau 3000 ou 4000³

Notes:

1. Cours offerts en rotation; il faut les suivre l'année où ils sont offerts.
2. STAT 1001 est préalable ou concomitant à BIOL 2301.
3. Certains cours optionnels sont offerts en rotation tous les 2 ans; il faut les suivre l'année où ils sont offerts.

3.2.2.2 Chimie

Année 1 (ou Université 1)

- CHEM 1101 (3),
- CHEM 1111 (3) (C)¹,
- CHEM 1121 (3)^{1,2}
- BIOL 1021 (3) L¹
- BIOL 1031 (3) L

+ 12 crédits de cours d'introduction en sciences

Années 2 et 3

18 crédits en chimie de niveau 2000, 3000 ou 4000^{3,4} (sujet à l'exigence de la Faculté qu'au moins 6 crédits parmi les 36 crédits de cours avancés en sciences soient de niveau 3000 ou 4000). Sur les 18 crédits de chimie, il faut choisir un minimum de 6 crédits de laboratoire parmi les suivants : CHEM 2123 (3), CHEM 2521 (2), CHEM 2523 (1), CHEM 2721 (3), CHEM 3331 (3), CHEM 3120 (2), CHEM 3320 (2) et CHEM 3620 (2).

Notes:

1. Il faut obtenir un C+ dans CHEM 1111, un C dans CHEM 1121 et BIOL 1021 pour s'inscrire au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.
2. CHEM 1122 (1.5) et CHEM 1126 (1.5) peuvent être suivis au lieu de CHEM 1121. À noter que CHEM 1122 et CHEM 1126 sont disponibles seulement pour les étudiants en ingénierie.
3. Certains cours de chimie exigent d'autres préalables; il faut vérifier la description des cours.
4. Les cours suivants ne sont pas acceptés pour satisfaire les 18 crédits du département de chimie : CHEM 2240, l'ancien CHEM 2550 (ENVR 2550), CHEM 2560, CHEM 2730 (MBIO 2730), CHEM 2740, CHEM 2750 (MBIO 2750), l'ancien CHEM 2770 (l'ancien MBIO 2770), l'ancien CHEM 2780 (l'ancien MBIO 2780), CHEM 4711, CHEM 4980 et CHEM 4990.

(Les lettres entre parenthèses indiquent la note requise pour continuer. Les chiffres entre parenthèses indiquent le nombre d'heure crédits du cours/laboratoires.)

3.2.2.3 Microbiologie

Année 1 (ou Université 1)

- BIOL 1021 (3) L (C) ¹,
- BIOL 1031 (3) L (C),
- CHEM 1101 (3) (C),
- CHEM 1111 (3) (C) ¹,
- CHEM 1121 (3) (C) ^{1,2},

+ 12 crédits de cours d'introduction en sciences

Années 2 et 3

18 crédits en microbiologie de niveau 2000, 3000 ou 4000 (sujet à l'exigence de la Faculté qu'au moins 6 crédits parmi les 36 crédits de cours avancés en sciences soient de niveau 3000 ou 4000)

Cours recommandés en 2e année

- CHEM 2101 (3)
- CHEM 2111 (3)
- CHEM 2123 (3)
- CHEM / MBIO 2701 (3) ⁴
- CHEM / MBIO 2711 (3) ⁴
- CHEM / MBIO 2721 (3) ⁴
- MBIO 1011 (3) L (C) ³
- MBIO 2021 (3) L ³

Cours à suivre en 3e année

- 18 crédits en microbiologie^{4,5,6}

Notes:

1. Il faut obtenir un C+ dans CHEM 1111 pour s'inscrire au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.
2. CHEM 1122 (1.5) et CHEM 1126 (1.5) peuvent être suivis au lieu de CHEM 1121. À noter que CHEM 1122 et CHEM 1126 sont disponibles seulement pour les étudiants en ingénierie.
3. MBIO 1011 et MBIO 2021 comptent comme cours d'introduction.
4. Selon le parcours de l'étudiante ou de l'étudiant, il est possible de compter CHEM / MBIO 2701, CHEM/MBIO 2711 et CHEM / MBIO 2721 parmi les 18 crédits de cours avancés en microbiologie.
5. Certains cours de microbiologie exigent d'autres préalables; il faut vérifier la description des cours.
6. Les cours suivants ne sont pas acceptés pour satisfaire les 18 crédits du département de microbiologie : MBIO 2730, CHEM 2730, MBIO 2750 et CHEM 2750 (ou les anciens MBIO 2770, CHEM 2770, MBIO 2780, CHEM 2780).

(Les lettres entre parenthèses indiquent la note requise pour continuer. Les chiffres entre parenthèses indiquent le nombre d'heure crédits du cours/laboratoire.)

3.2.2.4 Mathématiques

Année 1 (ou Université 1)

- MATH 1241 (3) L ¹ (C)
- MATH 1301 (3) L ² (BC)
- MATH 1501 (3) L ³ (BC)
- MATH 1701 (3) L ⁴ (BC)

+ 18 crédits de cours d'introduction en sciences⁵

Années 2 et 3

18 crédits en mathématiques de niveau 2000, 3000 ou 4000 (sujet à l'exigence de la Faculté qu'au moins 6 crédits parmi les 36 crédits de cours avancés en sciences soient de niveau 3000 ou 4000)

Notes:

1. MATH 1200 (B) peut être suivi au lieu de MATH 1241 (C), mais ces cours ne sont pas équivalents, c'est-à-dire qu'il faut prendre en considération que MATH 1241 est un préalable pour certains cours de mathématiques de 2^e année pour lesquels MATH 1200 n'est pas reconnu comme préalable.
2. MATH 1220 (C) peut être suivi au lieu de MATH 1301 (BC).
3. MATH 1230 (C) ou MATH 1510 (B) peut être suivi au lieu de MATH 1501 (BC).
4. MATH 1232 (C) ou MATH 1710 (B) peut être suivi au lieu de MATH 1701 (BC).
5. Selon le parcours de l'étudiante ou de l'étudiant, une partie des 18 crédits de cours d'introduction en sciences peuvent être suivis après la première année.

Pour de plus amples renseignements, communiquer avec la vice-doyenne ou le vice-doyen de la Faculté des sciences (info_cours_sciences@ustboniface.ca)

3.3 Assiduité

Les absences non motivées à six cours d'une heure (quatre cours d'une heure et demie ou deux cours de trois heures) durant une session peuvent entraîner des sanctions. Ces sanctions sont à la discrétion de la professeure ou du professeur et doivent recevoir l'assentiment de la doyenne ou du doyen.

3.4 Seuil de rendement (conditions de poursuite des études)

Le rendement est évalué après les examens d'avril. On doit maintenir une moyenne cumulative minimale de 2,0 pour continuer dans un programme en sciences.

L'étudiante ou l'étudiant qui obtient 36 crédits de notes « F » ou plus est suspendu pendant une période d'un (1) an. Après cette période, il a deux choix :

1. poursuivre ses études à la Faculté des sciences. Toute autre note « F » se traduira par une suspension académique de deux (2) ans (après quoi, il est possible de faire une nouvelle demande d'admission à la Faculté des sciences et de reprendre sa formation du début, c'est-à-dire qu'aucun cours n'est crédité);
2. reprendre sa formation du début. Aucun crédit des cours réussis avant la suspension ne peut être compté envers l'obtention du diplôme.

Palmarès du doyen

Les étudiantes et les étudiants à la Faculté des sciences inscrits à un minimum de 12 crédits par session et qui obtiennent une moyenne pondérée de 3,75 ou plus seront inscrits au Palmarès du doyen.

3.5 Conditions d'obtention de diplôme

L'Université du Manitoba accordera le grade de Baccalauréat ès sciences (études générales) à toute étudiante ou à tout étudiant de l'USB qui aura obtenu :

1. 90 crédits (l'équivalent de 15 pleins cours) avec une note minimale de D dans chaque cours qui satisfait aux exigences du baccalauréat (à moins d'une indication contraire), dont :
 - 24 crédits de cours d'introduction en sciences
 - 36 crédits de cours avancés en sciences (niveaux 2000, 3000 ou 4000). Parmi les 36 crédits de cours avancés en sciences, il faut suivre un minimum de 6 crédits de niveaux 3000 ou 4000.
 - un minimum de 12 crédits doit être obtenu hors de la Faculté des sciences (6 crédits de français + 6 autres crédits) et
 - 18 crédits facultatifs (choisis dans la Faculté des sciences ou dans d'autres facultés)
2. une moyenne cumulative de 2,00 (moyenne de C).

Une étudiante ou un étudiant ne peut excéder 36 crédits de notes « F ».

Tout renseignement supplémentaire concernant les règlements ou les niveaux requis peut être obtenu en consultant [l'annuaire de l'Université du Manitoba](#) ou la doyenne ou le doyen de la Faculté.

3.6 Obtention d'un deuxième diplôme de premier cycle

Pour obtenir un B.Sc. après l'obtention d'un premier diplôme universitaire (B.A., B. Ed.), on doit :

- avoir dans son premier diplôme 30 crédits reconnus en sciences (avec une note minimale de C);

- obtenir 60 crédits supplémentaires en sciences.

Tout renseignement supplémentaire concernant les règlements ou les niveaux requis peut être obtenu en consultant l'annuaire de l'Université du Manitoba ou la doyenne ou le doyen de la Faculté.

Étudiante ou étudiant spécial – Une personne qui a déjà obtenu un premier diplôme avec une moyenne cumulative minimale de C dans un programme d'études d'une université reconnue pourra être admise en tant qu'étudiante ou étudiant spécial. Celle-ci pourra s'inscrire à un maximum de 12 crédits de cours en sciences durant la période d'inscription précédant l'année universitaire régulière. Toutefois, elle pourra ajouter 6 crédits durant la période officielle de révision des cours. L'étudiante ou l'étudiant spécial peut s'inscrire à des cours en sciences de deux façons :

- i. à un maximum de 6 crédits par année durant son programme d'études (à condition de ne pas dépasser le nombre d'essais permis);
- ii. en utilisant, durant la dernière année du programme, le nombre d'essais permis et non utilisés dans le programme d'études.

Dans les deux cas, les cours suivis en tant qu'étudiante ou étudiant spécial ne font pas partie du programme aux fins d'obtention du diplôme et ne sont pas comptabilisés dans la moyenne cumulative. Ils le seront, toutefois, dans la moyenne de l'année universitaire. Les cours identifiés « SS » (étudiante ou étudiant spécial) font partie des 30 crédits d'essais permis au-delà des 90 crédits requis pour compléter un programme général en sciences. Ces cours identifiés « SS » peuvent être suivis dans d'autres facultés ou écoles, lesquelles devront donner leur permission par écrit avant que la Faculté des sciences ne puisse autoriser l'inscription.

3.7 Exigences de séjour

On peut satisfaire à l'exigence minimale du nombre de cours qui doivent être suivis à l'USB ou à l'Université du Manitoba de deux façons : soit en suivant 48 crédits, soit en suivant les 30 derniers crédits. Les cours servant à satisfaire à l'exigence de séjour doivent être reconnus comme crédits en sciences. Il est à noter qu'on devra suivre un minimum d'un tiers des cours du programme à l'USB.

Modifications to the following programs are outlined on the next 5 pages:

- **Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie**
- **Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie, volet coopératif**

Baccalauréat ès sciences majeure conjointe en biochimie-microbiologie

1.0 À propos du Baccalauréat ès sciences majeure conjointe en biochimie-microbiologie

Le Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie prévoit des études plus approfondies en biochimie et en microbiologie. L'approfondissement des connaissances dans ces disciplines permet à la diplômée ou au diplômé de se qualifier pour une carrière liée à son champ d'études. De plus, ce programme permet d'accéder directement à des études de deuxième cycle.

2.0 Admission

Admission au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie, volet régulier.

Si on satisfait aux critères d'admission de la Faculté des sciences (directe ou après Université 1) on peut s'inscrire au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie. Selon le type d'admission, les exigences sont les suivantes:

A. EXIGENCES SUITE À L'ADMISSION DIRECTE

Pour les étudiantes et les étudiants qui ont satisfait aux critères d'admission directe et choisit le Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie, les conditions à satisfaire en 1re année pour demeurer dans le programme sont les suivantes :

1. obtenir une note minimale de C+ (2,5) dans le cours spécifié par le secteur, soit CHEM 1111 (Interaction, réactivité et propriétés chimiques);
2. Obtenir une note minimale de C (2,0) dans CHEM 1121 (Introduction aux techniques chimiques) et BIOL 1021 (Biologie I: Thèmes et principes)
3. compléter les cours d'introduction requis au programme de majeure conjointe, y compris:
 - o BIOL 1031 (Biologie II : Diversité biologique, fonction et interactions),
 - o CHEM 1101 (Structures atomiques et moléculaires, et énergie chimique),
 - o MATH 1501 (Introduction au calcul),
 - o STAT 1001 (Analyse statistique de base I),
 - o PHYS 1021 (Physique générale I) ou PHYS 1051 (Physique I : La mécanique);
4. obtenir une moyenne pondérée cumulative du programme (MPCP) d'au moins 2,00 (C) indépendamment du point d'entrée, et satisfaire aux conditions de poursuite des études (seuil de rendement).

B. EXIGENCES SUITE À L'ADMISSION APRÈS UNIVERSITÉ 1

Les étudiantes et les étudiants qui ont terminé Université 1 doivent transférer au Baccalauréat ès sciences général. Ils pourront par la suite faire une nouvelle demande d'admission au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.

Les conditions à satisfaire pour être admis au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet régulier sont les suivantes :

1. avoir complété 30 crédits à Université 1. Toutefois, sur recommandation du département, il est possible de faire une demande après avoir obtenu 24 crédits;
2. avoir obtenu une note minimale de C+ (2,5) dans le cours spécifié par le secteur, soit CHEM 1111 (Interaction, réactivité et propriétés chimiques);
3. Obtenir une note minimale de C (2,0) dans CHEM 1121 (Introduction aux techniques chimiques) et BIOL 1021 (Biologie I: Thèmes et principes)
4. avoir préférentiellement complété les cours d'introduction requis au programme de majeure conjointe, y compris :
 - o BIOL 1031 (Biologie II : Diversité biologique, fonction et interactions),
 - o CHEM 1101 (Structures atomiques et moléculaires, et énergie chimique),
 - o MATH 1501 (Introduction au calcul),
 - o STAT 1001 (Analyse statistique de base I),
 - o PHYS 1021 (Physique générale I) ou PHYS 1051 (Physique I : La mécanique);
5. avoir une moyenne pondérée cumulative du programme (MPCP) d'au moins 2,00 (C) indépendamment du point d'entrée, et satisfaire aux conditions de poursuite des études (seuil de rendement).

Une étudiante ou un étudiant qui aurait obtenu plus de 30 crédits est admissible au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet régulier et les crédits excédentaires qui satisfont aux exigences seront appliqués au programme de majeure conjointe.

Une étudiante ou un étudiant qui aurait obtenu plus de 48 crédits est admissible au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet coopératif et les crédits excédentaires qui satisfont aux exigences seront appliqués au programme de majeure conjointe. Voir les exigences d'admission au volet coopératif.

La demande d'admission s'effectue en ligne à partir du site du Registrariat.

3.0 Exigences

3.1 Exigences du B.Sc. avec majeure conjointe en biochimie-microbiologie, volet régulier

3.1.1 Organisation et structure

Le volet régulier du Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie comprend seulement des sessions académiques, par contre, un projet de recherche peut être réalisé dans sa dernière année du programme.

Plusieurs cours obligatoires du Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie sont offerts en rotation. Il est donc important de communiquer avec la vice-doyenne ou le vice-doyen de la Faculté des sciences (info_cours_sciences@ustboniface.ca) pour établir la liste et la séquence des cours à suivre.

Les cours requis dans le volet régulier sont les même que ceux du Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet coopératif.

3.1.2 Détails et cheminement

Pour faire le Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet régulier en 4 ANS, on doit suivre le cheminement présenté ci-dessous. Un cheminement différent implique l'ajout, au minimum, d'une année d'études au programme.

L'étudiante ou l'étudiant inscrit au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie peut déclarer une ou plusieurs mineures.

Année 1 (Université 1) – 30 crédits

- ⊖ BIOL 1021 (3) L (C) ^{1, 2, 3}
- ⊖ BIOL 1031 (3) L
- ⊖ CHEM 1101 (3)
- ⊖ CHEM 1111 (3) (C+)
- ⊖ CHEM 1121 (3) (C)
- ⊖ MATH 1501 (3) L ⁴
- ⊖ STAT 1001 (3) L
- ⊖ PHYS 1021 (3) L ou PHYS 1051 (3) L

+ 6 crédits de français

Année 2 – 30 crédits

- CHEM 2101 (3)
- CHEM 2111 (3)
- CHEM 2123 (3)
- CHEM/MBIO 2701 (3)
- CHEM/MBIO 2711 (3)
- CHEM 2721 (3)
- MBIO 1011 (3) L
- MBIO 2021 (3) L

+ 2 cours facultatifs (6 crédits) ^{5, 6}

Années 3 et 4 ⁷ – 60 crédits ⁷

- CHEM 2511 (3)
- CHEM 2521 (2)
- CHEM 3701 (3) ⁷
- CHEM 3761 (4)
- ~~CHEM 4361 (3) ²~~
- ~~CHEM 4621 (3) ²~~
- CHEM 4361 (3) ⁷ ou CHEM 4621 (3) ^{7, 8}
- CHEM 4631 (3) ⁷
- MBIO 3411 (3)

+1 cours parmi BIOL 2521 (3), MBIO 3451 (3), MBIO 3461 (3) L ou MBIO 4541 (3) ⁷ ou MBIO 4612 (3) ^{6, 9}

+ ~~6 cours optionnels (18 crédits)~~ **7 cours optionnels (21 crédits)** en chimie et en microbiologie^{3, 4, 10}, dont 6 crédits de niveau 4000

+ 5 cours facultatifs (15 crédits)^{5, 6}

Notes:

1. **La lettre « L » après un code de cours indique un cours avec un laboratoire.**
 2. À moins d'indication contraire explicite dans l'Annuaire, une note minimale de C est requise dans tout cours qui sert de préalable.
 3. **Les lettres entre parenthèses indiquent la note requise pour continuer. Les chiffres entre parenthèses indiquent le nombre d'heure crédits du cours/laboratoires.**
 - ~~1-4. MATH 1230 ou MATH 1510 peut être suivi au lieu de MATH 1501^{5, 6}.~~
 - ~~2. Plusieurs cours de la 3^e et de la 4^e année sont en rotation; il faut les suivre l'année où ils sont offerts.~~
 - ~~3-5. À l'exception de : COMP 1261, l'ancien COMP 1270, COMP 1500, COMP 1600, MATH 1010, MATH 1020 et MATH 1191.~~
 - ~~4. 18 crédits optionnels en chimie et en microbiologie, dont 6 crédits de niveau 4000 en microbiologie (il y a certaines restrictions).~~
 - ~~5-6. Les crédits facultatifs peuvent être choisis parmi la liste de cours acceptables en sciences ou à l'extérieur de la Faculté des sciences (il y a certaines restrictions).~~
 7. **Plusieurs cours de la 3^e et de la 4^e année sont en rotation; il faut les suivre l'année où ils sont offerts.**
 8. **Si l'étudiante ou l'étudiant suit CHEM 4361 ou CHEM 4621 dans le cadre des cours obligatoires prévus pour les années 3 et 4 du programme, il ou elle ne pourra compter ce même cours comme cours optionnel.**
 - ~~6-9. Ce cours n'est pas offert à l'USB.~~
 10. **21 crédits optionnels en chimie et en microbiologie, dont 6 crédits de niveau 4000 en microbiologie (il y a certaines restrictions).**
- ~~(Les lettres entre parenthèses indiquent la note requise pour continuer. Les chiffres entre parenthèses indiquent le nombre d'heure crédits du cours/laboratoires.)~~
- ~~La lettre « L » après un code de cours, indique un cours avec un laboratoire.~~

Pour la feuille de route du programme majeure conjointe, consulter la page du programme sur le site Web de l'USB.

Cours optionnels (21 crédits)

Liste des cours optionnels en chimie et en microbiologie offerts à l'USB (on doit suivre un cours parmi les suivants : MBIO 3451, MBIO 3461 ou MBIO 4541*).

- CHEM 2301 (3)
- CHEM 2601 (3) *
- CHEM 3331 (3)
- **CHEM 4361 (3) ***
- CHEM 4371 (3) *
- **CHEM 4621 (3) ***
- CHEM 4711 (6)
- MBIO 3011 (3)
- MBIO 3451 (3)
- MBIO 3461 (3) L
- MBIO 4021 (3)
- MBIO 4411 (3)
- MBIO 4531 (6)
- MBIO 4541 (3) *
- MBIO 4581 (3) *
- MBIO 4603 (3) *

* Cours en rotation; on doit les suivre l'année où ils sont offerts.

Cours facultatifs (21 crédits)

Les cours facultatifs peuvent être des cours de la Faculté des sciences, tels que ceux mentionnés ci-dessous, ou des cours dans d'autres facultés.

- BIOL 2201 (3) L*
- BIOL 2231 (6) L*
- BIOL 2261 (3) L*
- BIOL 2301 (3) L*
- BIOL 2381 (3) *
- BIOL 2411 (3)
- BIOL 2421 (3)
- BIOL 2501 (3) L
- BIOL 2521 (3)
- BIOL 3291 (3) *
- BIOL 3301 (3) L*
- BIOL 3501 (3) L*
- BIOL 3561 (3) L*
- STAT 2001 (3) L
- PHYS 1031 (3) L ou PHYS 1071 (3) L
- MATH 1701(3) L

* Cours en rotation; on doit les suivre l'année où ils sont offerts.

~~Note: À moins d'indication contraire explicite dans l'Annuaire, une note minimale de C est requise dans tout cours qui sert de préalable.~~

3.2 Assiduité

Les absences non motivées à six cours d'une heure (quatre cours d'une heure et demie ou deux cours de trois heures) durant une session peuvent entraîner des sanctions. Ces sanctions sont à la discrétion de la professeure ou du professeur et doivent recevoir l'assentiment de la doyenne ou du doyen.

3.3 Seuil de rendement (conditions de poursuite des études)

Une fois admis, l'étudiante ou l'étudiant doit répondre aux conditions suivantes pour demeurer inscrit dans le Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie - volet régulier, sinon, elle ou il devra se retirer :

1. maintenir une moyenne pondérée cumulative du programme (MPCP) de 2,00 (C) à chaque évaluation de rendement.
2. l'évaluation de rendement se fera après avoir obtenu 54 crédits et, par la suite, après la série d'examens de fin de session d'hiver (avril). Si on n'obtient pas la moyenne pondérée cumulative du programme (MPCP) de 2,00 (C), il faut se retirer du Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie.
3. cours échoués : si on échoue plus de 18 crédits après avoir été admis au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie, il faut se retirer du programme. Les cours échoués, s'ils sont requis au programme, doivent être repris. Un cours échoué et facultatif au programme pourra être remplacé par un autre cours facultatif avec l'autorisation du Département.

L'étudiante ou l'étudiant inscrit au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie peut déclarer une ou plusieurs mineures.

PALMARÈS DU DOYEN

Les étudiantes et les étudiants à la Faculté des sciences inscrits à un minimum de 12 crédits par session et qui obtiennent une moyenne pondérée de 3,75 ou plus seront inscrits au Palmarès du doyen.

3.4 Conditions d'obtention de diplôme

L'Université du Manitoba accordera le grade de Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie à toute étudiante ou à tout étudiant de l'USB qui aura obtenu :

1. 120 crédits avec une note minimale de C+ dans le cours CHEM 1111, une note minimale de C dans les cours propres à la majeure conjointe et une note minimale de D dans les autres cours du baccalauréat (à moins d'une indication contraire);
2. un minimum de 6 crédits (avec un maximum de 36 crédits) sont exigés hors des sciences;
3. une moyenne pondérée cumulative du programme (MPCP) de 2,00 (C); et

4. un maximum de 18 crédits de cours échoués après avoir été admis au Baccalauréat ès sciences avec majeure conjointe en biochimie-microbiologie. Les cours échoués, s'ils sont requis au programme, doivent être repris. Un cours facultatif au programme qui est échoué pourra être remplacé par un autre cours facultatif avec l'autorisation du Département.

Tout renseignement supplémentaire concernant les règlements ou les niveaux requis peut être obtenu en consultant l'annuaire de l'Université du Manitoba ou la doyenne ou le doyen de la Faculté.

3.5 Obtention d'un deuxième diplôme au premier cycle

Pour obtenir un B.Sc. après l'obtention d'un premier diplôme universitaire (B.A., B.Éd.), on doit :

- avoir dans son premier diplôme 30 crédits reconnus en sciences (avec une note minimale de C);
- obtenir 60 crédits supplémentaires en sciences.

Tout renseignement supplémentaire concernant les règlements ou les niveaux requis peut être obtenu en consultant l'annuaire de l'Université du Manitoba ou la doyenne ou le doyen de la Faculté.

3.6 Exigences de séjour

On doit suivre un minimum de 60 crédits en sciences (à l'USB ou à l'Université du Manitoba). Les cours utilisés pour satisfaire à cette exigence de séjour doivent être reconnus comme crédits en sciences.

3.7 Équivalence de crédits

Les personnes intéressées à effectuer une équivalence de crédits devront consulter la liste des cours et les règlements particuliers qui s'y appliquent. Le calendrier universitaire contient les dates limites d'inscription pour ces équivalences de crédits.

Cours et disciplines

À moins d'indication contraire explicite dans l'Annuaire, une note minimale de C est requise dans tout cours qui sert de préalable.

[En dessous du sous-titre « Cours et disciplines » et de l'entête « Descriptions de cours », juste avant le tableau des cours, ajouter cette note :]

NOTE

La mention « (Laboratoire requis) » au début d'une description de cours indique que ce cours combine l'apprentissage théorique en classe et l'apprentissage pratique en laboratoire. Il faut réussir les deux composantes pour obtenir les crédits du cours.

La mention « (Laboratoire autonome) » au début d'une description de cours indique que ce cours consiste en une série d'activités d'apprentissage pratique en laboratoire. Il faut réussir cette composante unique pour obtenir les crédits du cours.

École de travail social

Modifications:

SWRK 2113 L'analyse des politiques de bien-être social 3 cr 0.0

Étude de la politique de bien- être social en tant que produit fini d'idéologies. Introduction à quelques éléments de l'idéologie et comparaison des systèmes idéologiques concurrents. Analyse de l'interaction des visions économiques, politiques et ethniques de la société et de leurs manifestations en tant que réponses sociétales aux besoins humains et aux services sociaux. On ne peut se faire créditer SWRK 2113 et SWRK 1310 ou l'ancien SWRK 1311. Préalables: (SWRK 1313 ou SWRK 2110 ou l'ancien SWRK 2111) et (SWRK 3141 ou SWRK 3140).

SWRK 3151 Formation à la pratique du terrain 1 12 cr 0.0

Première expérience de formation pratique sur le terrain au cours de laquelle l'étudiant ou l'étudiante aura l'occasion d'assumer une responsabilité dans son engagement pour le travail social, la consultation, la planification, l'intervention, l'évaluation et l'application concrète de la théorie apprise en classe. Le premier stage comprend 459 heures, dont 420 heures de stages sur le terrain et 39 heures pour le séminaire d'intégration aux stages. Les heures requises sur le terrain sont calculées sur une base de 28 semaines, 2 jours par semaine, 7,5 heures par jour, pour un total de 420 heures. Ces heures comprennent la participation aux activités de stage et l'évaluation de la performance. Ces heures incluent aussi les réunions et les entrevues formatives avec la personne qui supervise le stage sur une base individuelle ou en groupe. Le séminaire d'intégration aux stages comprend 13 sessions obligatoires d'ateliers d'application d'habiletés de 3 heures chacune aux deux semaines pendant les deux semestres pour un total de 39 heures. Une note de réussite ou d'échec sera attribuée pour ce cours. On ne peut se faire créditer le SWRK 3151 et SWRK 3150, SWRK 3152, ou SWRK 3153. Préalables: [SWRK 1313 ou SWRK 2110 ou l'ancien SWRK 2111], [SWRK 2081 ou SWRK 2080], [SWRK 2093 ou SWRK 2090 ou l'ancien SWRK 2091], [SWRK 2043], [SWRK 3141, ou SWRK 3140] et FRAN 1091.

SWRK 3153 Formation à la pratique 1: Reconnaissance des acquis (RDA) 12 cr 0.0

La RDA (SWRK 3153) est un cours d'autoformation grâce auquel l'étudiante ou l'étudiant jugé admissible, aura l'occasion de démontrer des habiletés et des connaissances de base comme tous les étudiants doivent le faire lors de leur première formation (stage) pratique. Ils devront démontrer leurs connaissances de l'engagement, de l'évaluation des besoins ou de la problématique, du plan d'action, de l'intervention et de l'évaluation de l'intervention en service social ainsi que leur intégration des valeurs et de l'éthique et des cadres théoriques acquis par l'entremise des cours de base préalables. Les personnes admises et inscrites au cours SWRK 3153 en remplacement d'un premier stage pratique (SWRK 3151) devront réaliser tous les travaux du cahier de travail dans les délais prévus et communiquer avec l'évaluateur ou l'évaluatrice du cours de RDA lorsque des explications ou un soutien additionnel sont nécessaires. Si les travaux et les rapports sont exécutés, les étudiantes et étudiants seront ensuite évalués et obtiendront une note finale, soit "passage" ou "échec". On ne peut se faire créditer SWRK 3153 et SWRK 3151, SWRK 3150, ou SWRK 3152. Préalables: [SWRK 1311 ou SWRK 2110 ou l'ancien SWRK 2111], [SWRK 2081 ou SWRK 2080], [SWRK 2093 ou SWRK 2090 ou l'ancien SWRK 2091], [SWRK 2043], [SWRK 3141 ou SWRK 3140] et FRAN 1091.

NET CHANGE IN CREDIT HOURS: +0.0

Program modifications:

Modifications to the **Baccalauréat en travail social** are outlined on the next 4 pages.

3.0 Exigences

3.1 Exigences de crédits du programme

Le baccalauréat en travail social offert à l'USB est d'une durée de quatre ans et comprend un total de 123 crédits, soit :

- une première année propédeutique (Université 1) qui compte un minimum de 30 crédits;
- 75 crédits de cours obligatoires de spécialisation en travail social, comprenant les cours du tronc commun et des cours à option;
- et 18 crédits de cours au choix répartis sur les trois dernières années.

Il est possible de poursuivre des études au baccalauréat en travail social à temps partiel. Les exigences par rapport aux cours préalables et aux cours concomitants s'appliquent à tous les étudiants et étudiantes inscrits à l'École de travail social.

Parcours typique à temps plein

Le parcours typique d'une étudiante ou d'un étudiant à temps plein serait le suivant :

1^{re} année cours propédeutiques de Université 1 (30 crédits)

Crédits obligatoires (de 21 à 24 crédits) :

- 3 crédits de mathématiques;
- **6 crédits de cours de français parmi FRAN 1007, FRAN 1009, FRAN 1021, FRAN 1111, FRAN 1091, d'après son profil linguistique;**
- ~~6 crédits de cours de français d'après son profil linguistique (FRAN 1091 est obligatoire);~~
- PSYC 1211 (3);
- PSYC 1221 (3);
- ENGL 1071 **(3)** (si nécessaire);
- **SOC 1211 (3);**
- **SOC 1221 (3);**

Cours recommandé :

- SWRK 1313 (3) ~~(seul cours SWRK ouvert pour l'année propédeutique);~~

Crédits au choix :

et le reste des crédits en cours au choix dans une autre discipline

2^e année spécialisation en travail social (30 crédits)

Crédits obligatoires (de 21 à 27 crédits) ~~(21 à 24 crédits obligatoires):~~

- SWRK 1313 (3) (si ce n'est pas complété à U1);
- SWRK 2033 (3);
- SWRK 2043 (3);
- SWRK 2081 (3);

- SWRK 2093 (3);
- SWRK 2113 (3);
- SWRK 3103 (3);
- SWRK 3141 (3);
- **FRAN 1091 (3) (si ce n'est pas complété à U1)***

* FRAN 1091 est un préalable au cours SWRK 3151 ou SWRK 3153 et doit être complété dans les premiers 60 crédits du programme.

Crédits au choix :

Et le reste des crédits en cours au choix dans autre discipline

~~6 crédits de cours au choix (ou 9 crédits, si SWRK 1313 a été complété pendant Université 1).~~

**3^e année
spécialisation en travail
social (33 crédits)**

27 crédits obligatoires:

- SWRK 2053 (3);
- SWRK 2073 (3);
- SWRK 3131 (3);
- SWRK 3151 (12);
- SWRK 4213 (3);
- 3 crédits de cours à option.

6 crédits de cours au choix

**4^e année
spécialisation en travail
social
(30 crédits)**

24 crédits obligatoires:

- SWRK 4121 (12);
- SWRK 4221 (6);
- SWRK 4303 (3);
- 3 crédits de cours à option.

6 crédits de cours au choix

123 crédits au total

Le contenu pédagogique de ce programme d'études vise à fournir aux étudiants et aux étudiantes des connaissances théoriques et pratiques sur le système des services sociaux et des services de santé, entre autres, de même que sur les enjeux de l'intervention sociale dans différents contextes, tout en les incitant à préserver, en priorité, les intérêts des principaux bénéficiaires que sont les groupes, les familles ou les individus à risque.

Selon les places disponibles, qui prennent en compte les besoins pédagogiques particuliers de ces cours, une étudiante ou un étudiant admis à Université 1 peut s'inscrire au cours SWRK 1313.

3.2 Cours du tronc commun, cours à option et cours au choix

Après l'année propédeutique que représente Université 1, un total de 75 crédits de cours du tronc commun et de cours à option et un total de 18 crédits de cours au choix dans un autre programme ou faculté sont requis pour l'obtention du diplôme. Il est de la responsabilité de l'étudiant ou de l'étudiante de s'assurer de satisfaire à toutes les exigences du baccalauréat en travail social, notamment en ce qui concerne les préalables.

Cours du tronc commun de la deuxième année du B.T.S.

SWRK 1313	Émergence de l'État-providence canadien de bien-être social (3)
SWRK 2113	L'analyse de la politique de bien-être social (3)
SWRK 2081	Habiletés en communication interpersonnelle (3)
SWRK 2093	Travail social et comportement humain (3)
SWRK 3103	Méthodologie de la recherche en travail social (3)
SWRK 3141	Introduction à la pratique de travail social (3)
SWRK 2033	Travail social et santé mentale (3)
SWRK 2043	Travail social auprès des individus et familles (3)

Cours du tronc commun de la troisième année du B.T.S.

SWRK 3131	L'État canadien contemporain du bien-être social (3)
SWRK 3151	Formation à la pratique de terrain I (12)
SWRK 2053	Travail social auprès des communautés (3)
SWRK 2073	Travail social auprès des petits groupes (3)
SWRK 4213	Les perspectives féministes de la pratique du travail social (3)

Cours du tronc commun de la quatrième année du B.T.S.

SWRK 4121	Formation à la pratique du terrain II (12)
SWRK 4221	Peuple autochtone et pratique du travail social (6)
SWRK 4303	Champs d'intervention et de pratique du travail social (3)

Cours à option

SWRK 3153	Reconnaissance des acquis (12)
SWRK 2101	Perspectives sur les transitions de la vie et de l'individu (3)
SWRK 2651	Aspects sociaux du vieillissement (3)
SWRK 3111	Perspectives sur la déviance (3)
SWRK 4051	Sujets spéciaux (3)
SWRK 4071	Problèmes sociaux et pratique du travail social (3)
SWRK 4081	Enjeux actuels en bien-être social (3)
SWRK 4131	Habiletés en communication interpersonnelle avancée (3)

Cours au choix

Afin de répondre à l'exigence **d'un maximum de 18 crédits** de cours au choix, il est obligatoire de choisir d'autres cours universitaires de différents programmes ou d'autres facultés. Il est fortement recommandé de choisir au sein de la liste ci-dessous.

ANTH 2041	Les Amérindiens de l'Amérique du Nord : une étude socioculturelle (3)
ANTH 2071	Religions amérindiennes et inuites (3)
ENGL 1081	Advanced English Practices (3) ¹
ENGL 2001	Intermediate Writing and Research (6)
PHIL 1291	Pensée critique (3)
PHIL 1401	Introduction à l'éthique (3)
POLS 1503	Introduction à la politique I (3)
POLS 1505	Introduction à la politique II (3)
POLS 3181	Droits humains dans le système mondial (3)
PSYC 2291	Le développement de l'enfant (3)
PSYC 2531	Psychologie de la personnalité (3)
PSYC 3311	Le développement de l'adolescent (3)
SOC 1221	Introduction à la macrosociologie (3)
SOC 2311	Choix de problèmes sociaux (3)
SOC 2461	La famille (3)
SOC 3371	Sociologie du travail (3)
SOC 3871	Inégalités sociales (3)

Note :

1. Il est fortement recommandé de prendre ENGL 1081 avant ENGL 2001.

Report of the Senate Committee on Admissions concerning a proposal from the Price Faculty of Engineering to modify the list of courses used for admission in the Preliminary Engineering Program (2022.02.22)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Price Faculty of Engineering is proposing a modification to the list of required courses used for admission in the Preliminary Engineering Program. The proposed change is to add a footnote to clarify that MATH 1524 is not an acceptable equivalent to MATH 1510 on the list of courses required to be considered for admission.
3. The proposal was approved by Faculty Council on January 27th, 2022, and was endorsed by SCADM on February 22nd, 2022.

Observations:

1. The Preliminary Engineering Program requires separate introductory calculus and linear algebra courses on the list of courses that is used for admission into the five engineering programs.
2. The Department of Mathematics is introducing MATH 1524 which is described as approximately 80% single-variable calculus and 20% linear algebra. Normally MATH 1524 would be accepted as an equivalent to MATH 1510.
3. The Department of Mathematics was consulted and has no concerns with the exclusion of the equivalency in this instance.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the list of courses used for admission in the Preliminary Engineering Program be approved effective for the fall 2023 intake.

Respectfully submitted
Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

Report of the Senate Committee on Curriculum and Course Changes RE: Modification of the Preliminary Engineering Program

Preamble

1. The [terms of reference](#) for the Senate Committee on Curriculum and Course Changes (SCCCC) are available on the University Governance website. The SCCCC is “to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses.”
2. At its meeting on March 9, 2022, the SCCCC considered a proposal from the Price Faculty of Engineering to modify the curriculum of the Preliminary Engineering Program.
3. The Senate Committee on Admissions considered a proposal with corresponding changes to the admission requirements at its meeting on February 22, 2022.
4. Proposed changes to the curriculum and to the admission requirements (advanced entry), which follow from the curriculum changes, will take effect for the 2023 Fall Term/intake.

Observations

1. The Committee considered a proposal from the Price Faculty of Engineering to modify the Preliminary Engineering Program, as set out in the attachment to the Report. Specifically, the Faculty will add a note to the requirement for MATH 1510 Applied Calculus 1, to communicate to students that MATH 1524 Mathematics for Management and Social Sciences is not an acceptable equivalent to MATH 1510.
2. The Department of Mathematics is proposing to introduce MATH 1524, effective for the 2023 Fall Term. The course will primarily cover single-variable calculus but will also include content (about 20 percent) on linear algebra. Students in B.Sc. in Engineering degrees will require the full range of calculus topics covered in MATH 1510 as preparation for courses in subsequent years of their programs.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate approve modifications to the curriculum of the Preliminary Engineering Program, Faculty of Engineering, effective 2023 Fall Term.

Respectfully submitted,

Professor Greg Smith, Chair
Senate Committee on Curriculum and Course Changes

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

CourseLeaf Reference:

<https://catalog.umanitoba.ca/undergraduate-studies/engineering/preliminary-engineering-program/>

Proposed Calendar Changes

Preliminary Engineering Program

Campus Address/General Office: E1-262 EITC

Telephone: (204) 474 9807

Email Address: eng_info@umanitoba.ca

Website: umanitoba.ca/engineering

The Preliminary Engineering Program is common to all programs in engineering. Students must complete a minimum of eight courses (excluding CHEM 1122) to be eligible to apply to one of the five degree granting engineering programs. A student must complete the following list of 13 courses as part of their engineering program in order to graduate with a BSc degree in engineering.

Course No.		Credit Hours
CHEM 1100	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics (Note 1)	3
CHEM 1122	Introduction to Chemistry Techniques for Engineering 1 ¹	1.5
COMP 1012	Computer Programming for Scientists and Engineers	3
ENG 1430	Design in Engineering	3
ENG 1440	Introduction to Statics	3
ENG 1450	Introduction to Electrical and Computer Engineering	3
ENG 1460	Introduction to Thermal Sciences	3
MATH 1210	Techniques of Classical and Linear Algebra ²	3
MATH 1510	Applied Calculus 1 or equivalent ³	3
MATH 1710	Applied Calculus 2 or equivalent ³	3
PHIL 1290	Critical Thinking ⁴	3
PHYS 1050	Physics 1: Mechanics	3
	Written English Course ^{5, 6}	3

1 The former CHEM 1300 may be used in lieu of the combination of CHEM 1100 and CHEM 1122.

2 MATH 1300 is not an acceptable equivalent to MATH 1210.

3 Students intending to obtain a degree in Engineering are strongly advised to complete MATH 1510 and MATH 1710. However, MATH 1500 or MATH 1230 may be taken in lieu of MATH 1510; MATH 1700 or MATH 1232 may be taken in lieu of MATH 1710. MATH 1690 fulfills the requirement of both MATH 1510 and MATH 1710. **MATH 1524 is not an acceptable equivalent to MATH 1510.**

- 4 PHIL 1290 Critical Thinking is the recommended complementary studies elective. Students may; however, select any course from the Faculties of Arts or Management (Asper School of Business) at the 1000 level or above, except for ARTS 1110 Introduction to University.
- 5 Course selected from the list of approved Written English Courses for Engineering students.
- 6 Three credit hours are required to satisfy the written English course requirement. Should a student complete a six credit hour course, the additional three credit hours may be used to satisfy general complementary studies requirements within a student's program.
- 7 Equivalent courses offered through Université de Saint-Boniface may be used to satisfy program requirements.

Report of the Senate Committee on Curriculum and Course Changes RE: Request for Extension and Revisions to Articulation Agreement, University of Manitoba, Bachelor of Commerce (Honours) – Red River College Polytechnic, Diploma in Business Administration

Preamble

1. The [terms of reference](#) for the Senate Committee on Curriculum and Course Changes (SCCCC) are available on the University Governance website. The SCCCC is “to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses.”
2. At its meeting on March 25, 2022, the SCCCC considered a request from the I.H. Asper School of Business (Faculty of Management), to extend an existing Articulation Agreement between the University of Manitoba (UM) and Red River College Polytechnic (RRC Polytech) concerning advanced standing for graduates of the Diploma in Business Administration, in the Bachelor of Commerce (Honours). The Articulation Agreement was last renewed for a five-year term that will end on August 31, 2022 (Senate, March 1, 2017).
3. The proposal was endorsed by the Faculty Council of the Faculty of Management at its meeting on March 4, 2022.
4. The proposal was also considered by the Senate Committee on Admissions at its meeting on March 22, 2022.

Observations

1. The objective for the Articulation Agreement is to provide another pathway for graduates of the Dip. in Business Administration at RRC Polytech to complete a four-year B.Comm.(Hons.) degree at the University. By increasing mobility between the two institutions, the agreement also contributes to a provincial strategy to increase transferability of credits and mobility of students between postsecondary institutions.
2. Since the Articulation Agreement was last renewed, the courses and curriculum for the Dip. in Business Administration were revised, effective for the Fall 2020. This necessitates changes to the course-mapping that sets out specific courses completed at RRC Polytech for which students can receive transfer credit toward the B.Comm.(Hons.) degree at the UM. At its meeting on March 25th, the SCCCC received and reviewed a revised course mapping together with course outlines for the RRC Polytech courses.
3. The SCCCC received a copy of correspondence from Dean Kirk Johnson, Business, Information Technology & Creative Arts, RRC Polytech (dated March 1, 2022), expressing support for the extension to the Articulation Agreement, as proposed by the Faculty of Management.
4. The Faculty of Management is considering significant changes to the courses and curriculum for the B.Comm.(Hons.) degree, which it anticipates will be implemented for the 2023 Fall Term. For this reason, the Faculty is requesting only a one-year extension to the Articulation Agreement with RRC Polytech.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate approve the Report of the Senate Committee on Curriculum and Course Changes concerning a one-year extension and revisions to the Articulation Agreement between the University of Manitoba and Red River College Polytechnic for advanced standing for graduates of the Diploma in Business Administration in the Bachelor of Commerce (Honours) degree, effective upon Senate approval.

Respectfully submitted,

Professor Greg Smith, Chair

Senate Committee on Curriculum and Course Changes

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

Report of the Senate Committee on Admissions concerning a proposal from the Asper School of Business to extend an articulation agreement with RRC Polytech (2022.03.22)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Asper School of Business is proposing a one-year extension of an articulation agreement with RRC Polytech. Given the new business curriculum at RRC Polytech, the proposal involves the creation of a modified course-mapping to ensure that students would be eligible for admission in the fall of 2022.
3. The proposal was approved by Faculty Council on March 4th, 2022 and was endorsed by SCADM on March 22nd, 2022.

Observations:

1. RRC Polytech has a new business curriculum which means the existing course-mapping is outdated.
2. The Asper School of Business is working on a new curriculum which will likely become effective for the fall of 2023. A new pathway for all Manitoba Colleges will be considered as part of the curriculum re-development.
3. On average, 30 students per year enter the Asper School via this articulation agreement

Recommendation:

The Senate Committee on Admissions recommends that the proposal to extend the articulation agreement with RRC Polytech be approved and be in effect upon approval by Senate.

Respectfully submitted
Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

RED RIVER COLLEGE POLYTECHNIC ARTICULATION AGREEMENT: ONE-YEAR EXTENSION PROPOSAL (FALL 2022 ADMISSION INTAKE ONLY)

The 5-year articulation agreement between Red River College Polytechnic (RRC Polytech) and Asper School of Business expired with the fifth admission intake in 2021. RRC Polytech students have been a good addition to the Asper undergraduate student body and have succeeded in the Asper School's BComm (Hons) program. The Asper School of Business would like to offer RRC Polytech a one-year extension to the existing articulation agreement.

RRC Polytech implemented a new curriculum starting in Fall 2020. With the new curriculum, RRC Polytech students would not have the courses to meet the entry requirements as per the existing articulation agreement. Therefore, the Asper School would like to revise the current entry requirements for only this one-year extension, i.e., Fall 2022 admission intake only. If approved by the University of Manitoba Senate, applicants satisfying the below specified minimum entry requirements will be eligible for consideration.

1. Students must have completed the 2-year Business Administration Diploma at RRC Polytech within the past 5 years. Exceptions to this 5-year time limit may be considered on a case-by-case basis.
2. Students must achieve a minimum grade point average of 3.00 and meet the Asper School's annually established Track 1 admissions grade point average cutoff to be eligible for admission to the BComm (Hons) program.
3. A maximum of 54 credit hours from RRC Polytech can be transferred. Courses completed as part of the Business Administration diploma will be evaluated on a course-by-course basis for advanced standing. There is no guarantee as to how many credits will be transferred, as that will vary based on courses completed by each applicant at RRC Polytech and whether those are equivalent to Asper's courses.
4. Courses must be completed within the past 10 years to be considered for transfer credit.
5. Up to 50 qualifying RRC Polytech students will be admitted to the BComm (Hons) program. Of the 50, twenty seats will be reserved for students from the Accounting major at RRC Polytech.
6. In the event there are less than 20 eligible applicants from the Accounting Major, the seats can be filled by other RRC Polytech applicants. However, if there are more than 20 eligible applicants with an Accounting Major, they will compete with all other Majors for the remaining seats allotted to RRC Polytech applicants.
7. The requirement in the expired agreement "Students must present a minimum grade of C in ECON 1022, ECON 2000, MATH 1020, and COMP 1975" is being waived, recognizing that applicants will not have some of these courses under the new RRC Polytech business curriculum. Those students who have not completed ECON 1022 (UofM ECON 1010), ECON 2000 (UofM ECON 1020), or MATH 1020 (UofM STAT 1000) will be required to complete them at the University of Manitoba, as these are required courses for the Asper BComm (Hons) degree.
8. All applicants whose primary language is not English and do not qualify for a waiver under the University of Manitoba's English language proficiency regulations will be required to demonstrate proficiency in English through one of the approved options listed on the University

of Manitoba Admissions website:

<http://umanitoba.ca/admissions/undergraduate/requirements/english-language-proficiency>

9. Meeting the minimum eligibility or entrance requirements does not guarantee admission as selection is competitive.

Notes:

- i. This one-year extension proposal is subject to all University of Manitoba internal approvals, including Senate.
- ii. In the following pages, the new RRC Polytech business curriculum and its course equivalents at the University of Manitoba are provided. These are based on detailed course equivalence assessments and are subject to UofM Senate approval. With the Asper School potentially having a new BComm (Hons) curriculum in place for Fall 2023, this proposed course-mapping will not be possible past Fall 2022.
- iii. For Fall 2023 and subsequent years, the Asper School plans to develop a new admissions pathway for MB colleges in consultation with the colleges concerned.

ARTICULATION AGREEMENT COURSE MAPPING							
Partner Institution: RRC Polytech Business Administration Diploma				UM Program: Asper School of Business BComm (Hons)			
Transfer Type ¹	Course Name	Min. Grade	Course Outline (Y/N)	Course No.	Course Name	Cr. Hrs.	Course Type ²
C	ACCT 1071 Accounting Fundamentals & ACCT 2071 Financial Accounting (together)	D (minimum C+ required for Accounting major)	Y	ACC 1100	Introductory Financial Accounting	3	R
C	ACCT 1079 Tax Fundamentals	D	Y	ACC 3080	Canadian Income Taxation	3	O
C	ACCT 2014 Management Information Systems	D	Y	MIS 2000	Information Systems for Management	3	R
C	ACCT 3070 Intermediate Accounting 1	D (minimum C is required for Accounting major)	Y	ACC 2010	Intermediate Accounting - Assets	3	O*
C	ACCT 4070 Intermediate Accounting 2	D (minimum C is required for Accounting major)	Y	ACC 2020	Intermediate Accounting - Equities	3	O*
C	ACCT 4071 Cost Accounting	D (minimum C+ is required for Accounting major)	Y	ACC 1110	Introductory Managerial Accounting	3	R
C	ADMN 1017 Introduction to International Business	D	Y	INTB 2200	International Management	3	R
C	ADMN 2056 Entrepreneurship	D	Y	ENTR 2030	Introduction to Entrepreneurship: Business and Social Perspectives	3	R

Partner Institution: RRC Polytech Business Administration Diploma				UM Program: Asper School of Business BComm (Hons)			
Transfer Type ¹	Course Name	Min. Grade	Course Outline (Y/N)	Course No.	Course Name	Cr. Hrs.	Course Type ²
U	ADMN 2057 Topics in Global Business	D	Y	GMGT 2XXX		3	O
C	ADMN 2058 Organizational Behaviour	D	Y	GMGT 2070	Introduction to Organizational Behaviour	3	R
C	COMM 1173 Communication Strategies & COMM 2174 Communication for Business (together)	D	Y	GMGT 2010	Business Communications	3	R
U	COMM 3064 Human Resources Communications	D	Y	HRIR 3XXX		3	O
C	COMP 1255 Business Applications	D	Y	COMP 1500 & COMP 1600	Computing: Ideas and Innovation & Navigating Your Digital World	3 & 3	E
C	ECON 1011 Economics	D	Y	ECON 1020	Introduction to Macroeconomic Principles	3	R
C	FNCE 1011 Fundamentals of Insurance & FNCE 1016 Personal Finance & FNCE 1021 Financial Services Selling 1 & FNCE 3013 Canadian Investment Funds (together) OR FNCE 2121 Personal Financial Planning	D	Y	FIN 3270	Personal Financial Planning	3	O
C	HUMR 1064 Human Resource Management	D	Y	HRIR 2440	Human Resource Management	3	R
U	HUMR 2066 Training and Development	D	Y	HRIR 2XXX		3	O

Partner Institution: RRC Polytech Business Administration Diploma				UM Program: Asper School of Business BComm (Hons)			
Transfer Type ¹	Course Name	Min. Grade	Course Outline (Y/N)	Course No.	Course Name	Cr. Hrs.	Course Type ²
C	HUMR 2069 Labour Relations	D	Y	HRIR 3450	Labour and Employment Relations	3	O*
C	HUMR-2065 Recruitment and Selection	D	Y	HRIR 4410	Staffing and Management Development	3	O*
C	MGMT 1093 Conflict Resolution	D	Y	LEAD 3010	Negotiation and Conflict Management	3	O*
C	MGMT 2024 Operations and Process Management	D	Y	SCM 2160	Supply Chain and Operations Management	3	R
C	MRKT 1017 Marketing Foundations	D	Y	MKT 2210	Fundamentals of Marketing	3	R
C	MRKT 1045 Digital Marketing 1 & MRKT 2045 Digital Marketing 2 (together)	D	Y	MKT 3248	Digital Marketing	3	O
C	MRKT 2017 Consumer Behaviour	D	Y	MKT 3230	Consumer Behaviour	3	O*
C	MRKT 3019 Marketing Strategy	D	Y	MKT 4210	Marketing Management	3	O*
U	SAFE 2020 Workplace Health and Safety	D	Y	LABR 2XXX		1.5	E
<p>¹. Indicates how the course will be transferred to the UM program - C = Equivalent Course Credit; U = Unallocated Credit; B = Block Credit. Where multiple transfer types exist, list courses in order of equivalent, unallocated, and block.</p> <p>². R indicates the course is required/core for the degree, O* is a course required for one of the Asper BComm majors, but can be used as a business option if not pursuing that major, O is a business option and not required for any Asper major, and E can be used as a non-business elective in the UM program.</p>							

Report of the Senate Committee on Admissions concerning a proposal from the Dr. Gerald Niznick College of Dentistry and School of Dental Hygiene to modify the admission requirements for the Diploma in Dental Hygiene program (2022.04.19)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The School of Dental Hygiene is proposing a modification to the advanced entry admission requirements for the Diploma in Dental Hygiene program. The change would involve the reduction of the number of elective courses required for applicants presenting University of Manitoba courses for admission.
3. The proposal was approved by the Dental College Council on February 18th, 2022 and was endorsed by SCADM on April 19th, 2022.

Observations:

1. Currently advanced entry applicants from the University of Manitoba are required to present 33 credit hours to be eligible for admission. Applicants from other institutions are required to present 30 credit hours to be eligible. The current situation can be attributed to some recent changes in the Department Chemistry and how their courses are structured.
2. The reduction of required electives from 6 credit hours to 3 credit hours for applicants who are presenting University of Manitoba courses will ensure that all applicants are required to present a total of 30 credit hours to be eligible for admission.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the admission requirements for the Diploma in Dental Hygiene program be approved effective for the fall 2023 intake.

Respectfully submitted
Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



Proposals for SCADM Consideration Re: Advanced Entry Diploma in Dental Hygiene Electives

From the Committee for Selection in Dental Hygiene, Dr. Gerald Niznick College of Dentistry

Section I

Description of the change:

The request submitted is to have the required number of elective courses reduced from six credit hours to three credit hours for those University of Manitoba students who have completed the new nine credit hours Chemistry equivalent.

Current Requirements:

Currently all Advanced Entry applicants to the Diploma in Dental Hygiene program must complete a minimum of 30 credit hours of university level course work at a post-secondary institution in North America. Six credit hours of the required 30 credit hours must be elective courses.

See Required Current Course table below:

CORE COURSES			
	UNIVERSITY OF MANITOBA	UNIVERSITY OF WINNIPEG	BRANDON UNIVERSITY
Introductory Chemistry	CHEM 1100 and 1110 and 1120 ¹	CHEM 1111/3 and CHEM 1112/3	CHEM 18.121 or 18.160 and 18.170
Anatomy and Physiology of the Human Body	BIOL 1410 and 1412	BIOL 1112/6	ZOOL 94.123 or BIOL 15.171 and BIOL 15.172
Introductory Psychology	PSYC 1200	PSYC 1000/6	PSYC 82.160 and 82.161
Statistics	STAT 1000	STAT 1501	STAT 62.171
English	Any ENGL at the 1000 level or higher	Any ENGL at the 1000 level or higher	Any ENGL at the 1000 level or higher
OTHER COURSES			
Electives	Two half year courses (6 credit hours). No specific courses are required. ²		

¹ The former CHEM 1300 and CHEM 1310 in combination can be used in lieu of CHEM 1100 and 1110 and 1120. Students having completed only CHEM 1300 must complete CHEM 1110 and 1120 to fulfill the Introductory Chemistry requirement.

² It is recommended that applicants take 3 credit hours of Introduction to Sociology as their elective. (University of Manitoba SOC 100; University of Winnipeg SOC 1100; Brandon University 90.154)

Rationale for change:

Prior to Fall 2021 intake, Advanced Entry candidates were required to complete Chemistry 1300 and 1310 (six credit hours). However, when in 2021, the University of Manitoba Chemistry courses changed from six credit hour courses to three credit hour courses, it impacted the Chemistry requirements for the Diploma in Dental Hygiene. Hence, in April 2021, the School of Dental Hygiene Committee on Selections and Dental College Council approved a proposal to require CHEM 1100 (three credit hours), CHEM 1110 (three credit hours), CHEM 1120 (three credit hours) effective for the Fall 2022 admission intake. Hence, Advanced Entry students studying at the University of Manitoba, to meet the prerequisite chemistry requirements need to complete Chemistry 1100, 1110 and 1120, totalling nine credit hours versus the six previous ones. The change added an additional three credit hours to those students studying at the University of Manitoba. This meant that University of Manitoba students need to complete a total of 33 credit hours of required courses while external applicants are required to complete only 30 credit hours. This may create a delay in applying for Advanced Entry candidates at the University of Manitoba which ultimately may impact the number of applicants in any given year.

External applicants will still meet the Chemistry requirement with six credit hours.

Proposed requirements:

We are proposing for Fall 2023 that the required number of elective credit hours for University of Manitoba candidates be changed from six to three credit hours for Advanced Entry applicants to the Diploma in Dental Hygiene who have completed nine credit hours Chemistry requirement (Chem 1100, 1110, 1120) at the University of Manitoba.

Required Courses	University of Manitoba	Credit Hours
Introductory Chemistry	CHEM 1300/1300 OR CHEM 1100/1110/1120	6 or 9*
Anatomy and Physiology of Human Body	BIOL 1410 and 1412	6
Introductory Psychology	PSYC 1200	6
Statistics	STAT 1000	3
English	Any ENGL at the 1000 level or higher	3
Other Courses		
Electives		6 or 3*
Total Required		30
*Applicants who complete 6 credit hours of acceptable Chemistry will be required to complete 6 credit hours of Electives. Applicants who complete 9 credit hours of acceptable Chemistry will be required to complete 3 credit hours of electives.		

Section II: Consultation with other faculties

Nonapplicable.

Section III: Recommendation

That SCADM approve for Fall 2023 that the required number of elective credit hours, be changed from six credit hours to three credit hours for Advanced Entry applicants to the Diploma in Dental Hygiene who have completed the nine credit hours Chemistry requirement (Chem 1100, 1110, 1120) at the University of Manitoba to allow all candidates to be evaluated equally.

Report of the Senate Committee on Admissions concerning a proposal from the College of Nursing to modify the admission requirements for the Bachelor of Midwifery degree program (2022.03.22)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The College of Nursing is proposing a modification to the admission requirements for the Bachelor of Nursing degree program. The proposal involves changing the prefix of Indigenous Studies courses from NATV to INDG.
3. The proposal was approved by the College of Nursing Council on January 27th, 2022 and was endorsed by SCADM on March 22nd, 2022.

Observations:

1. The Department of Native Studies is changing their name to the Department of Indigenous Studies. This proposal acknowledges this change and ensures that courses being used for admission to Midwifery are recognized.
2. Three courses are impacted by this change.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the admission requirements for the Bachelor of Midwifery degree program be approved and be in effect upon approval by Senate.

Respectfully submitted

Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



SUMMARY SHEET

College of Nursing, Rady Faculty of Health Sciences Bachelor of Midwifery Program

Modification:

The Department of Native Studies is changing their name to Indigenous Studies. As such, the prefix of Native Studies courses will all change from NATV to INDG.

The following courses will change the prefix from NATV to INDG as follows:

1. "NATV 1200 Indigenous Peoples in Canada" will be changed to "INDG 1200 Indigenous Peoples in Canada"
2. "NATV 1220 Indigenous Peoples in Canada, Part 1" will be changed to "INDG 1220 Indigenous Peoples in Canada, Part 1"
3. "NATV 1240 Indigenous Peoples in Canada, Part 2" will be changed to "INDG 1240 Indigenous Peoples in Canada, Part 2"

Section I – Description of the change

The Bachelor of Midwifery program in the College of Nursing is proposing the following amendment to the existing admissions policy:

The prefix for some of the courses in year 1 of the midwifery program will need to be changed from NATV to INDG.

Include any relevant contextual and background information

The recommendation for the revised admissions policy reflects the Department of Native Studies name change to Indigenous Studies, so the prefix of NATV studies courses will all now change from NATV to INDG.

Current Requirement

NATV 1200 Indigenous Peoples in Canada OR

NATV 1220 Indigenous Peoples in Canada, Part 1

NATV 1240 Indigenous Peoples in Canada, Part 2

Proposed Requirement

The following midwifery program Year 1 courses will need name changes:

“NATV 1200 Indigenous Peoples in Canada” will be changed to “INDG 1200 Indigenous Peoples in Canada”

“NATV 1220 Indigenous Peoples in Canada, Part 1” will be changed to “INDG 1220 Indigenous Peoples in Canada, Part 1”

“NATV 1240 Indigenous Peoples in Canada, Part 2” will be changed to “INDG 1240 Indigenous Peoples in Canada, Part 2”

Report of the Senate Committee on Admissions concerning a proposal from the College of Nursing to modify the admission requirements for the Bachelor of Nursing degree program (2022.04.19)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The College of Nursing is proposing a modification to the admission requirements for the Bachelor of Nursing degree program. The proposal involves the deletion of NURS 1280 from the elective list of courses that can be used to satisfy the admission requirements.
3. The proposal was approved by the College of Nursing Council on January 27th, 2022 and was endorsed by SCADM on April 19th, 2022.

Observations:

1. NURS 1280: Introduction to Nursing was part of the previous curriculum. This course has not been offered since 2015.
2. Courses used towards admission to Nursing must be taken within 5 years of the admission cycle.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the admission requirements for the Bachelor of Nursing degree program be approved effective for the fall 2023 intake.

Respectfully submitted

Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

Report of the Senate Committee on Admissions concerning a proposal from the College of Nursing to modify the admission process for the Bachelor of Nursing degree program, University College of the North cohort (2022.04.19)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The College of Nursing is proposing a modification to the admission process for the Bachelor of Nursing degree program, University College of the North cohort. The proposal formalizes a process to allocate unfilled seats from Thompson and/or The Pas sites to eligible applicants from the Fort Garry campus applicant pool.
3. The proposal was approved by the College of Nursing Council on January 27th, 2022 and was endorsed by SCADM on April 19th, 2022.

Observations:

1. There are times where some seats at the Thompson and/or The Pas sites remain unfilled due to a lack of eligible applicants. At the same time numerous eligible applicants are refused at the Fort Garry site due to the high volume of applicants.
2. This proposal would provide the opportunity to applicants from the Fort Garry campus pool to be considered for any unfilled seats at the Thompson and/or The Pas sites.
3. Offers would be extended based on their AGPA ranking in the selection process.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the admission process for the Bachelor of Nursing degree program, University College of the North cohort be approved effective for the fall 2023 intake.

Respectfully submitted

Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



College of Nursing
 Helen Glass Centre for Nursing
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Submission to the Senate Committee on Admissions (SCADM)

From: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

Date: March 31, 2022

Below please find information regarding two proposed changes related to the Bachelor of Nursing (BN) Program.

Request #1:

Removal of the Course NURS 1280: Introduction to Nursing from the Electives List for Year 1 of the BN Program (used for admission to the BN Program)

Section I – Description of the Change

The College of Nursing is proposing the removal of the course NURS 1280: Introduction to Nursing from the list of possible courses to meet the 12 credit hour electives requirement for admission to the BN Program (Year 1 of the program).

Current Wording in the Academic Calendar:

The Course Requirements for Admission to the BN Program section includes the following information about electives (and we have used strikethrough to indicate the deletion of NURS 1280):

Electives

Any combination of the following courses/subjects for a total of 12 credits may be taken.

Course	Title	Hours
Social Sciences		
Humanities		
NURS 1280		3
<u>NURS 1500</u>	Preparing for Professional Nursing Education	3
<u>NURS/KIN 2610</u>	Health and Physical Aspects of Aging	3
<u>FMLY 2650</u>	The Social Aspects of Aging	3
or <u>REC 2650</u>	The Social Aspects of Aging	
or <u>SWRK 2650</u>	The Social Aspects of Aging	

Rationale:

The course NURS 1280: Introduction to Nursing was part of our previous curriculum and was deleted at the Senate meeting in May of 2017. It has not been offered since the winter term of 2015. For admission to the Bachelor of Nursing Program and inclusion in the program, courses must be taken within 5 years of admission.

Effective Date:

We are proposing that this change be implemented once approved by Senate (for Fall 2022).

Section II – Consultation with other faculties

There are no anticipated implications for other faculties.

Section III - Recommendation**Recommendation:**

That SCADM endorse the removal of the course NURS 1280: Introduction to Nursing from the list of possible electives to meet the elective requirement for admission to the BN Program. The effective term is Fall 2022.

Request #2:

Modification to the Admission Process to the University of Manitoba Bachelor of Nursing Program Collaborative University College of the North Cohort

Section I – Description of the Change**Current Wording in the Academic Calendar:**

“Applicants [to the Bachelor of Nursing Program] have the option of applying to study at the Fort Garry campus in Winnipeg or at Thompson or The Pas as part of the University of Manitoba Bachelor of Nursing Program Collaborative University College of the North Cohort.”

Note: The prerequisite course admission requirements and Adjusted Grade Point Average (AGPA) calculation are the same for entry to the Fort Garry campus in Winnipeg or at Thompson or The Pas as part of the University of Manitoba Bachelor of Nursing Program Collaborative University College of the North Cohort.

Current situation:

At present, students applying to the University of Manitoba Bachelor of Nursing (BN) Program for the fall term are given the option to apply to study on the Fort Garry campus (120 seats) or in the Collaborative University College of the North Cohort at either Thompson (20 seats) or The Pas (20 seats). For the Fort Garry campus seats, applications currently exceed the number of seats by an approximate 3:1 ratio. In 2021,

we were initially unable to fill all of the seats at Thompson and The Pas due to not having enough eligible applicants. Since the core admission requirements are the same for all sites, permission was granted to contact eligible but not competitive Fort Garry campus applicants, starting with students with the highest AGPAs, to determine if they would be interested in accepting a seat in the University of Manitoba BN Program offered at Thompson or The Pas. Using this approach, we were able to fill additional seats at both sites. The 8 students admitted using this approach have remained in the program at Thompson or The Pas and have done well.

Proposed Change:

We are proposing that we formalize the process of creating a mechanism to fill any vacant seats in The Pas and Thompson (after all eligible applicants to that pool have been admitted) by offering eligible but not competitive applicants to the Fort Garry campus a seat in the University of Manitoba Bachelor of Nursing Program Collaborative University College of the North Cohort in either The Pas or Thompson, based on the location of any unfilled seats, with selection based on AGPA ranking.

Rationale:

Filling all of the seats in the north is important for enhancing the educational experience of students in the cohort, providing students with opportunities to learn about practicing in northern settings, and contributing to addressing the nursing shortage in northern Manitoba. This process will also provide additional eligible but not competitive applicants to the BN Program in Winnipeg an opportunity for an available seat in Thompson or The Pas.

Effective Date:

The College of Nursing, due to unforeseen delays in formalizing the proposal, has already been given permission to proceed for Fall 2022 if there are unfilled seats at either Thompson or The Pas. We are therefore proposing that this change be implemented for the Fall of 2023 applicant pool.

Section II – Consultation with other faculties

There are no anticipated implications for other faculties.

Section III - Recommendation

Recommendation:

That SCADM endorse a change in process for admission to the Bachelor of Nursing Program to permit the filling of unfilled seats in the University of Manitoba Bachelor of Nursing Program Collaborative University College of the North Cohort at Thompson and The Pas with eligible but not competitive applicants to the Fort Garry campus using a ranking system (based on AGPA). The effective term is for Fall 2023.

March 17, 2022

Report of the Senate Committee on Instruction and Evaluation RE: Modification of Residency requirements for Bachelor of Arts (Honours) Programs, Faculty of Arts

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) can be found at:
https://www.umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Instruction_and_Evaluation_Terms_of_Reference.pdf
2. At its meeting on March 17, 2022 SCIE considered a proposal from the Faculty of Arts to modify residency requirements for Bachelor of Arts (Honours) programs.

Observations:

1. Currently, the Residency Requirements for Bachelor of Arts (Honours) programs outlines residency requirements for programs that, prior to Fall 2015, had different credit hour requirements. The Faculty is proposing to remove the statements that refer to programs with fewer than 120 credit hours, as these programs no longer exist.

Recommendation

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the modification of Residency Requirements, Bachelor of Arts (Honours), Faculty of Arts, effective September 1, 2022.

Respectfully submitted,

Dr. Mark Torchia, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



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February 25, 2022

To: M. Yoshida, Office of the University Secretary

From: Jeff Taylor, Dean, Faculty of Arts

Subject: Faculty of Arts Honours Residency Requirements - modification

The proposal that follows was approved by Faculty of Arts Council at its February 17, 2022 meeting. Please forward this proposal to the appropriate Senate Committee(s) for consideration.

Enclosures

cc: J. Leboe-McGowan, Chair, ARPC
G. Sobie, ARPC Secretary

University of Manitoba

Faculty of Arts

Academic Regulations Policy Committee

Proposal to Modify the B.A. Honours Residency Requirements

Background:

Prior to the 2015 Fall term, the Bachelor of Arts Honours programs varied in length. Programs were offered that consisted of 108, 114, and 120 credit hours and therefore had different thresholds for satisfying the Degree Residency Requirements.

Since the 2015 Fall term, all B.A. Honours programs have required students to complete 120 credit hours in total.

Observations:

There are no students pursuing B.A. Honours Degree programs with fewer than 120 credit hours.

As it currently reads, the information in the calendar outlining Degree Residency Requirements for Honours programs is extraneous. In the interest of providing clear and concise information to students, this information should be removed/clarified.

Recommendation:

Added Material

~~Deleted Material~~

RESIDENCY REQUIREMENT

Each of the four undergraduate degree programs has a residency requirement which requires that a minimum number of credit hours must be taken at the University of Manitoba itself in order to qualify for the degree. Students admitted to the Faculty of Arts B.A. General, Advanced and Honours Degree Programs will also be required to satisfy a residency requirement on the Major(s), Advanced Major(s) or Honours subject(s) in addition to the residency requirement on the degree. Similarly students admitted to the B.A. Integrated Studies Degree Program will be required to satisfy a residency requirement on the Concentration in addition to a residency requirement on the degree.

...

B.A. Honours Degree

1. Degree: To receive the B.A. Honours Degree, the student must successfully complete at least 60 credit hours of the required 120 credit hours at the University of Manitoba. ~~In order to graduate with a B.A. Honours Degree, students must take and~~

~~successfully complete the hours of coursework offered by the University of Manitoba as noted below:~~

- ~~• In Honours programs requiring 108 credit hours, 48 credit hours must be from acceptable courses offered by the University of Manitoba;~~
- ~~• In Honours programs requiring 114 credit hours, 54 credit hours must be from acceptable courses offered by the University of Manitoba;~~
- ~~• In Honours programs requiring 120 credit hours, 60 credit hours must be from acceptable courses offered by the University of Manitoba.~~

~~Note: Effective September 2015, all Honours programs will require 120 credit hours.~~

2. Honours Subject(s): Students must successfully complete at the University of Manitoba or through an approved University of Manitoba exchange program the hours of coursework in their Honours subject(s) as noted below:
 - In a single Honours subject requiring 54 to 69 credit hours, 33 credit hours must be completed in the Honours subject.
 - In a single Honours subject requiring more than 69 credit hours, 39 credit hours must be completed in the Honours subject.
 - In a double or joint Honours subject requiring 42 to 45 credit hours in one Honours subject, 24 credit hours must be completed in that Honours subject.
 - In a double or joint Honours subject requiring less than 42 credit hours in one Honours subject, 21 credit hours must be completed in that Honours subject.
 - In a double or joint Honours subject requiring more than 45 credit hours in one Honours subject, 33 credit hours must be completed in that Honours subject.
3. Once admitted to an Honours program, students are expected to take all their courses at the University of Manitoba. For information on exceptions to this requirement, the student should consult the Faculty of Arts General Office.

...

Residency Requirement Université de Saint-Boniface

In order to satisfy the University of Manitoba, Faculty of Arts residency requirement, students who transfer from Université de Saint-Boniface must complete the following minimum hours at the Fort Garry Campus.

1. In order to receive the B.A. (General), ~~or B.A. (Advanced), or B.A. Honours Degree,~~ the student must successfully complete at least 30 credit hours at the Fort Garry campus.

2. ~~In order to receive the B.A. (Honours) Degree, the student must successfully complete the hours of coursework offered at the Fort Garry campus as noted below:~~
- ~~• In Honours programs requiring 108 credit hours, 24 credit hours of acceptable coursework must be completed at the Fort Garry campus.~~
 - ~~• In Honours programs requiring 114 credit hours, 24 credit hours of acceptable coursework must be completed at the Fort Garry campus.~~
 - ~~• In Honours programs requiring 120 credit hours, 30 credit hours of acceptable coursework must be completed at the Fort Garry campus.~~

~~Note: Effective 2015, all Honours programs will require 120 credit hours.~~

March 17, 2022

Report of the Senate Committee on Instruction and Evaluation RE: Modification of continuation requirements for the Bachelor of Arts (Honours) in English, Faculty of Arts

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) can be found at:
https://www.umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Instruction_and_Evaluation_Terms_of_Reference.pdf
2. At its meeting on March 17, 2022 SCIE considered a proposal from the Faculty of Arts to modify the continuation requirements for the Bachelor of Arts (Honours) in English.

Observations:

1. Currently, to continue in the program, students in the Bachelor of Arts (Honours) in English program are normally required to obtain a minimum grade of "B" in all English courses. The Faculty is proposing instead that a minimum "B" average in all courses that comprise the Honours subject field would be required to graduate, including the higher grade of repeated courses and excluding failed courses.
2. The current wording suggests that only courses in which a grade of "B" has been earned will count towards the Honours degree requirements, while the practice has been to accept some grades below a "B" towards the requirement as long the student obtains a minimum "B" average in all the courses that comprise the Honours subject field.
3. The Committee observed that averages are usually expressed as a numerical value, not a letter grade. The Committee requested that the Faculty consult with Jeff Adams, University Registrar, regarding the current practice as reflected in the regulation. The Faculty met with Mr. Adams as requested. The Faculty noted that this practice is related to a series of modifications that were approved by Senate in the past, and is consistent with Faculty wide practice.

Recommendation

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the modification of continuation requirements, Bachelor of Arts (Honours) in English, Faculty of Arts, effective September 1, 2022.

Respectfully submitted,

Dr. Mark Torchia, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

English, Theatre, Film and Media

- The English Program proposes modifications to the continuation requirement to the BA Honours Program.

Added Material

~~Deleted Material~~

English Program

Head: Brenda Austin-Smith

General Office: 625 Fletcher Argue Building

Telephone: 204 474 9678

E-mail: english@umanitoba.ca

Website: http://umanitoba.ca/faculties/arts/departments/English_theatre_film_media/

Literature, and related graphic media, connects us in vital ways to times, places, and cultures, including our own; engages us in important moral and social questions; encourages us to reflect upon the capacities of the human mind and imagination; invites us to probe connections between language, form, structure, and meaning; asks us to think critically about arts of representation; and, not least, entertains, surprises, shocks, and moves us. With its wide range of courses in English-language literature, historical and contemporary, and in creative writing, our program fosters the study of literary works from these myriad perspectives and approaches.

For entry, continuation and graduation requirements for the General Degree, Advanced Degree and Honours Degree, see: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

Major Program

For entry to the Major, the prerequisite is a grade of “C” or better in ENGL 1200 or ENGL 1300 or both ENGL 1400 and ENGL 1340.

A minimum “C” average in all courses that comprise the Major is required to graduate, including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of “C” or better in ENGL 1200 or ENGL 1300 or both ENGL 1400 and ENGL 1340.

Honours Program

For entry to the Honours program, see: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs. A grade of “B” or better is required in ENGL 1200 or ENGL 1300 or in both ENGL 1400 and ENGL 1340; ENGL 1200 is strongly recommended. Students may also be admitted to Honours in English in the

third year of undergraduate study, in consultation with the department. Honours students must have their programs approved by the department each year. ~~Normally, to continue in the Honours program, a minimum grade of "B" must be obtained in all English courses.~~ **A minimum "B" average in all courses that comprise the Honours subject field is required to graduate, including the higher grade of repeated courses and excluding failed courses.**

Honours courses are also open to students who have been accepted into the pre-M.A. program and to students who have obtained the written consent of the department head.

Honours students who revert to a General program in English must meet the literature prior to the 1900 requirement for a Major or Minor, and they should consult the department head before continuing.

Students taking Single Honours should, if possible, take at least 12 credit hours in one of the following languages: French, German, Greek, Icelandic, Italian, Latin, Russian, Spanish.

Notes

ENGL 0930, ENGL 0940, ENGL 1061 and ENGL 1071 are not designed to teach English as a second language.

For students who need help with basic writing skills, the Department of English, Theatre, Film & Media offers two half courses: ENGL 0930 and ENGL 0940. These courses are limited in size. Both ENGL 0930 and ENGL 0940 are acceptable for credit towards a degree in Arts or Science, but they may not be counted for credit in the 48 hours for a Single Advanced Major, the 42 hours for a Double Advanced Major, the 30 hours for a General Major, or the 18 hours for a Minor (Concentration). Either or both will, however, be included in the total number of hours a student is allowed to take in the combined Major and Minor. There is no prerequisite for entry into ENGL 0930 or ENGL 0940, and these courses are not required for admission to subsequent English courses.

Study Resources

All students taking English should own a writing handbook and a good dictionary such as Webster's *New Collegiate*, Funk and Wagnall's *Standard College*, *The Concise Oxford*, *The Gage Canadian*, or *The New World*. Students will also find useful *The MLA Handbook* and M.H. Abrams, *A Glossary of Literary Terms*.

April 5, 2022

Report of the Senate Committee on Instruction and Evaluation RE: Revisions to Academic Regulations, Bachelor of Nursing, College of Nursing

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) can be found at:
https://www.umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Instruction_and_Evaluation_Terms_of_Reference.pdf
2. By a resolution in writing on April 5, 2022, SCIE considered a proposal from the College of Nursing to revise the Academic Regulations for the Bachelor of Nursing program.

Observations:

1. The College is proposing an enrollment increase of 120 students to the Bachelor of Nursing program.
2. The College is proposing to revise the Academic Regulations of the Bachelor of Nursing to include the delivery of programming during the Summer term to accommodate the increased enrollment.
3. The Academic Regulations would be updated with references to the Summer term and updated dates as appropriate throughout the regulations.

Recommendation

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the revisions to the Academic Regulations, Bachelor of Nursing, College of Nursing, effective September 1, 2022, contingent upon the President's approval to increase the admission target.

Respectfully submitted,

Dr. Mark Torchia, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

College of Nursing

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Date: March 29, 2022

To: Dr. Mark Torchia, Chair, Senate Committee on Instruction & Evaluation

From: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

Re: Proposed Changes to the College of Nursing Academic Regulations


The College of Nursing is seeking approval of the proposed changes to the Academic Regulations for the Bachelor of Nursing program by the Senate Committee on Instruction and Evaluation.

The College of Nursing is proposing a 120 seat increase to the Bachelor of Nursing program, which would be accomplished by adding a third intake of students in the summer. As such, the Academic Regulations are being revised to include delivery of programming during the Summer Term. Please find attached a copy of the revised Academic Regulations with the proposed changes identified with track changes. These proposed changes are contingent on the President's approval of the increase to the admission target.

The proposed changes to the Academic Regulations were approved by the College of Nursing Council on March 29, 2022.

Thank you for your consideration of the proposed changes to the Academic Regulations.

Sincerely,



Dean, College of Nursing

**College of Nursing
Bachelor of Nursing Program
Revisions to Academic Regulations
March 2022**

The provisions of the [General Academic Regulations](#), and the [University Policies and Procedures](#), apply to all students. In addition, the College of Nursing has regulations and requirements, published below, that apply specifically to its students.

Following the regulations for all students, please see the regulations that are specific to each program.

Regulations for the Bachelor of Nursing Program

Students are obligated to be familiar with all regulations governing their continued progress in the program.

Security of Academic Records

The University's policies regarding the security of student academic records are found in the [University Policy and Procedures](#).

Registration Status in the Program

Students admitted to the Program must complete a minimum of ~~73~~ credit hours of course work in the College of Nursing in the Fall, ~~or~~ Winter, or Summer term of their admission year.

Students at the Fort Garry campus in Winnipeg are expected to maintain contact with the program by registering in at least one nursing course during each consecutive Fall, ~~and~~ Winter, and Summer term while they are enrolled in the Program.

Students who wish to interrupt their studies must apply in writing to the Associate Dean, Undergraduate Programs, for a Leave of Absence.

Once admitted to the ~~College Faculty~~ of Nursing, students must complete the final seven terms of the ~~Four-Year~~ Bachelor of Nursing Program within six (6) years. Extensions for program completion for students in good standing may be considered on a case-by-case basis by the Associate Dean, Undergraduate Programs.

Leave of Absence

Students wishing to interrupt their studies must submit a written request for a Leave of Absence, normally by June 1 for Fall Term, ~~or October~~ November 1 for Winter Term, or February 1 for

Summer Term to the Associate Dean, Undergraduate Programs, College of Nursing. Later requests may be considered in exceptional circumstances. A Leave of Absence may normally be granted for a maximum period of one year. Requests for an extension to the Leave of Absence or for a subsequent Leave of Absence must be made in writing and will be subject to approval by the Associate Dean, Undergraduate Programs.

In order to return to the College of Nursing, students must submit a written request for reinstatement to the Associate Dean, Undergraduate Programs, no later than June ~~May~~ 1 for Fall Term, ~~or~~ October 1 for Winter Term, or February 1 for Summer Term. Requests for reinstatement will not normally be considered after ~~June~~ May 1, October 1, or February 1 respectively. Students who do not apply for reinstatement by ~~June~~ May 1, October 1, or February 1 will normally be considered as having left the Nursing program, and will be withdrawn from the College of Nursing.

Decisions made in response to requests for leaves of absence or reinstatement can be appealed to the College of Nursing Student Appeals Committee.

Leave of Absence status does not extend the program time limit outlined in the College of Nursing regulations. To maintain Leave of Absence status, and not be discontinued from the College of Nursing, students may not attend any other faculty or institution during the period in which the Leave of Absence is in effect. Students on a Leave of Absence will be subject to the same criminal record, Child Abuse Registry, and Adult Abuse Registry policies as students taking courses. At the time of requesting a return to studies, students may be required to provide a current self-declaration of a criminal record or a Criminal Record Check, Child Abuse Registry check, and Adult Abuse Registry check.

Students who attend another faculty or institution while on leave, or who have been withdrawn from the College of Nursing because they were not granted a Leave of Absence and did not take at least one Nursing course in Fall, ~~or~~ Winter, or Summer term, must re-apply through Admissions should they wish to return.

Residence Requirements

See the [General Academic Regulations](#).

Transfer to Alternate Delivery Site within the Bachelor of Nursing Program¹

Students in the Program may apply for transfer to an alternate delivery site within the Program. The following minimum requirements must be met prior to consideration of transfer:

1. there is an open position, as well as clinical placement availability, in the courses to which the student wishes to transfer; and
2. the student is in good standing in the Program.

Should the above requirements be met, requests for transfer will only be considered based on compassionate grounds, such as extraordinary personal or family circumstances that would be alleviated by transfer. Such grounds may include illness of a close family member, or personal

illness of significant magnitude requiring a move either to obtain treatment or to be near to a close family member. Requests for transfer based solely on financial hardship will not be considered.

Letters of request to transfer must be received by the Associate Dean, Undergraduate Programs, College of Nursing. The letter of request must outline the reason(s) for requesting the transfer.

Any costs associated with transfer are the responsibility of the student.

Requests for transfer should normally be submitted by:

- June 1st for requests for transfer for Fall term;
- October 1st for requests for transfer for Winter term; and ~~by~~
- February 1st for requests for transfer for Summer term.

1 Amended ~~June~~July 1, 2022

Coursework and Evaluation

“0900” Level Courses

Credit will not be given for “0900” courses.

University Mathematics and Written English Requirement

Students must satisfy the Written English requirement and Mathematics requirement prior to admission.

Prerequisite Deficiency

Students who enroll in courses provisionally pending satisfactory completion of pre- or co-requisites must, if unsuccessful, withdraw or amend their registration accordingly. The College of Nursing reserves the right to not send reminders of the requirement to withdraw.

Challenge for Credit

Students wishing to challenge a course for credit should contact a student advisor.

Supplemental Examinations or Tests

The College of Nursing does not permit supplemental examinations or tests.

Academic Progression

Students are required to obtain a minimum of “C” grade in every letter grade course, a “Pass” in every Pass/Fail course, and a ~~degree~~Program GPA of 2.5 to graduate. A final grade of “D” or “F” in a letter grade course or “Fail” in a Pass/Fail course taken to complete the degree requirement is considered a failure.

Academic assessments will be based on student performance in letter grade courses. The Term Grade Point Average (TGPA) will be calculated at the conclusion of each academic term in which the student has completed a minimum of 6 credit hours. Students who do not complete the minimum credit hours in one term will be assessed as “too few credit hours to assess.” These students will be assessed over two terms or more at the end of the term in which they reach the threshold of 6 credit hours.

The final term of the program ([NURS 4580](#)) will be excluded from assessment providing the student meets graduation requirements. Students are required to have a minimum Program GPA of 2.5 to be eligible for graduation. Please refer to the [website](#) for details and procedures.

Good Academic Standing

A student with a TGPA of 2.5 or higher is in Good Academic Standing and will be assessed “Faculty Minimum Met.”

Academic Warning

The first time a student's TGPA drops below 2.5 OR the student receives a final grade of “Fail” in a Clinical or Skills course a first time the student will receive an Academic Warning.

Academic Probation

A formal remediation plan will be mandatory when: the student's TGPA drops below 2.5 the second time, OR the student received a grade of “Fail” in a Clinical or Skills course and the student has previously had a TGPA below 2.5 in one previous term, OR the student’s TGPA drops below 2.5 and the student has a “Fail” in Clinical or Skills course a previous term.

Academic Suspension

A student will be placed on suspension if: the student's TGPA drops below 2.5 a third time, OR the student receives a grade of “Fail” in a Clinical or Skills course and has previously had a TGPA below 2.5 in 2 previous terms, OR the student’s TGPA drops below 2.5 for a second time and the student has a “Fail” in a Clinical or Skills course an additional previous term. Students who are suspended shall be ineligible to take any courses at the University of Manitoba or on a letter of permission for a minimum of eight and a maximum of 15 calendar months.

A student may apply for reinstatement on academic probation after the term of suspension has been completed.

Required to Withdraw

Students who have been permitted to return from Suspension and whose TGPA drops below 2.5 or receive a Grade of Fail in a Clinical or Skills course a fourth time will be Required to Withdraw. Students who are Required to Withdraw are ineligible for re-admission to the College of Nursing.

Dean's Honour List

The Dean's Honour list will be determined after each term of study. Students who achieve a minimum Term GPA of 3.75, and who are registered for a minimum of 12 credit hours will be placed on the Dean's Honour List. Students who complete a course on a Letter of Permission may request to have these courses included in the assessment for Dean's Honour List. Students with a grade of D, F, or "Fail" in that term will not be eligible for Dean's Honour List.

Degree with Distinction

Students who achieve a Degree GPA of 3.8 and above based on the last 68 credit hours of course work, including Pass/Fail courses, will be eligible for a Degree with Distinction. Students with a grade of D, F, or "Fail" in the last 68 credit hours will not be eligible.

Voluntary Withdrawal

Students are allowed only one voluntary withdrawal per Nursing course in the College of Nursing.

Students who voluntarily withdraw from a Nursing course a subsequent time will have their withdrawal reversed and will be expected to complete the course. Students planning to withdraw from any course are advised to speak with a student advisor regarding the implications of this decision. Any financial implications will be the responsibility of the student.

Attendance

Regular attendance at class is expected of all students in all courses. Attendance in on-line courses will be interpreted as regular and consistent participation in the course.

Attendance in the clinical practice/laboratory portions of Nursing courses is mandatory to enable the student to satisfy the evaluative criteria of the theoretical and practical components of courses. Students absent from class or practice due to illness may be required to present a certificate of illness. This certificate must be signed by a recognized health care provider. Absence for compassionate reasons is considered on an individual basis. Where absence is involved, make-up time may be required.

A course leader may initiate procedures to debar a student from attending classes and from final examinations and/or from receiving credit where unexcused absences exceed those permitted by faculty regulations.

Debarment Policy

A student may be debarred from class, clinical practice, laboratories, and examinations by action of the Associate Dean, Undergraduate Programs for persistent non-attendance, unsafe clinical practice, and/or failure to produce assignments to the satisfaction of the instructor. Once the debarment process has been initiated, the student will not be able to voluntarily withdraw from the course that is presently under investigation. Students so debarred will have failed that course.

Failures in Nursing Courses

Students will be permitted to repeat a nursing course only once following a failure. Withdrawal from the program will be required following a second failure in the same nursing course or any two clinical courses. Students who fail a Nursing course twice and are required to withdraw from the College of Nursing are ineligible for re-admission to the College of Nursing.

Clinical Absence

Bachelor of Nursing Program students returning following one year or more absence from clinical courses must complete a mandatory demonstration of psychomotor skills competency in the skills lab. Competency must be demonstrated prior to clinical attendance. Students should consult with a student advisor for instructions. Testing must be completed prior to July 1 (Fall Term), ~~or~~ December 1 (Winter Term), or April 1 (Summer Term).

Failures in Clinical (Pass/Fail) Courses

Students who fail a clinical course will be required to accept a supportive learning contract prior to being given permission to register in another clinical course.

Failures in Clinical Course Rotations

Students who fail a rotation of a clinical course in which there are multiple rotations will be debarred from the course immediately following that rotation and will receive a final grade of "Fail". These students will not be permitted to voluntarily withdraw from the course following receipt of the failed grade.

Unsafe Clinical Practice Policy

The debarment policy will be invoked when the student demonstrated unsafe clinical practice. Unsafe clinical practice involves actions or behaviours which result in adverse effects or the risk of adverse effects to the health and well-being (psychological or physical) of the client, family, staff, faculty, or other students. Unsafe clinical practice is an occurrence, or a pattern of behaviour involving unacceptable risk.

Clinical Practice

Students enrolled in nursing courses with clinical practice components may not register for any other course during those designated clinical days. Nursing clinical practice may be scheduled during the morning, afternoon, or evening. Weekends are also used for some sections in clinical courses.

All students must be registered in all clinical courses for both terms by the specified deadline. Failure to register by this date may prevent accommodation in a clinical course.

Transportation costs to clinical practice settings are the responsibility of the student.

Every effort will be made to accommodate eligible students who register for clinical courses during the initial registration period. However, spaces in clinical courses are dependent upon the availability of clinical sites, which are determined by health care agencies and the availability of clinical teachers. Therefore, the College cannot guarantee that all students who registered for the course can be accommodated.

Clinical Agency Requirements

The College of Nursing has contractual arrangements with the agencies in which students are placed for clinical practice. The contracts set out specific expectations regarding the preparation of students prior to their placement in any clinical site and their fitness to practice.

The College of Nursing assists the student to complete the following requirements and further information about how these requirements are met will be provided during Year 2 orientation or during [NURS 0500](#).

1. ***The Personal Health Information Act (PHIA) Training***

PHIA cards are required for clinical practice and will be checked at clinical sites

2. **Electronic Patient Record Training**

The following requirements are the responsibility of the student and must be completed independently, according to deadlines established by the College of Nursing. For newly admitted students, instructions about how to fulfill these requirements is set out in Admission Requirements.

3. **Immunizations**

Once admitted to the College of Nursing, students are required to maintain an up-to-date immunization status. Deadlines for completion of required vaccines will be established for individual students as needed. Students should keep a copy of their immunization records and retrieve their immunization records from their files upon graduation.

Penalty for Non-Compliance with Immunization Policy

Returning students who do not comply with the deadlines for completion of their immunizations, will be placed on hold status, which blocks the student from the registration system. Students on hold will be permitted to register ~~in mid-August~~ after all documentation has been received, ~~but - Students who register in mid-August~~ may not be able to register in some or all of the courses they had originally planned to take, and may experience a delay in completing the program. Hold status also prevents receipt of refunds or histories/transcripts from the Registrar's Office, attending clinical practice, and graduation.

4. **Mandatory Annual Influenza Vaccination**

All undergraduate students in the College of Nursing are required to obtain an annual influenza vaccination and submit documentation confirming the vaccination by the published deadline.

Students who do not submit documentation of influenza vaccination by the published deadline may not participate in clinical practice courses ~~in Winter Term~~.

5. **Criminal Record Check**

Some clinical practice sites require that students complete a current or additional Criminal Record Check prior to the first clinical practice day.

Prior to starting Year 4 Term 2 of the Bachelor of Nursing Program, all students must complete a current Criminal Record Check (deadline of July 15 for fall term, ~~and~~ November 15 for winter term, and March 15 for summer term).

6. Students charged with or convicted of a criminal offence are required to report this information to the Associate Dean, Undergraduate Programs, College of Nursing. Failure to report a criminal offence may result in dismissal from the program. Criminal offences will be reviewed by the College of Nursing Professional Unsuitability Committee for the implications of the conviction in view of the professional mandate to protect the public.

7. **Child Abuse Registry**

Some clinical practice sites require that students complete a current or additional Child Abuse Registry check prior to the first clinical practice day.

Prior to starting Year 4 Term 2 of the Bachelor of Nursing Program, all students must complete a current Child Abuse Registry check (deadline of July 15 for fall term, ~~and~~ November 15 for winter term, and March 15 for summer term).

Students listed on the Child Abuse Registry are required to report this information to the Associate Dean, Undergraduate Programs, College of Nursing. A listing on the Child Abuse Registry or failure to report the listing will result in dismissal from the program.

8. **Adult Abuse Registry**

Some clinical practice sites require that students complete a current or additional Adult Abuse Registry check prior to the first clinical practice day.

Prior to starting Year 4 Term 2 of the Bachelor of Nursing Program, all students must complete a current Adult Abuse Registry check (deadline of July 15 for fall term, ~~and~~ November 15 for winter term, and March 15 for summer term).

Students listed on the Adult Abuse Registry are required to report this information to the Associate Dean, Undergraduate Programs, College of Nursing.

9. Cardiopulmonary Resuscitation Certification (CPR)

All students are required to obtain certification in CPR at the Health Care Provider Level (Basic Life Support or BLS). Certification is to be done no earlier than April 1st -and must be submitted by June 1st. Returning students, including those certified at the Instructor level, must recertify each year to ensure that their certification is valid for the entire year. Proof of re-certification must be submitted by June 1st annually to the Student Services Assistant or designate according to a deadline established by the College of Nursing.

Penalty for Non-Compliance with CPR Policy

Returning students who do not comply with the deadlines for submission of the CPR re-certification, will be placed on hold status, which blocks the student from the registration system. Students on hold will be permitted to register ~~in mid-August~~ after all documentation has been received, ~~but -Students who register in mid-August~~ may not be able to register in some or all of the courses they had originally planned to take, and may experience a delay in completing the program. Hold status also prevents receipt of refunds or histories/transcripts from the Registrar's Office, attending clinical practice and graduation.

1. Respirator Mask Fit Testing

Students in the Bachelor of Nursing Program may be required to complete mask fit testing as part of their clinical placement(s). Mask fit testing will occur on an as-needed basis only, should the student be placed on a unit or in a setting where an N95 mask is required for patient care, and as determined by the clinical course leader and Director of Clinical Education.

Attire for Clinical Practice

All students are required to wear uniforms, name tags, and crests during clinical courses, unless given specific instructions not to do so by the agency in which they are placed for clinical practice.

Professional Unsuitability By-Law

The Senate of the University has approved a by-law granting authority to the College to require a student to withdraw for reasons of professional unsuitability. A student may be required to withdraw from the College when, at any time, the College Council, through the Professional Unsuitability By-Law, believes the student to be unsuited for the profession of nursing, on general considerations of scholarship, professional fitness, or professional conduct.

Copies of this by-law may be obtained from the [website](#).

Disciplinary Appeal

Until the final disposition of a disciplinary appeal, students in the Bachelor of Nursing Program will not be permitted to attend clinical practice or the nursing skills laboratory. At the discretion of the Associate Dean, Undergraduate Programs, College of Nursing, students may be granted permission to attend the lecture component only of a nursing course(s) while awaiting a final disposition of an appeal currently in progress.

The changes identified above are contingent on the President's approval of the increase to the Admission Target.

April 25, 2022

Ms. Shannon Coyston, Academic Specialist
Office of the University Secretary
314C Administration Building

**Re: Application for Approval under Subsection 181 of the Regulated Health Professions Act –
Dr. Fernando Zampieri**

Dear Colleagues:

The Senate Committee on Medical Qualifications held a virtual meeting on April 21, 2022 to consider the application from the Department of Radiology Max Rady College of Medicine, Rady Faculty of Health Sciences, to grant Dr. Fernando Zampieri a certificate under the academic seal of the University. Dr. Zampieri's Curriculum Vitae and letters of support are enclosed.

Dr. Zampieri graduated with a medical degree from the University of São Paulo in 2005 and completed a residency in Internal Medicine followed by Critical Care Medicine Training at the same institution, finishing in 2010. He completed a PhD in Medical Sciences also from the University of São Paulo in 2017. His current appointments include Research Coordinator at HCor-Hospital do Coração (2016-present), Researcher and Doctoral Supervisor at IDor Research Institute, São Paulo, Brazil (2019-present) and Staff Physician, Hospital São Paulo, Federal University of São Paulo (2021-present).

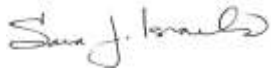
Prior to offering Dr. Zampieri an appointment, the Department of Internal Medicine completed an appropriate search process utilizing both UM Careers and Shared Health recruitment sites for the posting of this position. The search did not identify a Canadian candidate with the expertise required for this position.

Dr Zampieri is being recruited as a Clinician Investigator in a geographical full-time (GFT) appointment. The intent is to seek an academic appointment at the rank of Associate Professor for Dr Zampieri. His clinical practice will involve 8-14 weeks per year of clinical service in the adult intensive care units in Winnipeg. His assigned duties will include 50% research time during which he will focus on clinical trial development and execution in the area of critical care.

The Senate Committee on Medical Qualifications supports this application for the use of Subsection 181 of the Registered Health Professions Act pertaining to licensure for academic faculty. The Head of the Department of Internal Medicine, and the Senate Committee on Medical Qualifications agree, that Dr. Zampieri has an excellent record of impactful research will provide clinical and research expertise in the Section of Critical Care.

The Senate Committee on Medical Qualifications would appreciate your support for this application to grant Dr. Zampieri a certificate under the academic seal of the University to the College of Physicians and Surgeons of Manitoba.

Sincerely,



Sara J. Israel, MD FRCPC
Vice-Dean, Academic Affairs, Rady Faculty of Health Sciences
Chair, Senate Committee on Medical Qualifications

cc: Dr. Eberhard Renner, Head, Department of Internal Medicine
Dr. Allan Garland, Section of Critical Care, Department of Internal Medicine
Dr. Brian Postl, Dean, Max Rady College of Medicine, Vice Provost, Rady Faculty of Health Sciences
Dr. Anna Ziomek, Registrar, College of Physicians & Surgeons of Manitoba

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.



Dr Sara Israels
Vice Dean, Academic Affairs
Office of Academic Affairs, Rady Faculty of Health Sciences
S204 Medical Services Building
750 Bannatyne Avenue, Winnipeg MB R3E 0W2

March 29, 2022

Re: Recruitment of Dr Fernando Zampieri

Dear Dr Israels:

This correspondence serves as a formal request to grant University certification for Dr Fernando Zampieri as per section 181 of *The Regulated Health Professional Act*. The Department of Internal Medicine has engaged with Dr Fernando Zampieri in regards to his recruitment to the Section of Critical Care, Department of Internal Medicine, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba.

It is important to note that the Department completed a recruitment process utilizing both UM Careers and Shared Health recruitment sites for the posting of this position with no success in recruiting a Canadian candidate with the expertise required. Outside of the application received for Dr Zampieri, two other applications were received, one from an out of country applicant and the other application received was from a Canadian applicant. However, upon review of the latter applicant's CV, he did not meet the listed requirements of a strong record of publications in high impact journals and a proven ability to obtain peer-reviewed research funding from recognized granting agencies. Specifically, in the past 5 years he has not authored any studies representing original scientific work. Furthermore, according to his CV he has never received research grant funding. The other out of country applicant also did not satisfy the requirements as outlined. Specifically the applicant has not demonstrated any research publications or ability to attract research grant funding.

Dr Zampieri is being recruited as a Clinician Investigator geographical full-time (GFT) appointment. The intent is to seek an academic appointment at the rank of Associate Professor for Dr Zampieri. His clinical practice will involve 8-14 weeks per year of attending in adult intensive care units in Winnipeg. He will have 50% protected research time during which he will conduct studies related to care of the critically ill.

Attached to this correspondence are the following required documents:

- Confirmation the applicant meets the English language fluency criteria set by Council;
- Confirmation the applicant is or will be legally entitled to work or study in Manitoba engaging in professional practice; and
- Description of the applicant's current and proposed professional practice;
- Confirmation of medical degree from a medical school recognized by the College of Physicians and Surgeons of Manitoba

- Confirmation of University-based prelicensure training completed in the area of current registration equivalent to the College of Family Physicians of Canada or Royal College of Physicians and Surgeons of Canada
- Documentation describing in detail clinical training experience including number and length of rotations, type of responsibility, level of supervision, form of assessment and pass/fail status
- Confirmation that the applicant is not currently under erasure or suspension
- 3 references from colleagues who are currently practicing and who have direct knowledge of the candidate's practice during the last five years.

Should further information be required please do not hesitate to reach out to Hana Forbes, Managing Director Department of Internal Medicine email: hforbes@hsc.mb.ca

Sincerely,



Eberhard L. Renner MD FRCPC FAASLD
 Professor and Head
 Department of Internal Medicine
 Max Rady College of Medicine
 University of Manitoba
 Provincial Specialty Lead – Internal Medicine
 Shared Health Manitoba

CC:
 Dr A Garland
 H. Forbes
 C. Beaudoin
 J. Veinot



PULMONARY & CRITICAL CARE MEDICINE

DEPARTMENT OF INTERNAL MEDICINE

UNIVERSITY OF MICHIGAN HEALTH SYSTEM

Theodore J. Iwashyna, MD, PhD

15 March 2021

Alpheus W. Tucker, MD

Collegiate Professor of Internal Medicine

Director of Health Services Research
in Pulmonary & Critical Care Medicine

Director, Michigan Program to Improve
Recovery In Critical Illness (EMPIRIC)

Co-Director, Research Core
VA Center for Clinical Management Research

Co-Director
National Clinician Scholars Program

Faculty Associate
Survey Research Center
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2800 Plymouth Road
Building 16, Room 326W
Ann Arbor, MI 48109
(734) 222-7423

tiwashyn@umich.edu
<http://iwashyna.med.umich.edu>
twitter: @iwashyna

Dear Allan and Colleagues,

It is my pleasure to give the strongest possible recommendation of Fernando Zampieri of Sao Paulo, Brazil. Fernando is a super-star who in his early career has already made foundational contributions in the science of critical care in randomized clinical trials, observational studies, and quality improvement. He has done so all in a resource-constrained setting while maintaining a deep commitment to improving the care of critically ill patients.

Fernando is working at the absolute pinnacle of both clinical trials and health services research—in each case, blending an eye for really important questions with extraordinary insight, rigor, and teamwork. In my career, I can think of few others who do this as well; an early Damon Scales, or Matt Semler of Vanderbilt, are the only ones who come to mind. As a program of research, the RECOVERY group in the UK comes to mind as a comparator for the work of this one man. I do not mean this as an exaggeration—he is that good.

If it were not for the USA's "challenging" visa and immigration policies (please forgive the euphemism), he would be—without a doubt—my single highest priority recruit to the University of Michigan.

Fernando Zampieri graduated in medicine at University of São Paulo in 2005. He did a residency in internal medicine followed by critical care medicine training at the same institution, finishing in 2010. He obtained his PhD degree in "Doctor in Medical Sciences" by University of São Paulo, 2017 with his theses "Relationship between acid-base status and inflammation in the critically ill". This was published in *Critical Care* in 2014 (doi: 10.1186/cc13993).

Dr. Zampieri's most important contribution to randomized clinical trials so far, is his serving as the Principal Investigator of the **Balanced Solution versus Saline in Intensive Care Study (BaSICS)** trial, [clinicaltrials.gov NCT02875873](https://clinicaltrials.gov/NCT02875873). As of this writing, his team has randomized 10,900 of a planned 11,000 patients at 74 centers across. They are answering two critical questions via individual-level randomization: the impact on 90-day mortality of balanced crystalloid vs normal saline, and of fluid infusion rate. The secondary outcomes include the renal failure and quality of life outcomes one would expect. Fernando coordinated the design of the trial; was first author on the protocol paper (PMID: 28651514); is designing the statistical analysis plan; and has personally enrolled and done quality control training for two centers. Certainly, he has done so with the help of an enormously talented team; but unlike certain well-resourced places, he has fundamentally done this himself with extraordinary individual efforts to make this happen. The study is on track to be a "new classic", one of those trials we teach all the time on rounds and do so for years to come.

Part of what makes BaSICS possible is Dr. Zampieri's commitment that integrating hospitals into a collaborative research enterprise is a pillar of improving their quality of care for all their patients. In BaSICS, this has taken several forms. For example, fluid balance was not registered properly in over 20 of the 74 BaSICS participating ICUs and absolutely no ICUs recorded the duration of the infusion of fluid challenges. BaSICS greatly improved recordings of important features in participating sites. Fernando also conducted a pilot randomized controlled trial of coated devices for prevention of infection in critically ill patients (CRITIC Trial, NCT03868241, which just finished enrolling 100 patients). This trial provided training in best practices of intubation and airway management for its ten participating sites. This integration of clinical trials and QI seems particularly relevant to the ways he could contribute in your wonderful provincial health system.

While BaSICS is on track to be a towering achievement, I need to make note of several other important research contributions by Dr. Zampieri. To summarize some highlights, showing his range from physiology to health systems:

- *Advancing Bayesian methods into mainstream critical care.* Fernando has been part of the vanguard translating Bayesian methods from statistical aspiration to clinical reality. He has done so via, in particular, two important re-analyses of clinical trials. His analysis of ANDROMEDA-SHOCK in the Blue Journal showed how incorporating prior information explicitly led to a much clearer interpretation of the trial (PMID: 31574228). His analysis of ART showed that the negative effects of the recruitment maneuvers and PEEP titration were confined to the subpopulation of patients with pneumonia and shock (PMID: 30961913)—but very prominent in that important patient group. Indeed, he is leading the Bayesian methods section at the 2020 ATS Workshop: “Improving clinical guidance derived from critical care trials” and has since written an *AJRCCM* explained on the topic (PMID: 33270526)
- *Understanding the burden of nosocomial sepsis in middle income countries.* Partnering with Flavia Machado, he has enrolled 3,000 of 3,600 patients in a case-control study. This is an important effort to correct the imbalance between where the global burden of sepsis is and where the research efforts are. Importantly, this study will consider seriously the problem of competing risks with a sophistication unusual in critical care research.
- *Building a science of health services research in middle income countries.* By helping develop a large database of critically ill patient admissions (the ORCHESTRA Network), Fernando provided relevant information on ICU organization, including a phenotype analysis of nurse autonomy and outcomes in Brazilian ICUs. (e.g. PMID 31595349, 30105600, 30696474, 30328984, 29371274, 29211187, 26108673, 25295819). He is a leader in the development of the international Society of Critical Care Medicine Discovery Viral Infection and Respiratory Illness Universal Study Registry (VIRUS) and an author on its “Guiding Principles for the Conduct of Observational Critical Care Research” document (PMID: 32932348)
- *The Pandemic Pivot.* Like all of us, in 2020, Dr. Zampieri redirected his research to the new emergent threat. He was crucially involved in the design and conduct of large published RCTs of hydroxychloroquine (*NEJM* PMID: 32706953), azithromycin plus hydroxychloroquine (*Lancet* PMID: 32896292), dexamethasone for ventilated COVID (*JAMA* PMID: 32876695) and Toci (*BMJ* PMID: 33472855), as well as the design, funding, and conduct of a Phase II trial to block kallikrein (NCT04549922). He has done all this while working in busy COVID ICUs in a nation at the center of this storm.
- *Contributing to the science of others.* Dr. Zampieri is unusually selfless in his commitment helping others. I can speak to his extraordinary intellectual generosity in collaborations with him, which have been quite fruitful for myself and my colleagues (e.g., PMIDs: 30105600, 30324286, 30961913, 29189271, 27495820, 25034180). He is part of the RENOVATE trial steering committee (clinicaltrials.gov NCT03643939). He is the Brazilian coordinator and part of the steering committee of Canadian Critical Care Trials Group’s HALO trial (clinicaltrials.gov NCT03378466). He serves on the CLASSIC Trial (clinicaltrials.gov NCT03668236) data monitoring safety board.

For those who prefer a quantitative approach to summarizing Dr. Zampieri’s research accomplishments: all of this has added up to over 100 (!) papers and 3,109 citations already in Google Scholar, with an H-index of 26—in the same ballpark as the current H-indices of recent stars such as Matthew Semler (currently at 27) and Hallie Prescott (currently at 26). (And these numbers are despite him writing in a non-native language!) It was my pleasure to nominate him (with John Kellum of Pitt) for the 2020 ATS International Early Career Achievement Award, which he won.

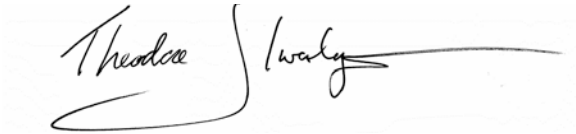
In terms of contributions to patient care and public health, I’ve alluded to Dr. Zampieri’s commitment to using his scientific enterprise to enhance rather than distract from the quality of care in the ICUs where he works. I must speak briefly to three other components of Fernando’s excellence:

- *Personal patient care:* Dr. Zampieri works as attending physician in the intensive care unit at the Hospital Vila Nova in Sao Paulo. This is a small 100 bed hospital with a 10 bed ICU with focus on oncology that has had to expand capacity to deal with the epidemic. Although we have not practiced together, I’ve talked about hard cases with him, and he seems to be a very thoughtful and insightful clinician.

- He serves as a member of the scientific committee for the Latin American Sepsis Institute, helping to coordinate their wide-ranging efforts to translate and implement cutting edge science into the diverse health systems of Brazil and the rest of South America.

In sum, Fernando Zampieri is simply remarkable. He has amassed a body of work that would be impressive in anyone, let alone an early career investigator. He is using the most rigorous of scientific methods to unbiasedly address deep questions in the bedside care and systemwide organization of critical care. He is doing so despite substantial structural disadvantages relative to North American investigators—and he does so with an unfailing commitment to collegiality, collaboration, and good humor. He embodies much of the best of what our profession seeks to be, and in the context of your amazing health system and University, the sky is the limit for what he could contribute.

Sincerely,

A handwritten signature in black ink, reading "Theodore J. Iwashyna". The signature is written in a cursive, flowing style. The first name "Theodore" is written in a larger, more prominent script, and the last name "Iwashyna" is written in a smaller, more compact script. The signature is enclosed in a light blue rectangular box.

Theodore J. Iwashyna, MD, PhD
Alpheus W Tucker, MD, Collegiate Professor of Internal Medicine



*The Center for Critical Care Nephrology
Clinical Research, Investigation, and Systems Modeling of Acute Illness
Department of Critical Care Medicine
School of Medicine*

*3347 Forbes Avenue
Suite 220, Room 203B
Pittsburgh, PA 15213
Tel: (412) 383-4223
Fax: (412) 383-4222*

March 7, 2021

Dr. Allan Garland
Professor, Department of Medicine, University of Manitoba

Re: Fernando G. Zampieri, MD, PhD

Dear Dr. Garland:

It is a great pleasure and honor to write in support of Dr. Fernando Zampieri for a position as professor at the University of Manitoba. I am a Professor of Critical Care Medicine, Medicine, Bioengineering and Clinical/Translational Sciences at the University of Pittsburgh. I hold an endowed chair in Critical Care Research and am Director of the Center for Critical Care Nephrology. My laboratory has enjoyed uninterrupted funding from the National Institutes of Health and various other sources since 1995. I am a "highly cited researcher" in the top 1% in the world according to the Institute for Scientific Information and among the top 0.01% of scientists based on impact according to a recent analysis in PLoS Biology (<https://doi.org/10.1371/journal.pbio.3000384>).

I have come to know Dr. Zampieri in the context of his research and many publications. We started interacting in 2013 when he invited me collaborate on a study arising from his thesis work (published in <https://pubmed.ncbi.nlm.nih.gov/25034180/>). Then in 2017 we began to develop the idea to design the Balanced Solution Versus Saline in Intensive Care Study (BaSICS), an 11,000-patient randomized clinical trial, one of the largest in the entire field of critical care. Fernando worked tirelessly to design and conduct this trial which is now completed, and its results being prepared for publication. I have followed Fernando's work closely over the years and I continue to be impressed with the quality of his work and the depth of his knowledge. Others have noted his talent as well and he was awarded the International Early Career Achievement Award from the American Thoracic Society (ATS) in 2020.

Dr. Zampieri is a model of an Academic Physician. He is a productive investigator with over 100 peer-reviewed research papers including publications in New England Journal of Medicine and JAMA. His H-index is 26 and he's been cited over 3,000 times. He is a member of several different professional organizations including SCCM and ATS and is active on many committees and workgroups. He serves as a reviewer for a large number of medical journals.

Dr. Zampieri's leadership abilities are quite apparent. He is a team player and commands the respect of senior investigators and clinicians by the excellence he demonstrates. Fernando is an established investigator and thought leader in the field of critical care medicine. Indeed, he is one of the brightest and most innovative investigators in our field and is a born teacher and leader.

Dr. Zampieri received his medical degree from the University of São Paulo, one the oldest and most highly respected universities in Brazil. In the last QS World University Rankings, University

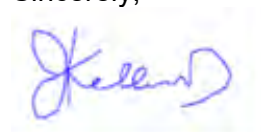
of São Paulo was ranked 115th and the medicine school was ranked 70th in the world in 2020. The university hospital (Hospital das Clínicas) is the largest hospital in Latin America. I have collaborated with many other investigators from the University of São Paulo in the past and their reputation is well-deserved as preeminent institution for medical research.

Fernando has an expanding reputation as clinical trialist. He has current funding through grants from the Brazilian Ministry of Health and from various industry sources. He continues to submit large grants and the questions he is asking are cutting-edge as are the methods he is using.

I would say without hesitation that his accomplishments would clearly be sufficient to support a Professor with Tenure Position at most, if not all, institutions in the US. He would certainly qualify for such a position here at the University of Pittsburgh. While I am not intimately familiar with the University of Manitoba, I have had long term collaborations with faculty in Toronto, Montreal, Edmonton and Vancouver. I am confident that Fernando would fit in quite well with the culture of the Canadian Clinical Trials group. I see many more honors and discoveries in his future, and I look forward to working with this trusted colleague for many years to come.

In summary, I give Dr. Fernando Zampieri my highest level of support. He is a highly celebrated expert in the field of critical care medicine, an outstanding teacher, clinician, and investigator.

Sincerely,



John A. Kellum, MD, MCCM
Endowed Chair in Critical Care Research
Professor of Critical Care Medicine, Medicine,
Bioengineering and Clinical & Translational Science
Vice Chair for Research, Department of Critical Care Medicine

Director, Center for Critical Care Nephrology
University of Pittsburgh School of Medicine
3347 Forbes Ave, Suite 220
Pittsburgh, PA 15213



**Instituto Central do Hospital das Clínicas
da Faculdade de Medicina
da Universidade de São Paulo**



To Prof. Allan Garland,

Professor of Medicine, and Community Health Sciences

University of Manitoba

Recommendation Letter for Fernando G Zampieri, MD, PhD

São Paulo, March 5th, 2021

My name is Marcelo Park, a critical care physician from University of São Paulo, Brazil. I have been leading the Medical Intensive Care Unit at Hospital das Clínicas, linked to University of São Paulo, for the past fifteen years. I am also the direct supervisor of the critical care medicine residency program at the same hospital, which is a 2-year dedicated residency in critical care medicine. This program is one of the most traditional dedicated critical care medicine residency program in Brazil.

I have met and supervised Fernando Zampieri during his ICUs rotations since he was on his internal medicine residency at the same institution in 2006. After a brilliant performance in the internal medicine residency, Fernando was admitted as a critical care resident in 2008. He was the admitted after obtaining the higher value among all candidates on both theoretical and practical skill tests on the admission test for residency. After a no less impressive performance during critical care residency, Fernando was admitted as staff physician at the institution. I had the privilege to work with him for the following 5 years, when he left Hospital das Clínicas to pursue a trialist career at HCor-Hospital do Coração, also in São Paulo. We briefly worked close once again in 2020, when Fernando came back to his *alma mater* to work on a dedicated 10-bed COVID-19 unit from May until early August 2020. By that time, all Hospital das Clínicas became a dedicated COVID-19 hospital. Fernando once again dedicated his valorous time to care for COVID-19 patients in a public hospital without hesitation.



**Instituto Central do Hospital das Clínicas
da Faculdade de Medicina
da Universidade de São Paulo**



During all the time we worked together, Fernando always exceeded at both bedside skills, interpersonal relationship, and academic leadership. I vouch for his abilities as a bedside critical care physician. Fernando is proficient in airway management, intravenous access placement and management (arterial or venous), and chest drainage. Fernando also has sufficient bedside ultrasound knowledge (US-guided central venous catheter placement; lung ultrasound; basic echocardiography) and basic knowledge in extracorporeal membrane oxygenation care.

We were very fortunate to have Fernando working with us. Fernando regrettably never had an opportunity to become a formal professor at our institution, since there are very few positions available (not more than 5 in our department) and last position opened more than 10 years ago, without new appointments being made in the meanwhile. I understood and supported his decision to move to a philanthropic hospital to work on research. I truly hope he can find a place where we can fully explore both his clinical and research abilities.

Please do not hesitate to reach me in case you need further references.

Cordially,

Marcelo Park, MD, PhD
marcelo.park@hc.fm.usp.br

Rio de Janeiro, February 26th, 2021

I was asked by Fernando G Zampieri to provide him a recommendation letter regarding his academic accomplishments in medical research and caring for critically ill patients.

I strongly recommend Dr Fernando G. Zampieri for the current academic position he is applying. Dr Zampieri is a brilliant intensivist with an impressive professional trajectory. Very early on, he was committed to clinical research, as a parallel activity to his clinical duties. Dr. Zampieri has published more than a 100 peer-review articles in high-impact journals, such as NEJM, JAMA, The Lancet among others. He is a skilled statistician and research coordinator for trials, observational studies and metanalysis. I have started collaborating with him in research projects almost 10 years ago and he always demonstrated scientific rigor, intellectual curiosity, and honesty.

Currently, I have the honor to work with Dr Zampieri in research group at the D'Or institute for research and education (idor.org) where we conduct studies on Sepsis, short and long-term outcomes, and ICU efficiency among other topics. Dr. Zampieri is also dedicating time to the Postgraduate program in medical sciences at the D'Or Institute where he supervises and mentors PhD students due his outstanding record.

Jorge A F Salluh

Jorge Salluh, MD, PhD

Senior researcher, D'or Institute

Prof. PostGrad program Federal Univ Rio de Janeiro

Pesquisador 1B, Cnpq

J.Cientista do estado do Rio de Janeiro-FAPERJ

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Dept. of Biochemistry & Medical Genetics.

Observations

1. The **Dept. of Biochemistry & Medical Genetics** proposes M.Sc. & M.Sc. Genetic Counselling supplementary regulation changes. These include a revision to the COUNS courses Genetic Counselling students must take, and an additional week (from 3 to 4 weeks) for the M.Sc. thesis examination committee to review and classify a student's thesis. Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Dept. of Biochemistry & Medical Genetics

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

October 29, 2021

Dr. Kelley Main

Acting Dean, Faculty of Graduate Studies

Dear Dr. Main,

We are requesting modifications to the Biochemistry and Genetics (BMG) Supplementary Regulations as outlined below (and in attached document with track changes) in order to improve processes in BMG and the MSc Genetic Counselling curriculum. The BMG Departmental Council has approved all changes proposed below on October 27, 2021.

4.3.1 Thesis/Practicum Route

Feedback from both the 2021 Accreditation Council for Genetic Counseling site visit report and students suggested that the benefit of COUNS0100 was limited, given the admission requirements of counselling training and experiences. After consultation with the Applied Counselling Certificate (ACC) program, it was agreed that direct entry into COUNS0200, would be more appropriate. Following COUNS 0200, MSc Genetic Counselling students would be required to take one additional ACC course, which would be selected in consultation with the program director based on student experience and interest. The relevant changes in section 4.3.1 were supported by the MSc Genetic Counselling Program Advisory Committee and the MSc Genetic Counselling Curriculum Review Subcommittee, in addition to BMG council.

4.7.1.2 Examining Committee

We are requesting to change the time for MSc thesis examination committee members to read the thesis and classify it from 4 weeks to 3 weeks. This will be consistent with the process currently practiced in our department, and also be in line with the FGS guidelines for PhD thesis review.

We are available for discussion should questions arise at jessica.hartley@umanitoba.ca and Etienne.leygue@umanitoba.ca.

Sincerely,



Jessica Hartley, MS, CGC
Program Director, MSc Genetic Counselling
Assistant Professor



Etienne Leygue, PhD
Graduate Student Affairs Committee Chair
Professor

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<ul style="list-style-type: none"> • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see <u>General Regulations - Pre-Master's</u>); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	
<p>4.3 Program Requirements</p> <p>In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. Any single course cannot be used for credit toward more than one program.</p>	See Section 1.1.11
<p>4.3.1 Thesis/Practicum Route</p> <p>A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	<p>A written thesis is required for the research-based Master's degree.</p> <p>1) Students must enroll in BGEN.7000 – Research Seminar for Master's Students (1.0 credit) every Fall and Winter term they are registered in the program (until the thesis is submitted). Students will present one seminar (approximately 20-25 minutes plus approximately 5-10 minutes questions) on his/her research topic each academic year.</p> <p>Students must attend at least 80% of the seminars in BGEN.7000 unless they have the written consent of the course coordinator (consent will only be given in exceptional cases; for example, student is out of town; student has started a new program or job and is only awaiting completion of their thesis). The course coordinator will monitor attendance and give the student (and his/her advisor) a single written warning if they are missing too many seminars. Students who do not have 80% attendance at the end of that year's seminar program will receive an F grade in the course and will be required to withdraw from the program.</p> <p>2) Students must complete a minimum of 9.0 credit hours of course work in addition to BGEN.7000 – Research Seminar for Master's Students.</p> <p>2.1) For students accepted into the BMG M.Sc. program with a research focus in Biochemistry and/or Genetics, the 9.0 credit hours must include IMED.7120 Medical Biochemistry (3.0 credits) and IMED.7170 Medical Genetics (3.0 credits). If, after</p>

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
	<p>consultation with the student's advisory committee, the course coordinator, and the Graduate Student Affairs Committee, it is deemed that a student already holds a course equivalent to IMED.7120 or IMED.7170, then alternative coursework will be selected as agreed by the student's advisor or advisory committee.</p> <p>An additional 3.0 credit hours of course work suitable for the student's academic program must be taken as agreed upon by the student and his/her advisor and/or advisory committee.</p> <p>2.2) For students accepted into the BMG M.Sc. program with a research focus in computational biology, courses in their M.Sc. program will include IMED.7280 Medical Computational Biology (3.0 credits), and either IMED.7120 Medical Biochemistry (3.0 credits) or IMED.7170 Medical Genetics (3.0 credits), BGEN 7000 Research Seminar (1.0 credit) and an additional 3.0 credit hours in course work suitable for the student's academic program as agreed upon by the student and their advisor and/or advisory committee. If after consultation with the student's advisory committee, the course coordinator and the Graduate Student Affairs Committee, it is deemed that a student already holds a course equivalent to IMED.7120 or IMED.7170, then alternative coursework will be selected as agreed by the student's advisor or advisory committee.</p> <p>For the GCP: a written thesis, clinical rotations, and 29 credit hours of coursework in addition to BGEN 7000 – Research Seminar for Master's Students are required.</p> <p>Required courses include: BGEN.7090 Principles & Practice of Human Genetics (3.0 credits), BGEN 7270 Genetic Counselling Clinic Rotation I & II (4.0 credits in total), BGEN.7142 Clinical Genetics I (3.0 credits), BGEN.7144 Clinical Genetics II (3.0 credits), IMED.7410 Biomedical Trainee Skills (3.0 credits) OR relevant 3 credit hour graduate coursework related to research methodology, selected in consultation with the program director, BGEN.7130 Genetic Epidemiology of Human Populations (3.0 credits), BGEN.7160 Theory and Practice of Genetic Counselling (3.0 credits), BGEN.7280 Advanced Genetic Counselling Clinic Rotation I & II (4.0 credits in total), and BGEN.7040 Seminars in Human Genetics (3 credits).</p> <p>In addition, GCP students must complete the Course on Research Ethics (CORE), Personal Health Information (PHIA) session, a 5-week</p>

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
	<p>external clinic rotation and two courses (both 0 credit hours) from the Applied Counselling Certificate Program, including "Counselling Skills II" (COUNS 04200). The second course will be selected from "Working with Families" (COUNS 0240), "Counselling Theories" (COUNS 0202) or "Counselling Skills II" (COUNS 0200) in consultation with the GCP Director <u>based on students experience and interest</u>. If, after consultation with the student's advisory committee, the course coordinator, and the Graduate Student Affairs Committee, it is deemed that a student already holds a course equivalent to any of the required courses, then alternative coursework will be selected as agreed by the student's advisor or advisory committee.</p> <p>All students must consult with his/her advisor or advisory committee when deciding which courses to take and submit a completed "Course Approval" form (from BMG website) to the General Office for processing.</p> <p>Students must provide the Chair of the Graduate Student Affairs committee, or designate, with the written approval of their advisory committee to withdraw from a course. Withdrawal from courses will be noted at the student's annual review meeting.</p>
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. A comprehensive examination is required for some course-based programs.</p>	<p>The Department does not offer a comprehensive examination or practicum route for a research Master's or for the GCP.</p>
<p>4.3.3 Accredited Professional Route</p> <p>The credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check department/unit supplementary regulations regarding this requirement.</p>	
<p>4.3.4 Language Requirements</p> <p>Some department/units specify a language requirement for the Master's degree. Students should check department/unit supplementary regulations regarding this requirement.</p>	<p>Proficiency in reading a language other than English is not required.</p>
<p>4.3.5 Advanced Credit</p> <p>Advance credit for courses completed prior to admission to a Master's program will be considered on a case-by-case basis. The student's department/unit must make a request to the Faculty of Graduate Studies by completing the "<u>Recommendation for Advance Credit-Transfer of Courses</u>" form.</p> <ul style="list-style-type: none"> • Application for advance credit must be made within the first year of the program (see <u>Lapse or Expiration of Credit of Courses</u>). • No more than 50% of the required coursework for the program can be achieved using advance credit. 	

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>The advisor/co-advisor will recommend an examining committee to the department/unit Head for approval, which shall then be reported to the Faculty of Graduate Studies on the “<u>Master’s Thesis/Practicum Title and Appointment of Examiners</u>” form. This form must be approved by the Dean of the Faculty of Graduate Studies at least two (2) weeks prior to the distribution of the thesis.</p> <p>Under normal circumstances, the examining committee will be the same as the advisory committee unless otherwise stipulated in the department/unit’s supplementary regulations. The examining committee must consist of a minimum of three (3) members (including the advisor/co-advisor), at least two (2) of whom must be members of the Faculty of Graduate Studies. All examiners must be deemed qualified by the department/unit Head and be willing to serve. It is expected that, under normal circumstances, examination committee members will have a Master’s degree or equivalent. The composition of, and any changes to, the examining committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. Individual department/units establish specific requirements for examination and students should consult department/unit supplementary regulations for specific requirements.</p> <p>Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining committees, regardless if they hold a rank of Adjunct Professor.</p> <p>The Head of the department/unit arranges for the distribution of the thesis/practicum to the examiners. It is the duty of all examiners to read the thesis/practicum and report on its merits according to the following categories:</p> <ul style="list-style-type: none"> • Acceptable, without modification or with minor revision(s); or • Acceptable, subject to modification and/or revision(s); or • Not acceptable. <p>If two or more examiners do not approve the thesis, then the student is deemed to have failed the distribution.</p> <p>Note that in the case of an advisor and co-advisor, both together have a single vote on the examining committee.</p>	<p>suggest modifications before it is submitted to the examination committee.</p> <p>In most circumstances, the examining committee will consist of the members of the student’s advisory committee. In consultation with the advisor, an examination committee is selected, and the Masters’ Thesis/Practicum Title and Appointment of Examiners’ form (from the Faculty of Graduate Studies website) is completed and submitted to the Faculty of Graduate Studies. The examination committee members have 34 weeks to read the thesis and classify it into one of the following categories:</p> <ol style="list-style-type: none"> 1) Acceptable without modification or with minor revisions 2) Acceptable subject to modification and/or revision(s) 3) Not acceptable. <p>One classification in category 3 or fewer from the Examining Committee and the candidate proceeds to the oral examination; two or more classifications in category 3 constitutes a “fail” of the written Thesis.</p> <p>In the event that the student fails the written thesis, the Chair shall provide the Faculty of Graduate Studies a detailed report, and a second examination of the revised thesis will be scheduled within six months. Should the revised thesis not be approved, the student may be required to withdraw from the Master’s program.</p>
<p>4.7.1.3 Oral Examination</p> <p>For department/units requiring students to pass an oral examination on the subject of the thesis/practicum and matters relating thereto, the format of the oral examination is described in the supplementary regulations of the department/unit. Students should consult these supplementary regulations for specific requirements. A student has the right to an examination of the thesis/practicum if they believe it is ready for examination. It is the department/unit’s responsibility to advise the student of any risk involved should they decide to proceed against the department/unit’s recommendation.</p> <p>The examining process should be completed within one (1) month of distribution of the thesis/practicum to the examining committee.</p> <p>Normally, all members of the examining committee should be present in-person at the examination. Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may participate electronically. Only under very exceptional circumstances can the student or the Advisor/Co-advisor participate electronically. No recording devices will be permitted. The oral examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, Université de Saint-Boniface, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours. The oral examination shall be open to all members of The University of Manitoba community except in exceptional cases. The oral examination may be closed, for example, when</p>	<p>Oral Examination: Students must pass an oral examination on the subject of the thesis and related matters. The Chair of the Graduate Student Affairs Committee, or designate, will schedule a public oral defense of the thesis after receiving the thesis examination committee’s report that the written thesis falls into one of the two ‘acceptable’ categories. The oral examination committee will consist of the members of the thesis examination committee and the Chair of the Graduate Student Affairs committee, or designate, who will serve as the Chair.</p> <p>The first part of the examination will consist of an oral presentation by the candidate, which should include a maximum 20-minute oral summary of the salient points of the research findings. This presentation will be followed by the examination of the candidate by the oral examination committee. This part of the examination should not normally exceed an additional 60 minutes. The Chair will be responsible for maintaining the relevance of questioning, and ensuring that the time limits are</p>



**University
of Manitoba**

Office of the Registrar and
Enrolment Services

421 University Centre
Winnipeg, Manitoba
Canada R3T 2N2
T: 204-474-8820
F: 204-474-7554

TO: Jeff Leclerc, University Secretary

FROM: Jeff Adams, University Registrar and Executive Director, Enrolment Services

DATE: March 21, 2022

Subject: 2022-23 Academic Schedule Changes – Faculty of Education

The Bachelor of Education program follows an irregular schedule. A couple of minor date changes, primarily associated with practicum blocks are required. Once approved this information will be communicated to existing and incoming students.

CC:

Karen Ragoonaden, Dean, Faculty of Education

Martha Koch, Associate Dean, Faculty of Education

Shannon Coyston, Associate University Secretary (Senate)

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.



University
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Faculty of Education

From: Karen Ragoonaden, Dean Faculty of Education
Martha Koch, Associate Dean Undergraduate and Partnerships,
To: Jeff Adams, University Registrar
Re: Senate approval for schedule changes in Faculty of Education B.Ed program
Date: March 16, 2022

The Faculty of Education is seeking UM approval for the following minor schedule changes for the B.Ed program. The B.Ed Program follows an irregular schedule. In addition, non-practicum courses in the program follow a different schedule than practicum courses.

In our prior Academic Schedule Request for Information for 2022-2023 (attached), we had indicated the last day of Fall Term practicum as Dec 13, 2022 and need to revise this to Dec 14, 2022. We had also indicated the last day of Winter Term practicum as April 26, 2023 and need to revise this to April 27, 2023. We have highlighted these changes in yellow on the attached Revised Academic Schedule request. We have also identified two dates as B.Ed Program Days that fall within the existing program dates.

In summary, the **revised Dates for B.Ed courses** which we are submitting for UM approval are:

B.Ed practicum courses for Fall Term:

Practicum Blocks: Sep 7-9, 2022; Nov 15-Dec 14, 2022
Practicum Mondays: Sep 12, 26, Oct 24, 31 2022
MTS PD Day: Friday, Oct 21, 2022
B.Ed Program Day: Monday, Nov 14, 2022

B.Ed practicum courses for Winter Term:

Practicum Blocks: Mar 20-24, 2023; Apr 3-27, 2023
Practicum Mondays: Jan 16, 23, 30, Feb 6, 13, 27, Mar 6, 13, 2023
B.Ed Program Day: Monday, Jan 9, 2023

As is our usual approach, this information will be shared with students at the time of admission and repeated in ongoing communications including UM email, newsletters, and in the B.Ed practicum handbook – in addition to appearing in the UM Academic Calendar.

2022-2023 Academic Schedule – Request for Information

Academic Unit:	Education
Specific program (if applicable):	Bachelor of Education
Contact person name and title:	Rita Courchaine, Manager, Finance & Administration
Contact person phone number:	204-474-9008

Instructions:

- For dates that normally follow the regular academic schedule, please note “REGULAR”.
- For dates that normally differ from the regular academic schedule, please provide the specific 2022-2023 dates, *even if those dates have never before been included in the formal version of this schedule.*
- For dates that vary by year in the program, please note this and list all applicable dates.
- For any date that you are uncertain of, please include it and we will follow up with you.

***All dates are tentative and dependent on decisions made by K – 12 schools during and post-pandemic.**

Mandatory Orientation dates:	All B.Ed. Students: Tuesday, September 6, 2022
Fall Term Classes Start and End dates:	Daytime: Tuesday, September 13, 2022 and Wednesday, November 9, 2022
Winter Term Classes Start and End dates:	Daytime: Tuesday, January 10, 2023 and Friday, March 17, 2023
Fall Term break:	November 10 to 11, 2022
Winter Term break:	February 21 to 24, 2023 REGULAR
Fall Exam/Test dates:	As required, Saturday, November 5, 2022
Winter Exam/Test dates:	As required, Saturday, March 18, 2023
Other Fall start date(s): e.g. practicum, fieldwork, etc.	Practicum Blocks: Sep 7-9, 2022; Nov 14-Dec 13, 2022 Nov 15 -Dec 14, 2022 Practicum Mondays: Sep 12, 26, Oct 24, 31, 2022 MTS PD Day: Friday, Oct 21, 2022 B.Ed Program Day: Mon Nov 14, 2022
Other Winter start date(s): e.g. practicum, fieldwork, etc.	Practicum Blocks: Mar 20-24, 2023; Apr 3-26, 2023 Apr 27, 2023 Practicum Mondays: Jan 9, 16, 23, 30, Feb 6, 13, 27, Mar 6, 13, 2023 B.Ed Program Day: Mon Jan 9, 2023
All Summer Term dates relevant to your program, or special summer offerings:	
Other:	Winter Practicum Break: March 27 to 31, 2023



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T: 204-474-8820
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TO: Jeff Leclerc, University Secretary

FROM: Jeff Adams, University Registrar and Executive Director, Enrolment Services

DATE: April 12, 2022

Subject: 2022-23 Academic Schedule Modification – College of Nursing

The College of Nursing is seeking approval to add a third intake to the Bachelor of Nursing program, this intake would begin each summer term. From an academic scheduling perspective, courses scheduled in the summer term would follow the regular academic schedule. The only unique date that requires approval to be added to the academic schedule are the dates associated with summer orientation for new students. The proposed orientation dates for the 2023 summer term are May 3rd and 4th, 2023. If approved these dates would be added to the 2022-23 academic schedule as long as the President approves the increase of the admission target which would allow for the creation of the summer intake.

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.

CC:

Brian Postl, Dean and Vice-Provost, Rady Faculty of Health Sciences

Netha Dyck, Dean, College of Nursing

Shannon Coyston, Associate University Secretary (Senate)

College of Nursing

Helen Glass Centre for Nursing
Winnipeg, MB
Canada R3T 2N2
Telephone 204-474-7452
Fax 204-474-7682

Date: March 29, 2022

To: Jeff Adams, University Registrar and Executive Director, Enrolment Services

From: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

Re: Proposed Changes to the 2022-23 Academic Schedule for the Bachelor of Nursing Program

The College of Nursing is seeking approval of the proposed changes to the 2022-2023 Academic Schedule for the Bachelor of Nursing program.

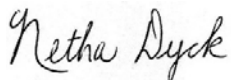
The College of Nursing is proposing a 120 seat increase to the Bachelor of Nursing program, which would be accomplished by adding a third intake of students in the summer. The Bachelor of Nursing program will continue to follow the regular academic schedule for all three terms. As well, the Orientation for the Summer Term will be held May 3 and 4, 2023.

These proposed changes are contingent on the President's approval of the increase to the admission target.

The proposed changes to the Academic Schedule were approved by the College of Nursing Council on March 29, 2022.

Thank you for your consideration of the proposed changes to the Academic Schedule for 2022-2023.

Sincerely,



Dean, College of Nursing

Senate Membership 2022-2023

President

Michael Benarroch 2020.07.01

Chancellor

Anne Mahon 2019.06.01

Vice-Presidents

Provost and Vice-President (Academic)	Diane Hiebert-Murphy	2021.07.01
Vice-President (Administration)	Naomi Andrew	2020.08.31
Vice-President (External)	Vanessa Koldingnes*	2021.12.04
Vice-President (Indigenous)	Catherine Cook	2020.01.01
Vice-President (Research and International)	Digvir Jayas	2009.04.28

Deans of Faculties

Agricultural and Food Sciences	Martin Scanlon	2019.01.01
Architecture	Mira (Mimi) Locher	2021.07.01
Arts	Jeffery Taylor	2011.09.01
Clayton H. Riddell Faculty of Environment, Earth, and Resources	Stephan Pflugmacher Lima	2020.09.01
Education	Karen Ragoonaden	2021.07.01
Extended Education	Rod Lastra*	2022.02.01
Graduate Studies	Kelley Main*	2021.01.01
I.H. Asper School of Business	Bruno Silvestre*	2021.09.01
Kinesiology and Recreation Management	Douglas Brown	2013.09.01
Law	Richard Jochelson	2021.07.01
Marcel A. Desautels Faculty of Music	Edward Jurkowski	2019.01.01
Price Faculty of Engineering	Marcia Friesen	2021.01.01
Rady Faculty of Health Sciences	Brian Postl	2014.02.01
School of Art	Edward Jurkowski*	2020.07.01
Science	Brian Mark	2021.07.01
Social Work	Michael Yellow Bird	2019.07.01
University Librarian	Lisa O'Hara	2018.10.01
Vice-Provost (Students)	Laurie Schnarr	2019.06.01

Deans of Constituent Colleges

Dr. Gerald Niznick College of Dentistry	Anastasia Kelekis-Cholakis	2019.07.01
Max Rady College of Medicine	Brian Postl	2010.07.01
Nursing	Netha Dyck	2018.02.01
Pharmacy	Lalitha Raman-Wilms	2017.08.01
Rehabilitation Sciences	Reginald Urbanowski	2016.06.01
University College	Jeffery Taylor*	2011.09.01

Appointed by the Board of Governors

TBA	2022.06.01 – 2023.05.31
TBA	2022.06.01 – 2023.05.31

Members-at-large

N/A

President of UMSU

Jaron Rykiss	2022.05.01 - 2023.04.30
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Appointed by Alumni Association

TBA	2021.06.01 - 2023.05.31
TBA	2022.10.01 - 2024.05.31

Elected by Faculty and School Councils

Agricultural and Food Sciences	David Lobb	2020.06.01 – 2023.05.31
	Nazim Cicek	2015.06.01 – 2024.05.31
	Jitendra Paliwal	2021.06.01 – 2024.05.31
	Kateryn Rochon	2022.06.01 – 2025.05.31
	(l/r Robert Currie)	2022.06.01 – 2022.06.30
Architecture	Shauna Mallory-Hill	2020.06.01 – 2023.05.31
	Mercedes Garcia-Holguera	2020.05.01 – 2025.05.31
Art, School of	Grace Nickel	2021.02.08 – 2023.05.31
Arts	Tina Chen	2011.06.01 – 2023.05.31
	Greg Sobie	2015.06.01 – 2023.05.31
	David Watt	2020.06.01 – 2023.05.31
	Shawna Ferris	2021.06.01 – 2024.05.31
	Jila Ghomeshi	2021.06.01 – 2024.05.31
	Mark Hudson	2021.06.01 – 2024.05.31
	Susan Prentice	2018.06.01 – 2024.05.31
	Robert Chernomas	2022.06.01 – 2025.05.31
	David Churchill	2022.06.01 – 2025.05.31
	Julia Gamble	2022.06.01 – 2025.05.31
	Dana Medoro	2022.06.01 – 2025.05.31
Clayton H. Riddell Faculty of Environment, Earth and Resources	John Sinclair	2021.06.01 – 2024.05.31
	Michael Campbell	2022.06.01 – 2025.05.31
Education	Amy Farrell	2020.06.01 – 2023.05.31
	Sandra Kouritzin	2022.06.01 – 2025.05.31
Extended Education	Marcia McKenzie	2020.06.01 – 2023.05.31

I.H. Asper School of Business	Robert Biscontri	2014.06.01 – 2023.05.31
	Nathan Greidanus	2021.06.01 – 2024.05.31
	Jieying Chen	2022.06.01 – 2025.05.31
Kinesiology and Recreation Management	Russell Field	2020.06.01 – 2023.05.31
	(l/r) Christine Van Winkle	2022.01.01 – 2022.06.30
	Sarah Teetzel	2022.06.01 – 2025.05.31
Law	Kjell Anderson	2022.06.01 – 2025.05.31
Libraries	Christine Neilson	2020.06.01 – 2023.05.31
	Maureen Babb	2021.06.01 – 2024.06.01
Marcel A. Desautels Faculty of Music	Colette Simonot-Maiello	2020.06.01 – 2023.05.31
	Victoria Sparks	2020.06.01 – 2023.05.31
Price Faculty of Engineering	James Blatz	2017.06.01 – 2023.05.31
	Shawn Clark	2017.06.01 – 2023.05.31
	Ian Jeffrey	2020.06.01 – 2023.05.31
	Derek Oliver	2015.06.01 – 2024.05.31
Rady Faculty of Health Sciences	Silvia Alessi-Severini	2017.02.03 – 2023.05.31
	Eftekhar Eftekharpour	2020.06.01 – 2023.05.31
	Chase Figley	2020.06.01 – 2023.05.31
	Josée Lavoie	2020.06.01 – 2023.05.31
	Denise Mackey	2020.06.01 – 2023.05.31
	Quais Mujawar	2020.06.01 – 2023.05.31
	Jean-Eric Ghia	2021.06.01 – 2024.05.31
	Andrew Halayko	2021.06.01 – 2024.05.31
	Laura MacDonald	2021.06.01 – 2024.05.31
	Kirk McManus	2021.06.01 – 2024.05.31
	Trenna Reeve	2018.06.01 – 2024.05.31
	Sandra Webber	2021.06.01 – 2024.05.31
	Fred Zeiler	2021.06.01 – 2024.05.31
	Lynda Balneaves	2022.06.01 – 2025.05.31
	Marnie Kramer	2022.06.01 – 2025.05.31
	Francine Laurencelle	2022.06.01 – 2025.05.31
	Donna Martin	2021.10.27 – 2025.05.31
	Jason Peeler	2019.06.01 – 2025.05.31
	Genevieve Thompson	2019.06.01 – 2022.05.31
	Geoffrey Tranmer	2019.06.01 – 2022.05.31
Science	John Anderson	2008.06.01 – 2023.05.31
	Myrle Ballard	2020.06.01 – 2023.05.31
	(l/r Rasit Eskicioglu)	2022.01.01 – 2022.12.31
	Kevin Scott	2020.06.01 – 2023.05.31
	Andrea Bunt	2021.06.01 – 2024.05.31
	Peter Blunden	2015.06.01 – 2024.05.31
	Mike Shaw	2018.06.01 – 2024.05.31
	Julien Arino	2022.01.01 – 2025.05.31
	Adam Clay	2022.06.01 – 2025.05.31
	John Sorensen	2019.06.01 – 2025.05.31

Social Work	Tracey Bone	2017.08.14 – 2023.05.31
	Hai Luo	2021.06.01 – 2024.05.31
	Rusty Souleymanov	2019.06.01 – 2025.05.31

Student Affairs	David Ness	2020.06.01 – 2023.05.31
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Indigenous Senators

Debra Beach Ducharme	Health Sciences	2022.06.01 – 2024.05.31
Melanie Morris	Health Sciences	2022.06.01 – 2024.05.31
Marcia Anderson	Health Sciences	2022.06.01 – 2025.05.31
Margaret Hart	Health Science	2022.06.01 – 2025.05.31
Jeremy Patzer	Arts	2022.06.01 – 2025.05.31

Members at Large

N/A

Heads of Affiliated or Member Institutions

St. Andrew's College	Roman Bozyk*	2003.05.01
St. John's College	Allison Abra	2021.07.26
St. Paul's College	Christopher Adams	2012.07.01
Université de Saint-Boniface	Sophie Bouffard	2019.08.01

Deputy Minister of Education

Deputy Minister of Economic Development and Training (or designate)	Joe Funk (designate)
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Elected by the Students (2022.05.01 – 2023.04.30)

Agricultural & Food Sciences	Caitlyn Carkener
Architecture	vacancy
Art, School of	Rebecca Smith
Arts	Clèche Kokolo, Zlata Odribets, Vhaibav Varma
Clayton H. Riddell Faculty of Environment, Earth and Resources	Annabelle Leger
Education	vacancy, vacancy
Graduate Studies	AKM Monsurul Alam, William Dowie, Uche Nwanko
I.H. Asper School of Business	Cole Hutchison, vacancy
Kinesiology and Recreation Management	vacancy
Law	Diana Gutierrez
Marcel A. Desautels Faculty of Music	vacancy
Price Faculty of Engineering	Kassem Harb, Tristan Dobrowney
Rady Faculty of Health Sciences:	
Dr. Gerald Niznick College of Dentistry/Dental Hygiene	vacancy
Max Rady College of Medicine	Nick de Hoop
Nursing	Mishika Singla
Pharmacy	Michelle Baier
Rehabilitation Sciences	Rachel Antymis
Science	Emily Kalo, Paul Layug, Dana Segal
Social Work	vacancy

Assessors

Associate Vice-President (Partnerships)
Associate Vice-President (Research)
Associate Vice-President (Students, Community and
Cultural Integration

Jay Doering
Annemieke Farenhorst

Christine Cyr

Associate Vice-President (Scholarship, Research
and Curriculum)
Extended Education, Associate Dean
Faculty of Graduate Studies, Associate Dean
Graduate Students' Association (GSA), President
Senate Committee on Curriculum and Course
Changes (SCCCC), Chair
Senate Planning and Priorities Committee (SPPC),
Chair
Student Engagement and Success, Executive Director
Student Support, Executive Director
Université de Saint-Boniface
University of Manitoba Faculty Association (UMFA)
University of Manitoba Students' Union (UMSU),
Vice-President
University Registrar and Enrolment Services,
Executive Director
University 1 Students
Vice-Provost (Academic Affairs)
Vice-Provost (Academic Planning and Programs)
Vice-Provost (Teaching and Learning), and
Centre for the Advancement of Teaching and
Learning, Executive Director

Cary Miller
Kari Kumar
Stephen Kirkland
Silvia Sekander
Dean McNeill*

N/A

Brandy Usick
Don Stewart
Debra Radi
Erik Thomson
Victoria Romero

Jeff Adams

vacancy, vacancy, vacancy
Tracey Peter
Greg Smith
Mark Torchia

* = acting

l/r = leave replacement

red = replacement still to be named

updated May 3, 2022

SCHEDULE OF MEETINGS AND AGENDA AVAILABILITY SENATE AND SENATE EXECUTIVE COMMITTEE

Date for Items to the Secretary	Agenda to the Executive Committee	Executive Committee Meetings ^{1, 2}	Agenda available to Senate Members	Senate Meetings ¹
May 25, 2022 ³	June 1, 2022	Friday, June 10, 2022 ²	June 15, 2022	June 22, 2022
September 7, 2022	September 14, 2022	September 21, 2022	September 28, 2022	Thursday, October 6, 2022
October 5, 2022	October 12, 2022	9:30 a.m. October 19, 2022 ²	October 26, 2022	November 2, 2022
November 9, 2022	November 16, 2022	November 23, 2022	November 30, 2022	December 7, 2022
November 30, 2022	December 7, 2022	December 14, 2022	December 21, 2022	January 11, 2023
January 5, 2023	January 12, 2023	January 18, 2023	January 25, 2023	February 1, 2023
February 1, 2023	February 8, 2023	February 15, 2023	February 22, 2023	March 1, 2023
March 8, 2023	March 15, 2023	March 22, 2023	March 29, 2023	April 5, 2023 ⁴
April 19, 2023	April 26, 2023	May 3, 2023	May 10, 2023	May 17, 2023 ⁵
May 24, 2023 ³	May 31, 2023	June 7, 2023	June 14, 2023	June 21, 2023
September 6, 2023	September 13, 2023	September 20, 2023	September 27, 2023	October 4, 2023
October 4, 2023	October 11, 2023	October 18, 2023	October 25, 2023	November 1, 2023
November 8, 2023	November 15, 2023	November 22, 2023	November 29, 2023	December 6, 2023

- Meetings are normally scheduled at 1:30 p.m. on Wednesdays. Senate Executive meetings are held in the Alan A. Borger Sr. Executive Conference Room, E1-270 EITC. Senate meetings are held in the Senate Chambers, Room E3-262 EITC (*pending a return to in-person meetings*).
- Exceptions are that (i) Senate Executive will meet on Friday, June 10, 2022, and at 9:30 a.m. on October 19, 2022, due to Spring Convocation and Fall Convocation, respectively, and (iii) Senate will meet on Thursday, October 6, 2022, and (iv) Thursday, October 2, 2023, as Yom Kippur falls on the Wednesday.
- Latest date by which to submit items for June Senate agenda, where approval is required in time for the subsequent academic session.
- April 5, 2023 is the proposed date for the Senate meeting to be held at the Bannatyne Campus, in the Frederic Gaspard Theatre, 2nd Floor, Basic Medical Sciences Building (*pending a return to in-person meetings*).
- Senate meets the third Wednesday in May to consider the list of graduands for Senate approval.

Preamble

1. The terms of reference for the Senate Committee on Academic Accommodation Appeals are found at the link:
[University of Manitoba - Senate Committee on Academic Accommodation Appeals \(umanitoba.ca\)](http://umanitoba.ca)
2. In accordance with the Student Accessibility Appeal Procedure, if a student or an Academic Staff Member does not agree with the decision of the Coordinator of Student Accessibility Services (SAS) regarding a request for reconsideration of a proposed accommodation, the student or Academic Staff Member may file a formal appeal to the Senate Committee on Academic Accommodation Appeals.

The Committee will meet to determine whether there are grounds to hear the appeal and whether the appeal falls within the jurisdiction of the Committee. The Committee will determine the appropriate accommodation on the basis of the student's disability and the Bona Fide Academic Requirements or Essential Skills Document of the course or program.

Observations

1. Members of the Committee for 2021 - 2022 were: Prof. R. Hoppa, Chair (Arts); Prof. T. Arnold (Health Sciences); Prof. T. Ashcroft (Health Sciences); Prof. N. Hansen (Graduate Studies); Professor C. Kelly (Health Sciences); Prof. K. Koczanski (Science); Ms. C. Madden (Science); Prof. Y. Martsynyuk (Science); Prof. C. Miller (Vice-President, Indigenous); Ms. S. Phillips (student, Science); Mr. R. Talukder (student, Graduate Studies); Prof. V. Torrie (Law); Prof. E. Troutt (Arts); Prof. V. Warne (Arts)
2. The Committee did not receive any appeals during the reporting period.

Respectfully submitted,

Dr. Robert Hoppa, Chair
Senate Committee on Academic Accommodation Appeals

Annual Report of the Senate Committee on Academic Computing

Preamble

The current terms of reference for the Senate Committee on Academic Computing are found on the University Governance website at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Academic_Computing_Terms_of_Reference.pdf

Observations

1. Members of the Committee for 2021-2022 were:

Mark Torchia (Vice-Provost (Teaching and Learning)), Chair
Franklin Bristow (Science)
Sol Chu (Centre for the Advancement of Teaching and Learning)
Jay Doering [Associate Vice-President (Partnerships)]
James Gilchrist (Health Sciences)
Ian Jeffrey (Engineering)
Kari Kumar (Extended Education)
Mario Lebar (CIO, Information Services and Technology)
Neil McArthur (Arts)
Lisa O'Hara (Vice-Provost (Libraries) and University Librarian)
Martin Scanlon (Agricultural and Food Sciences)
Reg Urbanowski (Health Sciences)
David Walker (Environment, Earth, and Resources)
A.K.M. Monsurul Alam (graduate student)
Jordan Beck (graduate student)
Alexandre Morakis (student)
Jessica Ritchie (student)
Gilbert Detillieux (technical resource, Computer Science)
Lynette Phyfe (resource, the Centre for the Advancement of Teaching and Learning)

2. During the reporting period, the Committee met on September 8, 2021 and February 9, 2022. The committee is next scheduled to meet on May 11, 2022.
3. The Committee participated in a presentation on Social VR (virtual reality) and its applicability and utility in Post-Secondary Education.
4. The Committee took part in a presentation from The Centre regarding a process implementation for the consideration and procurement of University of Manitoba enterprise-wide software for teaching and learning.

5. The Committee received updates on a number of ongoing matters and projects:

- UMLearn Upgrades and Integrations
- Wireless expansion project
- Libraries technology upgrades and initiatives
- Information Technology (IT) Status and Initiatives
- Learning Management System

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Mark Torchia', is positioned above the printed name.

Dr. Mark Torchia, Chair
Senate Committee on Academic Computing

Annual Report of the Senate Committee on Academic Dress

Preamble

Terms of Reference for the Senate Committee on Academic Dress can be found at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Academic_Dress_Terms_of_Reference.pdf

Observations

1. Committee members (2021-2022):
Edward Jurkowski (School of Art), Chair
Kelley Beaverford (Architecture)
Wen Zhong (Agricultural and Food Sciences)
Jeff Adams (Registrar)
Rubel Talukder (graduate student)
Kyra Cebula (undergraduate student)
2. The Committee met once, virtually, during the reporting period on May 3, 2021.
3. During this period the Committee reported to Senate on June 16, 2021 and recommended a hood for the Master of Human Rights.
4. The Committee is scheduled to meet next on May 2, 2022.

Respectfully submitted,

Dean Edward Jurkowski, Chair
Senate Committee on Academic Dress

Annual Report of the Senate Committee on Academic Freedom

Preamble

The [Terms of Reference](#) for the Senate Committee on Academic Freedom can be found on the University Governance website.

Observations

1. Committee members 2021-2022:
AKM Monsurul Alam (Student, Graduate Studies), F. Litwiller (Kinesiology and Recreation Management), C. Simonot-Maiello (Music), J. Taylor (Arts), P. Thulasiraman (Science), J. van Lierop (Science)
Terms ending May 31, 2021: A. Azeez (Student, Graduate Studies), E. Kalo (Student, Science)
Term ending December 31, 2021: N. Greidanus (Management)
2. The committee did not meet during the reporting period.

Respectfully submitted,
Jeff M. Leclerc, University Secretary

Annual Report of the Senate Committee on Academic Review

Preamble

1. The [terms of reference](#) for the Senate Committee on Academic Review (SCAR) are found on the University Governance website.
2. For the reporting period May 2021 – April 2022.

Observations

1. Committee members (2021 - 2022):
G. Smith (Vice-Provost (Academic Planning and Programs), Chair and designate for Provost and Vice-President (Academic) (April 2022 - present)), D. Hiebert-Murphy (Provost and Vice-President (Academic)), Chair (January – March 2022), ADM Monsurul Alam (Student, Graduate Studies), T. Chen (Arts), S. Clark (Engineering), N. Dyck (Dean, College of Nursing), K. Levasseur (Arts), K. Main (Dean, Graduate Studies), K. O'Brien (Student, Social Work), R. Thulasiram (Science)
Term ended: December 31, 2022, T. Mondor (Chair and designate, Provost and Vice-President (Academic))
Terms ended May 31, 2022: A. Azeez (Student, Graduate Studies), J. Ritchie (Student)
2. The Committee met once during the reporting period, on March 25, 2022, to consider a periodic report from the James W. Burns Leadership Institute and a request from Ongomiizwin (Indigenous Institute of Health and Healing) for an extension to the Institute's mandate, to give the Institute time to finalize its periodic report.
3. In the current and previous year, the Committee met less frequently than it normally would, as the academic program review process was suspended temporarily due to the COVID-19 pandemic.
4. During this period, the Committee reported to Senate on the following matters:
 - Summary of a combined undergraduate / graduate program review in Statistics (Senate, May 19, 2021)

Respectfully submitted,

Dr. Greg Smith
Senate Committee on Academic Review

Preamble

1. The terms of reference for the Senate Committee on Admissions Appeals are found at the link:
https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Admission_Appeals_Terms_of_Reference.pdf
2. The Committee is charged to hear and determine appeals from:
 - a) decisions of faculty and school Selection Committees;
 - b) administrative decisions affecting the admission process;
 - c) decisions related to the transfer of credit policy of the faculty/school; and
 - d) the possible granting of advanced standing.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and recommend any changes in admission policies and procedures which should be considered as a result of the appeal.

Observations

1. Members of the Committee for 2021 - 2022 were: Dean D. Mandzuk, Chair until May 31, 2021 (Education); Professor D. Oliver, Chair (Engineering); Professor B. Hann, Vice-Chair (Science); Professor R. Cardwell, (Agricultural & Food Sciences); Ms. K. Cebula, (student, Science); Professor M. Domaratzki, (Science); Ms. S. George, (student, Arts); Professor N. Harder, (Health Sciences); Professor J. Paliwal, (Engineering); Ms. S. Phillips (student, Science); Ms. H. Ritter (student, School of Art); Professor J. Schulz, (Law); Mr. B. Scott (President of UMSU (Ex-Officio); Professor S. Sivaramakrishnan, (Management); Ms. E. Stone, (Director of Admissions - Ex Officio - Non-voting) ; Professor L. Strachan (Kinesiology & Recreation Management); Professor L. Tromly, (Arts); Professor K. Wilson Baptist (Architecture); Professor J. Young (Science).
2. The Senate Committee on Admissions Appeals reports to Senate on an ongoing basis as appeals are heard. During the reporting period the Committee received 2 appeals which are summarized below:

#	Faculty	Decision
1	Faculty of Graduate Studies	Insufficient grounds to proceed to a hearing.
1	College of Medicine	Insufficient grounds to proceed to a hearing.

Respectfully submitted,

Dr. D. Oliver, Chair
Senate Committee on Admission Appeals

**ANNUAL REPORT OF THE SENATE COMMITTEE ON ADMISSIONS (SCADM)
FOR THE YEAR FROM MAY 1, 2021 TO APRIL 30, 2022**

The terms of reference for the Senate Committee on Admissions (SCADM) are found on the University website at:

http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm

The committee membership is as follows:

<u>Incumbent</u>	<u>Position</u>	<u>Composition</u>
Laurie Schnarr	Vice-Provost (Students)	(1) VP (Academic) or designate, Chair
Erin Stone	Deputy Registrar and Director of Admissions	(2) Vice Provost (Student Affairs) or designate
Jeff Adams	University Registrar and Executive Director, Enrolment Services	(3) University Registrar and Executive Director (Enrolment Services)
Dr. Heidi Marx	Dean, Faculty of Arts	(4) Dean, Faculty of Arts or designate
Dr. Sean McKenna	Associate Dean (Undergraduate), Faculty of Science	(4) Dean, Faculty of Science or designate
Dr. Sara Goulet	Associate Dean (Admissions), Max Rady College of Medicine	(4) Dean, Max Rady College of Medicine & Rady Faculty of Health Sciences or designate
Dr. David Mandzuk	Dean, Extended Education	(5) Senate-appointed dean/director
Dr. Edward Jurkowski	Dean, Desautels Faculty of Music	(5) Senate-appointed dean/director
Dr. Rusty Souleymanov	Faculty of Social Work, Assistant Professor	(6) Senate Appointee
Dr. Robert Biscontri	Asper School of Business, Assistant Professor	(6) Senate Appointee
Dr. Sarah Teetzel	Faculty of Kinesiology and Recreation Management, Associate Dean (Undergraduate Education)	(6) Senate Appointee
Dr. Derek Brewin	Faculty of Agricultural and Food Sciences, Head of the Department Agribusiness and Ag. Economics, Professor	(6) Senate Appointee

Dr. Karen Dow	Faculty of Engineering, Assistant Professor	(6) Senate Appointee
Dr. Mojgan Rastegar	Max Rady College of Medicine, Rady Faculty of Health Sciences, Associate Professor	(6) Senate Appointee
Serena Phillips	Faculty of Science, Student Representative	(7) Student
Mira Villegas	Max Rady College of Medicine	(7) Student
William Dowie	Graduate Studies, Student Representative	(7) Student
Vacant (Declined)	Declined	(8) Deputy Minister of Education (or designate)
Kelly Teixeira	University Advisor, St. John's Ravenscourt	(9) Counsellor from a Manitoba high school

Subsequent to the previous Annual Report, SCADM met on May 11, 2021, June 15, 2021, September 1, 2021, September 29, 2021, October 27, 2021, January 25, 2022, February 22, 2022, March 22, 2022, April 19, 2022.

- 1. Faculty of Education** - SCADM reviewed a proposal from the Faculty of Education to modify the admission requirements for the Bachelor of Education Degree Program, effective for the fall 2022 intake. Endorsed by the Senate Committee on Admissions on May 11, 2021. Approved by Senate on June 16, 2021.
- 2. Faculty of Law** - SCADM reviewed a proposal from the Faculty of Law to modify the admission requirements for the JD Program Index Score Category, effective for the fall 2022 intake. Endorsed by the Senate Committee on Admissions on May 11, 2021. Approved by Senate on June 16, 2021.
- 3. Faculty of Science** - SCADM reviewed a proposal from the Faculty of Science to modify their advanced admission requirements, effective for the fall 2022 intake. Endorsed by the Senate Committee on Admissions on May 11, 2021. Approved by Senate on June 16, 2021.
- 4. College of Rehabilitation Sciences** - SCADM reviewed a proposal from the College of Rehabilitation Sciences to modify the admission requirements for the Bachelor of Respiratory Therapy degree program. The proposal was withdrawn by the College.
- 5. Faculty of Education** - SCADM reviewed a proposal from the Faculty of Education to modify the admission requirements for the Bachelor of Education Degree Program,

effective for the fall 2022 intake. Endorsed by the Senate Committee on Admissions on June 15th, 2021. Approved by Senate on October 6, 2021.

6. **Price Faculty of Engineering** - SCADM reviewed a proposal from Price Faculty of Engineering to modify the admission requirements for the Preliminary Engineering Program, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on September 29, 2021. Approved by Senate on January 12, 2022.
7. **Clayton H. Riddell Faculty of Environment, Earth and Resources** - SCADM reviewed a proposal from Clayton H. Riddell Faculty of Environment, Earth and Resources to establish a B. Sc. (Hons.) and a B. Sc. (Maj.) in Environmental Geoscience, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on October 27, 2021. Approved by Senate on March 2, 2022.
8. **Faculty of Social Work** - SCADM reviewed a proposal from the Faculty of Social Work to modify the admission requirements for the Bachelor of Social Work Inner City ACCESS site, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on January 25, 2022. Approved by Senate on March 2, 2022.
9. **Faculty of Social Work** - SCADM reviewed a proposal from the Faculty of Social Work to modify the admission requirements for the Bachelor of Social Work Northern ACCESS site, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on January 25, 2022. Approved by Senate on March 2, 2022.
10. **Faculty of Social Work** - SCADM reviewed a proposal from the Faculty of Social Work to modify the admission requirements for the Bachelor of Social Work program Fort Garry, Distance Delivery and Northern (Externals), effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on January 25, 2022. Approved by Senate on March 2, 2022.
11. **Office of the Registrar and Enrolment Services** - SCADM reviewed a proposal from the Office of the Registrar and Enrolment Services to modify the general entrance admission requirements for direct entry admission, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on January 25, 2022. Approved by Senate on March 2, 2022.
12. **Price Faculty of Engineering** - SCADM reviewed a proposal from Price Faculty of Engineering to modify the admission requirements for the Preliminary Engineering

Program, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on February 22, 2022. Will be considered by Senate in due course.

- 13. Faculty of Education** - SCADM reviewed a proposal from the Faculty of Education to modify the admission requirements for the Bachelor of Education degree program - Senior Years Music Teachable Majors, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on February 22, 2022. Approved by Senate on April 6, 2022.
- 14. Rady Faculty of Health Sciences** - SCADM reviewed a proposal from Rady Faculty of Health Sciences to revise the appeal process related to admission decisions for the Undergraduate Medical Education Program in the Max Rady College of Medicine. The proposal was withdrawn by the Faculty.
- 15. Rady Faculty of Health Sciences** - SCADM reviewed a proposal from Rady Faculty of Health Sciences to approve the amendment to the Bachelor of Midwifery program admissions policy related to the change from NATV Studies to INDG Studies, effective upon approval by Senate. Endorsed by the Senate Committee on Admissions on March 22, 2022. Will be considered by Senate in due course.
- 16. Université de Saint-Boniface** - SCADM reviewed a proposal from the Université de Saint-Boniface to modify the admission requirements for the Baccalauréat en Travail Social Program in École de Travail Social, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on March 22, 2022. Will be considered by Senate in due course.
- 17. Asper School of Business** - SCADM reviewed a proposal from Asper School of Business to extend the RRC Polytech articulation agreement by one year, effective upon approval by Senate. Endorsed by the Senate Committee on Admissions on March 22, 2022. Will be considered by Senate in due course.
- 18. Dr. Gerald Niznick College of Dentistry** - SCADM reviewed a proposal from Dr. Gerald Niznick College of Dentistry and School of Dental Hygiene to modify the admission requirements to the Diploma in Dental Hygiene program, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on April 19, 2022. Will be considered by Senate in due course.

- 19. College of Nursing** - SCADM reviewed a proposal from the College of Nursing to modify the admission requirements for the Bachelor of Nursing program, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on April 19, 2022. Will be considered by Senate in due course.
- 20. College of Nursing** - SCADM reviewed a proposal from the College of Nursing to modify the admission requirements for the Bachelor of Nursing program Collaborative University College of the North Cohort, effective for the fall 2023 intake. Endorsed by the Senate Committee on Admissions on April 19, 2022. Will be considered by Senate in due course.

Preamble

1. The terms of reference for the Senate Committee on Appeals are found at the link:
https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Appeals_Terms_of_Reference.pdf
2. The Committee is charged to hear and determine appeals from:
 - a) decisions made by academic administrators involving Senate regulations in which Faculty or School Councils have no jurisdiction; and
 - b) appeals against decisions taken by Awards Selection Committees of Faculties and Schools.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and advise the Executive Committee of any Senate regulations affecting students which appear to be creating particular difficulties.

Observations

1. Members of the Committee for 2021 - 2022 were: Professor C. Enns (Education, Chair), Professor P. Blunden (Science, Vice-Chair), Professor D. Oliver (Engineering, Vice-Chair), Mr. J. Asaminew (student, Health Sciences), Mr. A. Azeez (student, Graduate Studies), Professor R. Biscontri (Management), Dean D. Brown (Kinesiology & Recreation Management), Professor M. Campbell (Environment Earth & Resources), Mr. S. Debbarman (student, Graduate Studies), Ms J. Dela Cruz (UMSU, designate), Ms. M.P. Ehoussou (student, Université de Saint-Boniface), Professor M. Glenwright (Arts), Dr. N Harland (Science), Mr. Md M. Hasan (student, Graduate Studies), Ms. E. Kalo (student, Science), Ms. A. Kilgour (student, Law), Mr. M. Koldon (student, Environment Earth & Resources), Ms E. Labbé (student, Université de Saint-Boniface), Dr. R. Lastra (Extended Education), Professor L. Landrum (Architecture); Professor J. Paliwal (Agricultural and Food Sciences), Ms. S. Phillips (student, Science), Dean L. Raman-Wilms (Health Sciences), Dr. J. Rocque (Université de Saint-Boniface), Mr. B. Scott (student, Extended Education), Ms. G. Shirzadi (student, Graduate Studies); Ms. L. Slegers (student, Management), Professor M. Smith (Management), Professor V. Swain (Dentistry), Professor M. Soderstrom (Arts), Ms. M. Villegas (student, Health Sciences)
2. The Committee reports to Senate on a regular basis and details of these reports are contained in the Senate minutes.
3. During the reporting period from April 1, 2021 to March 31, 2022 the Committee received 10 appeals which are summarized below. The summary below also includes the details of one appeal which was listed as pending in the previous year's annual report.

#	Faculty/College/School	Decision
2	Faculty of Education	2 – Insufficient Grounds to Proceed
3	Faculty of Engineering	3 – Insufficient Grounds to Proceed
2	Faculty of Graduate Studies	1 – Denied 1 – Granted
1	College of Medicine	1 – Granted
1	College of Pharmacy	1 – Denied
2	Faculty of Science	2 – Pending

Respectfully submitted,

Charlotte Enns, Chair
Senate Committee on Appeals

Annual Report of the Senate Committee on Approved Teaching Centres

Preamble

1. [Terms of reference](#) for the Senate Committee on Approved Teaching Centres can be found on the University Governance website.
2. For the reporting period May 2021 – April 2022.

Observations

1. Committee members, 2021-2022:
C. Cartmill (Arts), T. Chen (Arts), M. Faubert (Arts), L. Leboe-McGowan (Arts), R. Linden (Arts), J. Taylor (Arts), I. Whicher (Arts)

Term ended December 2021: R. Cossar (Arts)
2. The Committee did not meet during the reporting period.
3. The following are Approved Teaching Centres at the University of Manitoba:

Prairie Theatre Exchange
William and Catherine Booth College

Respectfully submitted,

Senate Committee on Approved Teaching Centres



ANNUAL REPORT TO SENATE FROM THE SENATE COMMITTEE ON AWARDS

Number of meetings

The Senate Committee on Awards met 9 times between May 1, 2021 and April 30, 2022.

Terms of Reference

Terms of Reference for the Senate Committee on Awards can be found on the University of Manitoba website at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/495.html

Committee Members

Academic Representatives:

Dr. Jared Carlberg (Chair / Faculty of Agricultural and Food Sciences)
Prof. Darcy MacPherson (Vice Chair / Faculty of Law)
Dr. Glenn Clark (Faculty of Arts)
Dr. Karen Kampen (Faculty of Arts)
Dr. Peter Cattini (Rady Faculty of Health Sciences)
Dr. Jennifer McLeese (Faculty of Science)

Student Representatives:

Ms. Farhatun Nabi (Faculty of Graduate Studies)

Director, Financial Aid and Awards

Ms. Jane Lastra

Vice-Provost (Graduate Education) and Dean, Faculty of Graduate Studies

Mr. Todd Duhamel (designate)

Non-voting members:

Mr. Jeff Adams (University Registrar and Executive Director, Enrolment Services)
Ms. Pamela Gareau (Resource / Financial Aid and Awards)
Ms. Mabelle Magsino (Financial Aid and Awards)
Ms. Regan Sarmatiuk (Recording Secretary / Financial Aid and Awards) (May 1, 2021 to November 30, 2021)
Ms. Linnea Taylor (Financial Aid and Awards) (January 1, 2022 to April 20, 2022)
Ms. Mandy Laing (Financial Aid and Awards) (May 1, 2021 to December 30, 2021)
Ms. Lesli Lucas-Aseltine (Financial Aid and Awards) (January 1, 2022 to April 20, 2022)
Ms. Carolyn Basha (designate, Alumni and Donor Relations) (May 1, 2021 to December 30, 2021)
Ms. Laura Asher (designate, Alumni and Donor Relations) (January 1, 2022 to April 20, 2022)

Observations

1. In 2020-2021, the Senate Committee on Awards approved the establishment of 55 new awards, amendments to 59 existing awards, and the withdrawal of 15 awards. Of the 55 new awards, 30 are scholarships, prizes, travel awards, medals, or fellowships, and 25 are bursaries. 37 awards are funded out of endowments and 18 are annually funded.

Respectfully submitted,

Dr. Jared Carlberg
Chair, Senate Committee on Awards

Preamble

1. Terms of reference for the Senate Committee on the Calendar can be found at:
[University of Manitoba - Senate Committee on the Calendar \(umanitoba.ca\)](http://umanitoba.ca)

Observations

1. Committee members, 2021-2022:
Mr. J. Leclerc (University Secretary), Chair; Mr. J. Adams (University Registrar and Executive Director of Enrolment Services); Professor O. Botar (School of Art), Professor S. Clark (Engineering); Professor Y. Gajpal (Management); Acting Dean K. Main (Graduate Studies); Professor G. Nickel (School of Art); Ms. Z. Odribets (student, Arts); Professor T. Peter (Arts), Ms. G. Saindon (Calendar Editor); Mr. R. Talukder (student, Graduate Studies)
2. The Committee did not meet during the reporting period.

Respectfully submitted,

Mr. Jeff M. Leclerc, Chair
Senate Committee on the Calendar

Annual Report of the Senate Committee Curriculum and Course Changes

Preamble

1. [Terms of reference](#) for the Senate Committee on Curriculum and Course Changes can be found on the University Governance website.
2. For the reporting period May 2021 – April 2022.

Observations

1. Committee members, 2021-2022:
G. Smith (Chair; Arts), D. McNeill (Vice-Chair; Engineering), S. Bannatyne (designate, University Registrar and Executive Director, Enrolment Services), C. Cook (Vice-President, Indigenous), C. Davidson (designate, Deputy Provost, Academic Planning and Programs), P. Dorrington (Université de Saint-Boniface), J. Hamilton (Health Sciences), J. Hughes (Social Work), M. Koldon (Student, Environment, Earth, and Resources), K. Kruse (Libraries), B. Li (Science), A. Malik (Student, Graduate Studies), C. Miller (designate, Vice-President, Indigenous), K. O'Brien (Student, Social Work), D. Sutherland (Education), S. Teetzel (Kinesiology and Recreation Management)
Terms ended:
May 31, 2021: R. Koop (Arts), H. Smeltzer (Student, Health Sciences)
December 31, 2021: M. Bagamery (Student, Graduate Studies)
2. The Committee met on eleven occasions: October 8, October 13, October 15, October 21, and October 29, 2021, and on March 9, March 11, March 16, March 18, March 23, and March 25, 2022. The committee also participated in one electronic poll conducted between November 1 – 3, 2021.
3. The Committee reported to Senate on:
 - [Curriculum and Course Changes](#) (fewer than nine credit hours)
Various faculties/colleges/schools (Senate, May 19, 2021; January 12, 2022) including proposals for:
 - [new programs](#): Faculty of Arts
 - Bachelor of Arts (Single Advanced Major) in Linguistics, Co-operative Education Option
 - Bachelor of Arts (Single Honours) in Linguistics, Co-operative Education Option
 - [renaming of degree and Minor programs](#): Faculty of Arts
 - Native Studies programs renamed as "Indigenous Studies"
 - [program closure](#): Rady Faculty of Health Sciences
 - Biomedical Sciences Concentration
 - [Undergraduate Course Changes Beyond Nine Credit Hours](#):
 - Faculty of Law, including a proposal for a Concentration in Access to Justice (Senate, January 12, 2022)

- Program Proposals:
 - Faculty of Arts (Senate, January 12, 2022)
 - Bachelor of Arts (Single Advanced Major) and Bachelor of Arts (Double Advanced Major) German
 - Bachelor of Arts (Single Honours) in Global Political Economy
 - Micro-Diploma in Workplace Health and Safety
 - Bachelor of Science (Major) and Bachelor of Science (Honours) in Environmental Geoscience, Clayton H. Riddell Faculty of Environment, Earth, and Resources (Senate, March 2, 2022)
- Program Modifications:
 - Major Curriculum Revisions, Faculty of Social Work (Senate, March 2, 2022)
 - Modification of the Preliminary Engineering Program (Senate, January 12, 2022)
- Articulation Agreements and Transfer Pathways:
 - Revised Diploma to Degree Transfer Pathway, Faculty of Agricultural and Food Sciences (Senate, May 19, 2021)
- Reports for Information:
 - Annual Update on Academic Program Listing: March 2020 – February 2021 (Senate, May 19, 2021)
 - Corrections to the Report of November 20, 2020 (Senate, May 19, 2021)
 - Corrections to the Report of April 1, 2021 (Senate, June 16, 2021)

Respectfully submitted,

Professor Greg Smith, Chair
Senate Committee on Curriculum and Course Changes

Annual Report of the Senate Committee on Honorary Degrees

Preamble

The terms of reference for the Senate Committee on Honorary Degrees are found online at:

[https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate Committee on Honorary Degrees Terms of Reference.pdf](https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Honorary_Degrees_Terms_of_Reference.pdf)

1. The membership of the Committee for 2021-2022 included: Dr. Michael Benarroch (President & Vice-Chancellor), Mr. Peter Wheatley (Chair, Alumni Association), Dr. James Blatz (Engineering), Dr. Brenda Austin-Smith (Arts), Dr. Kelley Main (Asper School of Business), Dr. Chris Adams (St. Paul's College), Mr. Brendan Scott (President of UMSU), Ms. Diane Roussin (community representative), and Ms. Anne Mahon (Chancellor), as Chair.
2. The Committee on Honorary Degrees reports to Senate as required in closed session on candidates for honorary degrees, and the naming of buildings, parts of buildings, roadways and special units.
3. During the period from May 2021 to April 2022, the Committee reported to Senate on two occasions: May 3, 2021 and September 13, 2021 (E-poll). Details of these reports are available upon request by eligible members of Senate.

Respectfully submitted,

Chancellor Anne Mahon, Chair
Senate Committee on Honorary Degrees

/mw

Preamble:

The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:

https://www.umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Instruction_and_Evaluation_Terms_of_Reference.pdf

Observations:

1. Committee members, 2021-2022:

Dr. M. Torchia, Vice-Provost (Teaching and Learning), Chair, Mr. J. Adams (University Registrar), Mr. M. Alam (student, Graduate Studies), Professor T. Arnold (Health Sciences), Mr. A. Azeez (student, Graduate Studies), Professor M. Czubyrt (Graduate Studies), Ms J. Dela Cruz (UMSU President), Professor T. Duhamel (Graduate Studies), Professor B. Elias (Health Sciences), Dr. N. Harland (Science), Ms. E. Kalo (Vice-President, UMSU) Ms. A. Kilgour (student, Law), Ms. K. Koczanski (Science), Professor J. Maiello (Music), Dean D. Mandzuk (Education), Ms. A. McGregor (student, Graduate Studies), Ms H. Morris (Director, Student Advocacy), Professor L. Neville (Management), Ms. M. Nguy (student, Education), Ms. Z. Odribets (student, Arts), Ms L. Slegers, (student, Management), Professor E. Troutt (Arts), Dean R. Urbanowski (Health Sciences), Professor V. Warne (Arts)

2. The Committee met 7 times during the reporting period on April 15, September 16, October 14, 2021 and January 20, February 17, March 17 and April 5, 2022.

3. During this period, the Committee reported to Senate on the following matters:

- Revised academic regulations for the Co-operative Education Program, Diploma in Agriculture, Faculty of Agricultural and Food Sciences (May 19, 2021)
- Academic Regulations, Faculty of Arts, concerning:
 - Proposal to establish Basic Regulations for Micro-Diploma Programs in the Faculty of Arts (November 3, 2021)
 - Revised Entrance Regulations, Bachelor of Arts (General Major) and Minor in Labour Studies (January 12, 2022)
- Revisions to the regulation on Assessment of Student Academic Performance, Post-baccalaureate Diploma in Education, Faculty of Education (May 19, 2021)
- Revised Academic Regulations, College of Medicine (March 2, 2022), concerning:
 - PGME Resident Assessment, Progression/Promotion, Remediation, Probation, Suspension and Dismissal/Withdrawal Policy for Competency-Based Medical Education Residency Programs [Scope: RCPSC Residents]
 - PGME Resident Assessment, Progression/Promotion, Remediation, Probation, Suspension and Dismissal/ Withdrawal Policy for Competency-Based Medical Education Residency Programs [Scope: CFPC Residents]
 - PGME Resident Assessment, Promotion, Remediation, Probation, Suspension and Dismissal Policy [Scope: PGME Residents in Time-Based Residency Cohorts]

- Regulations on Graduation with Distinction and Credit Hours Per Term, Desautels Faculty of Music (May 19, 2021)
 - Academic Regulations, College of Nursing, concerning:
 - Revisions to the Academic Progression policy for the Bachelor of Nursing (January 12, 2022)
 - Revisions to the Professional Unsuitability Bylaw, Bachelor of Nursing (March 2, 2022)
 - Revisions to the Professional Unsuitability Bylaw, Bachelor of Midwifery (April 6, 2022)
 - Academic Regulations, Faculty of Science, concerning:
 - Modification of regulations on Academic Assessment (April 6, 2022)
 - Modification of regulation concerning Attendance at Other Institutions (April 6, 2022)
 - Proposal for a Self-Declaration for Brief and Temporary Absences policy and procedure (November 3, 2021)
4. Members of the Teaching and Course Evaluation Sub-Committee continued to work on recommendations related to Student Rating of Instruction.

Respectfully submitted,
Dr. Mark Torchia, Chair
Senate Committee on Instruction and Evaluation

Preamble

The Terms of Reference for the Joint Senate Committee on Master's Programs can be found online at:

[University of Manitoba - Joint Senate Committee on Master's Programs \(umanitoba.ca\)](https://umanitoba.ca/jsc/)

Observations**1. Committee Membership (as of October 18, 2021):**

Dr. Royce Koop	Political Studies, UM, Chair		
Dr. Randall Jamieson, designate	Graduate Studies, UM, <i>ex officio</i>	Dr. Mavis Reimer	Graduate Studies, UW, <i>ex officio</i>
Dr. Sean Byrne	Peace & Conflict Studies, UM	Dr. Conor Whately	Classics, UW
Dr. Mark Libin	English, Theatre, Film & Media, UM	Dr. Darlene Abreu-Ferreira	History, UW
Dr. Andrea Rounce	Political Studies, UM	Dr. Eliakim Sibanda	Peace & Conflict Studies, UW
Vacant	Graduate Studies, UM Student Rep	Vacant	Graduate Studies, UW Student Rep

2. Joint Senate Committee Meeting of March 4, 2022:

The Master of Public Administration representative provided an update with respect to the program's second-cycle graduate program review from 2019-2020; what short-term recommendations have been implemented and what long-term updates and challenges are still outstanding. Once the program's new Chair commences their term on July 1, 2022 the program will revisit the long-term governance changes addressed in the review which had to be put on hold during the pandemic.

The Peace & Conflict Studies and Public Administration JMP representatives provided in-program and admission statistics, respectively. History and Religion representatives were unfortunately not present at this meeting and therefore did not provide statistics/program updates.

The JSC will be considering changes to its terms of reference at future meetings. Members have been asked to contemplate how the JSC may better support JMPs individually and collectively.

Respectfully submitted,

Dr. Royce Koop, Chair
Joint Senate Committee

Preamble

The Terms of Reference for the Joint Senate Committee on Master's Programs Appeals can be found online at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Joint_Senate_Committee_on_Masters_Programs_Terms_of_Reference.pdf

Observations

1. The Committee membership presently stands vacant until such time as the Committee is required.
2. No appeals were referred to the Committee for consideration; therefore, no meetings were held during the reporting period of May 2021 - April 2022.

Preamble

1. Terms of reference for the Senate Committee on Libraries can be found at:
[University of Manitoba - Senate Committee on Libraries \(umanitoba.ca\)](http://umanitoba.ca)

Observations

1. Committee members (2021-2022):
Ms. L. O'Hara, Vice-Provost (Libraries) and University Librarian (and designate for Provost and Vice-President (Academic)), Chair; Mr. M. Alam (student, Graduate Studies); Dean S. Baum (Science); Ms L. Best (student, Arts); Professor S. Ciurysek (School of Art); Ms L. Demczuk (designate, University Librarian); Ms O. Dingwall (Libraries) Dr. J. Doering (designate for Vice-President (Research and International)); Mr. W. Dowie (student, Graduate Studies); Dean N. Dyck (Health Sciences); Professor J. Gilchrist (Health Sciences); Ms A. Ginter (student, Social Work); Professor S. Kirkland (designate, Vice Provost (Graduate Education and Dean, Graduate Studies); Professor M. Pawlak (Engineering); Professor P. Perkins (Arts); Mr. M. Shaw (Science)
2. The Committee met once since the last annual report, on May 25, 2021.
3. The Committee received presentations on Pandemic Response – Collections and Systems and Pandemic Response – Services. The Committee received updates on Functional Space Programming, Subcommittee on Advancing Open Access, and Open Educational Resources and Research Data Management.

Respectfully submitted,

Lisa O'Hara, Chair
Senate Committee on the Libraries

MEMORANDUM

TO: Mr. Jeff Leclerc
University Secretary
312 Administration Building
Fort Garry Campus

FROM: Dr. Sara Israels, Vice-Dean, Academic Affairs

DATE: March 24, 2022

**RE: ANNUAL REPORT OF THE SENATE COMMITTEE ON MEDICAL QUALIFICATIONS (SCMQ)
MAY 2021 – APRIL 2022**

There were no applications for the SCMQ to review for consideration under Subsection 181 of the Regulated Health Professions Act.

Members of the SCMQ:

Dr. Sara Israels, Chair, Designate, Dean of Max Rady College of Medicine
Dr. Diane Hiebert-Murphy, Designate, Provost (Academic Affairs)
Dr. Anna Ziomek, Registrar, College of Physicians and Surgeons of Manitoba
Dr. Rakesh Arora, Faculty Member, Max Rady College of Medicine
Dr. Phil St. John, Faculty Member, Max Rady College of Medicine
Dr. Eric Jacobsohn, Faculty Member, Max Rady College of Medicine (term ending May 31, 2022. Agreed to serve another term)

/jv

Annual Report of the Senate Committee on Nominations

Preamble

The Terms of Reference for the Senate Committee on Nominations can be found on the University Governance website at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Nominations_Terms_of_Reference.pdf

Observations

1. Committee members (2021-2022):

Marie Edwards (Health Sciences), Chair
Robert Biscontri (Management)
Catherine Cook (Vice-President, Indigenous), *ex-officio*
Lori Giles-Smith (Libraries) (*leave replacement, Hal Loewen – 2021.07.01-2021.12.31*)
Witold Kinsner (Engineering)
Kimberly Nicolasora (Student Member)
Jitendra Paliwal (Agricultural and Food Sciences)
Steven Passmore (Kinesiology and Recreation Management)
Pamela Perkins (Arts)
Tracey Peter (Vice-Provost, Academic Affairs), *ex-officio*
Colette Simonot-Maiello (Music) (*leave replacement, Victoria Sparks – 2021.07.01 – 2021.12.31*)
Stefan Urbano (Student Member)
Reg Urbanowski (Health Sciences)
Jennifer van Wijngaarden (Science)

2. During the reporting period, the Committee met on August 18, 2021 and January 10, 2022. The Committee met electronically on October 6, 2021 to nominate academic and student members for vacancies on standing committees of Senate.
3. The Committee reported to Senate on May 19, October 6, November 3, 2021, and February 2, 2022 to consider academic and student member nominees for vacancies on standing committees of Senate.
4. The Committee will meet on May 3, 2022 to consider academic and student vacancies for the 2022-2023 Academic year.

Respectfully submitted,

Professor M. Edwards, Chair
Senate Committee on Nominations

Annual Report of the Senate Planning and Priorities Committee

Preamble

1. [Terms of reference](#) for the Senate Planning and Priorities Committee (SPPC) can be found on the University Governance website.
2. For the reporting period May 2021 – April 2022.

Observations

1. Committee members, 2021-2022:
D. Watt (Arts; Chair), F. Ahmed (student, Graduate Studies), G. Anderson (Science), M. Ballard (Science), O. Dingwall (Libraries), J. Doering (designate, Vice-President, Research and International), M. Gabbert (Arts), M. Lebar (designate, Vice-President, Administration), K. Levasseur (Arts), C. Miller (Arts), D. Oliver (Engineering), M. Rastegar (Health Sciences), Ms. L. Schnarr (Vice-Provost, Students), B. Scott (President, UMSU), C. Simonot-Maiello (Music), K. Smith (student, Arts), M. Torchia (designate, Provost and Vice-President Academic)
Term ended /resigned:
May 31, 2021: A. Azeez (student, Graduate Studies)
December 31, 2022, T. Mondor (designate, President), J. Sorenson (Environment, Earth, and Resources, leave replacement, July 1 – December 31)
2. The work of the Committee is carried out by three sub-committees:
 - Program and Curriculum Planning – Chair, M. Gabbert
 - Campus Planning – Chair, M. Torchia
 - Finance Planning – Chair, D. Watt
3. The Chair of SPPC and the members of the Finance Planning subcommittee are members of the President's Budget Advisory Committee (BAC). This committee contributes to discussion of the University Budget through a series of meetings scheduled in December 2021, and in January and April 2022.
4. The Chair attended the series of meetings for the Central Unit Allocations Committee (CUAC) in October 2021.
5. During the reporting period, the Senate Planning and Priorities Committee met on seven occasions: May 31, August 30, September 27, and October 25, 2021, and January 31, February 28, and March 28, 2022. The committee also participated in one electronic poll conducted March 7 - 10, 2022.
6. During the reporting period, the Committee reported to Senate on the following matters:
 - Graduate Course Changes Beyond Nine Credit Hours, Asper School of Business (Senate, October 6, 2021)
 - Undergraduate Course Changes Beyond Nine Credit Hours:
 - Faculty of Law, including a proposal for Concentration in Access to Justice in French, in the J.D. program (Senate, January 12, 2022)
 - Faculty of Social Work, including Major Curriculum Changes (Senate, March 2, 2022)
 - Proposals for Programs:
 - Bachelor of Arts (Single Advanced Major) and Bachelor of Arts (Double Advanced Major) in German (Senate, January 12, 2022)
 - Bachelor of Arts (Honours) in Global Political Economy (Senate, January 12, 2022)

- Micro-Diploma in Workplace Health and Safety, Faculty of Arts (Senate, January 12, 2022)
 - Bachelor of Science (Major) and Bachelor of Science (Honours) in Environmental Geoscience, Clayton H. Riddell Faculty of Environment, Earth, and Resources (Senate, March 2, 2022)
 - Master of Applied Human Nutrition, Department of Food and Human Nutritional Sciences (Senate, April 6, 2022)
6. At its meeting on February 28, 2022, the Committee received, for consultation, a draft of the proposed *Instructional Space Scheduling* policy and procedure, which Senate will also receive for information and feedback at its meeting on May 18, 2022.

Respectfully submitted,

Professor David Watt, Chair
Senate Planning and Priorities Committee

Annual Report of the Senate Committee on Rules and Procedures

Preamble

Terms of reference for the Senate Committee on Rules and Procedures can be found at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Rules_and_Procedures_Terms_of_Reference.pdf

Observations

1. Committee members (2021-2022):
Jeffery Taylor (Arts), Chair
John Anderson (Science)
Tracey Peter (Arts)
Reg Urbanowski (Health Sciences)
Kyra Cebula (student)
2. During the reporting period, the Committee met on May 27, 2021, and participated in electronic meetings on September 29, 2021 and from April 14 – 20, 2022.
3. On June 16, 2021, the Committee reported to Senate regarding revisions to the Faculty of Agricultural and Food Sciences Faculty Council Bylaw.
4. The Committee also provided comments and recommendations regarding:
 - Faculty of Agricultural and Food Sciences Department Council Bylaws
 - Department of Physiology and Pathophysiology Council Bylaws
5. The Committee is scheduled to meet next on May 26, 2022.

Respectfully submitted,

Dean Jeffery Taylor, Chair
Senate Committee on Rules and Procedures

Preamble

The terms of reference for the Senate Committee on University Research (SCUR) can be found on the web at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_University_Research_Terms_of_Reference.pdf

Observations

The members of the Committee during the Annual Report period of **May 2021 - April 2022** included:

- Digvir Jayas, Vice-President (Research & International), (Ex-Officio and Chair)
- Michael Benarroch, President and Vice-Chancellor (Ex-Officio)
- Diane Hiebert-Murphy, Provost and Vice-President (Academic Affairs) (Ex-Officio) (until July 2021)
- Tracey Peter, Vice-Provost (Academic Affairs) (Ex-Officio) (September 2021-present)
- Gary Glavin, Associate Vice-President (Research) (Ex-Officio) (until July 2021)
- Annemieke Farenhorst, Associate Vice-President (Research) (Ex-Officio) (July 2021 - present)
- Jay Doering, Associate Vice-President (Partnerships) (Ex-Officio)
- Kelley Main, Dean, Faculty of Graduate Studies (Ex-Officio)
- Kerrie Hayes, Director of Research Contracts, Office of Research Services (Ex-Officio/Non-Voting)
- Stefi Baum, Dean, Faculty of Science (until May 2021)
- Gady Jacoby, Dean, Asper School of Business (until September 2021)
- Martin Scanlon, Dean, Faculty of Agricultural and Food Sciences
- Jeffery Taylor, Dean, Faculty of Arts
- Josée Lavoie, Professor, Rady Faculty of Health Sciences (May 2021-present)
- Stephan Pflugmacher Lima, Dean, Faculty of Environment, Earth and Resources (May 2021-present)
- Andrew Halayko, Professor and Canada Research Chair, Rady Faculty of Health Sciences
- Jason Leboe-McGowan, Professor, Faculty of Arts
- Tamra Werbowetski-Ogilvie, Professor, Rady Faculty of Health Sciences
- Clea Schmidt, Professor, Faculty of Education (until May 2021)
- Dawn Sutherland, Professor and Department Head, Department of Curriculum, Teaching and Learning, Faculty of Education (May 2021-present)
- Shawn Clark, Professor, Faculty of Engineering
- Michelle Porter, Professor and Director, Centre on Aging, Faculty of Kinesiology and Recreation Management
- Samar Safi-Harb, Professor and Canada Research Chair, Faculty of Science
- Warren Cariou, Professor, Faculty of Arts (May 2021-present)
- Etinosa Osemwota, GSA Student Rep
- Berardino Petrelli, GSA Student Rep
- Anita Brûlé-Babel, Professor, Faculty of Agricultural and Food Sciences (until September 2021)

1. The Committee met four times during the reporting period on May 20, 2021, September 16, 2021, January 20, 2022, and March 17, 2022.

2. The committee reviewed and recommended to Senate for approval the following Chairs, Professorships, and Centres/Institutes:

Professorships and Chairs

Establishment of Professorships:

- Professorship in Anesthesiology (pending Senate approval)
- Manitoba Strategic Research Chair in Sustainable Protein (pending Senate approval)
- Professorship in Family Medicine Research & Innovation (October 6, 2021, Senate; November 30, 2021, Board of Governors)
- Professorship in Quality Improvement (October 6, 2021, Senate; November 30, 2021, Board of Governors)

Centres and Institutes; and Research Groups

Establishment of a new Centre/Institute

- *Manitoba Multiple Sclerosis Research Centre (MMSRC)*
5 years effective July 1, 2022, through June 30, 2027 (pending Senate approval)

Centre/Institute Term Extensions:

- *Manitoba Centre for Nursing and Health Research (MCNHR)*
Extension of term to September 30, 2022 (March 2, 2022, Senate)
- *Centre for Human Rights Research (CHRR)*
Extension of term to September 30, 2022 (March 2, 2022, Senate)

Centre/Institute Term Renewals:

- *University of Manitoba Institute for the Humanities (UMIH)*
5 years effective June 30, 2021, through July 1, 2026. (May 19, 2021, Senate)
- *Manitoba Centre for Nursing and Health Research (MCNHR)*
5 years effective May 18, 2022, through May 16, 2027 (pending Senate approval)
- *Centre for Human Rights Research (CHRR)*
5 years effective May 18, 2022, through May 16, 2027 (pending Senate approval)

The Committee approved the *Terms of Reference* for:

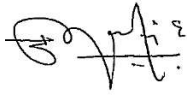
- The MPI Professorship in Neuroscience (October 6, 2021, Senate; November 20, 2021, Board of Governors)
- The Evelyn Wyrzykowski Research Chair in Cardiology (November 3, 2021, Senate; November 20, 2021, Board of Governors)

3. The Committee approved the *Membership of the Committee* for:

- The Dr. John M. Bowman Memorial Winnipeg RH Institute Foundation Award Selection Committee
- The sub-committee for the review of the Manitoba Centre for Nursing & Health Research (MCNHR)
- The sub-committee for the review of the Centre for Human Rights Research (CHRR)
- The sub-committee for the proposal to establish the Manitoba Multiple Sclerosis Research Centre (MMSRC)

- The Falconer Emerging Research Selection Committee
4. Other policy:
- Animal Care and Use Policy and Procedures (November 3, 2021, Senate)

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Digvir S. Jayas', with a stylized flourish at the end.

Digvir S. Jayas, O.C., Ph.D., D.Sc., P.Eng., P.Ag., FRSC
Chair, Senate Committee on University Research



**University
of Manitoba**

Message from

Dr. Mark G. Torchia, Vice-Provost (Teaching and Learning)

TO: Senate Executive

FROM: Mark G. Torchia, Vice-Provost (Teaching and Learning)

DATE: March 30, 2022

SUBJECT: **Instructional Space Scheduling Policy and Procedure**

Since 2011, the Registrar's Office has been responsible for the scheduling of instructional spaces, but it is important to create a formal policy and procedures to clarify the scope of responsibility, and to outline the manner in which this responsibility should be carried out. In addition, this policy and procedure have been created to enhance the scheduling and classroom assignment process.

The Draft Instructional Space Scheduling Policy and Procedure were developed by the Instructional Space Management Advisory Committee which had a broad representation of stakeholders who are involved in the use of instructional spaces.

We have sought feedback from SPPC on the draft Policy and Procedure and have now specifically incorporated a statement indicating an annual reporting requirement to Senate on learning space inventory and utilization.

We now are seeking feedback from Senate Executive and Senate on the Policy and Procedure.

Thank you.

MGT/

UNIVERSITY OF MANITOBA POLICY

Policy¹:	Instructional Space Scheduling Policy
Effective Date:	To be entered by Office of Legal Counsel
Revised Date:	To be entered by Office of Legal Counsel
Review Date:	To be entered by Office of Legal Counsel
Approving Body:	President
Authority:	To be entered by Office of Legal Counsel
Responsible Executive Officer:	Provost and Vice President (Academic)
Delegate: (If applicable)	Vice Provost (Teaching and Learning)
Contact:	University Registrar and Executive Director, Enrolment Services
Application:	Faculties/Colleges/Schools/Departments

Part I Reason for Policy

- 1.1 The teaching mission of the University of Manitoba is carried out to a significant degree in Instructional Spaces. The University of Manitoba is committed to ensuring that the inventory of Instructional Space is sufficient to meet the teaching needs of all Academic Units and that Instructional Space is utilized to its full potential.
- 1.2 The purpose of this policy is to:
 - a. define authority for Scheduling practices and the use of Instructional Spaces for academic teaching activity, including but not limited to lectures, seminars, tutorials, laboratories, and studios;
 - b. define authority for the establishment of priorities and standards for the use and Allocation of Instructional Space;
 - c. ensure optimal use of Instructional Space;
 - d. ensure Timetabling of teaching/instruction facilitates student's opportunity to select from sufficient course offerings to allow for timely program completion.

¹ If the Governing Document is a By-Law or Regulation use the applicable term in place of the "Policy" reference throughout the document.

Part II Policy Content

2.1 Definitions

The following terms are defined for the purpose of this Policy:

- a. **Academic Units** refers to faculties, colleges, schools, academic programs and departments of the University of Manitoba;
- b. **Allocation** means the distribution of Space across the University to individual units
- c. **Assignment (Assigned)** means the distribution of Space within a Unit for an existing use
- d. **General Use Instructional Space** is Instructional Space that has not been designated as Special Use Instructional Space;
- e. **Instructional Space** refers to all spaces in which teaching/instruction regularly occurs, including but not limited to classrooms, seminar rooms, lecture halls and theatres, studios, screening rooms, and laboratories;
- f. **Prime Time** shall mean class times scheduled between 10:00 a.m. and 2:00 p.m. on Monday, Wednesday, Friday, and class times scheduled between 10:30 a.m. and 3:00 p.m. on Tuesday and Thursday.
- g. **Provost** means the Provost and Vice President (Academic) of the University of Manitoba;
- h. **Registrar refers** to the University Registrar and Executive Director, Enrolment Services;
- i. **Scheduling** refers to the process of finding and assigning the right space for each class based on capacity, type of instruction, and other attributes related to instructional needs;
- j. **Space** means an interior or exterior area of property that is owned / leased by the University;
- k. **Special Use Instructional Space** is Instructional Space distinguished by one or more of the following characteristics:
 - Spaces that are designed for a specific or single use that would make it difficult to accommodate general instruction.
 - Spaces equipped with specialized equipment or resources that cannot be secured and protected easily without keeping the room itself under lock and key.
- l. **Timetabling** is the process of determining which courses are taught, when and by whom.

2.2 General Policy

- a. All Instructional Space belongs to the University and is Allocated to the Provost.
- b. The Provost delegates the Registrar to Schedule General Use Instructional Space at the University.
- c. The Provost Assigns Special Use Instructional Space to Academic Units who require specialized Space to meet the needs of their academic programs

- d. Special Use Instructional Spaces may not be permanently Assigned to any one Academic Unit
- e. A Dean or Director may determine the user of the Special Use Instructional Space within the Academic Unit to meet the program needs of their Faculty or College
- f. The Provost may approve Special Use Instructional Space to be re-Assigned to meet the needs of another Academic Unit or as General Use Instructional Space following consultation with relevant stakeholders. Requests for re-Assignment of space to another Academic Unit may be referred to the Space Management Committee for consideration.
- g. Re-Allocation or re-Assignment of Special Use Space will require due diligence to ensure that re-Allocation or re-Assignment is undertaken only after program and resource implications are fully considered

2.3 Timetabling and Scheduling

- a. Timetabling of courses is the responsibility of the Academic Units.
- b. The Registrar will schedule General Use Instructional Space to support academic teaching activities ensuring effective teaching and learning, optimal utilization and equitable distribution based on demonstrated needs.
- c. The Dean/Director as delegated by the Provost will Schedule Special Use Instructional Spaces that have been assigned to the Unit to support academic teaching activities.
- d. The timetabling of courses and Scheduling of Instructional Space is to be guided by the goals of:
 - timely completion of programs;
 - facilitating the pedagogical requirements of teaching and learning;
 - supporting an outstanding educational experience;
 - efficient use of the University's Instructional Space inventory, guided by evolving higher education standards in this regard;
 - accommodating needs for students and faculty with disabilities;
 - proximity of Instructional Space in relation to the locations of related activities;
 - scheduling courses following the standard timetable pattern;
 - environmental sustainability.
- e. A standard timetable pattern approved by the Provost establishes normal start and end times of classes, tutorials, seminars and laboratories. Priorities for Instructional Space are, first, for academic instruction; second, activities in support of university academic programs and mission.

2.4 Quality of Instructional Space

- a. The University is committed to standardizing the basic configuration and equipping of Instructional Space so that all students and instructors experience quality teaching and learning environments.

- b. As learning occurs in many venues and in many forms, the University's General Use Instructional Space inventory will include a range of configurations to accommodate different pedagogical styles.
- c. Development, renewal and equipping of Instructional Space will be strategically driven to accommodate planned program development, current and emerging capacity needs, and current and evolving technologies and pedagogies of engagement at the University and Academic Unit levels.

2.5 Administration

- a. Instructional Space developed with University or external funds will be assigned to meet teaching needs consistent with University standards and priorities.
- b. Information on the University's Instructional Space inventory and utilization will be recorded and managed through a central database.
- c. The Provost will provide an annual report to Senate, for information, on learning space inventory, capacities, and utilizations.
- d. This scheduling policy will undergo periodic assessment and evaluation by the University. Practices should reflect evolving student and instructor responsibilities, educational practices, technologies, and interfaces with other support services (i.e., transportation and maintenance).
- e. A reasonable distribution standard of courses scheduled outside Prime Time hours, as approved by the Provost, will be required.

Part III Accountability

- 3.1 The Office of Legal Counsel is responsible for advising the Provost and Vice President (Academic) that a formal review of this Policy is required.
- 3.2 The Vice Provost (Teaching and Learning) is responsible for the implementation, administration and review of this Policy.
- 3.3 Faculties/Colleges/Schools/Departments, Academic Staff, and Support Staff are responsible for complying with this Policy.

Part IV Authority to Approve Procedures

- 4.1 The Provost and Vice-President (Academic) may approve Procedures, if applicable, which are secondary to and comply with this Policy.

Part V Review

- 5.1 Governing Document reviews shall be conducted every ten (10) years. The next scheduled review date for this Policy is [Click here to enter a date](#).
- 5.2 In the interim, this Policy may be revised or repealed if:
- (a) the Provost or the Approving Body deems it necessary or desirable to do so;
 - (b) the Policy is no longer legislatively or statutorily compliant; and/or
 - (c) the Policy is now in conflict with another Governing Document.
- 5.3 If this Policy is revised or repealed all Secondary Documents, if applicable, shall be reviewed as soon as possible in order that they:
- (a) comply with the revised Policy; or
 - (b) are in turn repealed.

Part VI

Effect on Previous Statements

- 6.1 This Policy supersedes all of the following:
- (a) Space Policy effective September 13, 1973, last revised July 8, 1980.
 - (b) all previous Board of Governors/Senate Governing Documents on the subject matter contained herein; and
 - (c) all previous Administration Governing Documents on the subject matter contained herein.

Part VII

Cross References

- 7.1 This Policy should be cross referenced to the following relevant Governing Documents, legislation and/or forms:
- (a) Space Policy (2019)
 - (b) Instructional Space Scheduling Procedures (2019)
 - (c) Instructional Space Guiding Principles (2014)

UNIVERSITY OF MANITOBA PROCEDURE

Procedure:	Instructional Space Scheduling Procedures
Parent Policy:	Instructional Space Scheduling Policy
Effective Date:	
Revised Date:	
Review Date:	
Approving Body:	Provost and Vice-President (Academic)
Authority:	
Responsible Executive Officer:	Provost and Vice President (Academic)
Delegate: (If applicable)	Vice Provost (Teaching and Learning)
Contact:	University Registrar and Executive Director, Enrolment Services
Application:	Faculties/Colleges/Schools/Departments

Part I Reason for Procedure

- 1.1 The teaching mission of the University of Manitoba is carried out to a significant degree in Instructional Spaces. The University of Manitoba is committed to ensuring that the inventory of Instructional Space is sufficient to meet the teaching needs of all Academic Units and that Instructional Space is utilized to its full potential.
- 1.2 Instructional Space is costly to build, maintain and operate and for optimal utilization space must be accessible, access must be prioritized, and usage objectively assessed.
- 1.3 The purpose of this Procedure is to provide direction as to how optimal utilization is achieved and how usage of space is prioritized.

Part II

Procedural Content

2.1 Definitions

The following terms are defined for the purpose of this Procedure:

- a. **Academic Units** include faculties, constituent colleges, schools, academic programs and departments of the University of Manitoba;
- b. **Affiliated Colleges** includes St. Andrew's College, St. John's College and St. Paul's College;
- c. **Allocation** means the distribution of Space across the University to individual Academic Units;
- d. **Assignment** means the distribution of Space within a unit for an existing use;
- e. **General Use Instructional Space** is Instructional Space that has not been designated as Special Use Instructional Space;
- f. **Instructional Space** refers to all spaces in which teaching/instruction regularly occurs, including but not limited to classrooms, seminar rooms, lecture halls and theatres, studios, screening rooms, and laboratories;
- g. **Prime Time** shall mean class times scheduled between 10:00 a.m. and 2:00 p.m. on Monday, Wednesday, Friday, and class times scheduled between 10:30 a.m. and 3:00 p.m. on Tuesday and Thursday.
- h. **Provost** means the Provost and Vice President (Academic) of the University of Manitoba;
- i. **Registrar** refers to the University Registrar and Executive Director, Enrolment Services;
- j. **Scheduling** refers to the process of finding and assigning the right space for each class based on capacity, type of instruction, and other attributes related to instructional needs;
- k. **Special Use Instructional Space** is distinguished by one or more of the following characteristics:
 - Spaces that are designed for a specific or single use that would make it difficult to accommodate general instruction.
 - Spaces equipped with specialized equipment or resources that cannot be secured and protected easily without keeping the room itself under lock and key;
- l. **Timetabling** is the process of determining which courses are taught, when and by whom.

2.2 Scheduling of Instructional Space

- a. The Registrar as delegated by the Provost, is responsible for the Scheduling of General Use Instructional Spaces.
- b. The Dean or Director, as delegated by the Provost, is responsible for the Scheduling of Special Use Instructional Spaces Assigned to their Academic Unit.
- c. The Registrar may assist in the Scheduling of Special Use Instructional Space in consultation with the Academic Unit.
- d. General Use Instructional Spaces are Scheduled on a "Best Fit" basis, which is based in whole or in part on:

- Capacity - A room that is large enough to accommodate the class enrolment, but not so large as to underutilize the space. Capacity standards are set by the Office of the Registrar and Enrolment Services based on commonly applied higher education standards.
 - Room Type- lecture halls and theatres, classrooms, seminar rooms, studios, laboratories, etc.
 - Location – Faculty/College building; geographic proximity to faculty/college building, proximity to required resources (examples: breakout rooms, material and equipment used or demonstrated in class).
 - Room features – attributes of the facility used for Scheduling of academic activity, such as table or tablet seating, platforms, classroom technology, etc.
 - Needs and accommodations related to instructor or student disabilities or health concerns.
- e. In many programs students complete courses offered by several Academic Units. General Use Instructional Space is to be shared among all units. In order to facilitate student timetables and access to courses and the effective sharing of instructional spaces, standard meeting patterns and class distribution standards are approved by the Provost.
 - f. The Registrar will apply Timetabling and space utilization standards and procedures intended to distribute classes throughout the day in order to make optimal use of Instructional Spaces and to facilitate student course selection for timely program completion.
 - g. In development of the prioritization of space assignments and standards with respect to room and seat utilization, capacity and timetables, the Registrar will regularly consult with the stakeholders and report to the Provost.
 - h. In the process of Timetabling, Academic Units must make every effort to adhere to the established standard meeting patterns and class distribution standards.
 - i. Exceptions are based on pedagogical needs, student degree completion and space permitting.
 - j. Every effort will be made to Schedule classes taught back-to-back by the same instructor to rooms in the same building, while respecting “best fit” considerations.
 - k. Instructors who are members of an Affiliated College may be given preference to be Scheduled to a room in their college building, while respecting departmental needs and “best fit” considerations.
 - l. A series of metrics determined by the Provost will be generated on a periodic basis to provide qualitative and quantitative data on the educational experience, Instructional Space usage, conformance to this Scheduling policy, accommodation of pedagogical needs, and consistency with strategic plans for the use of instructional resources.

Part III Accountability

- 3.1 The Office of Legal Counsel is responsible for advising the Vice President (Academic) and Provost that a formal review of this Procedure is required.
- 3.2 The Vice Provost (Teaching and Learning) is responsible for the implementation, administration and review of this Procedure.
- 3.3 Faculties/Colleges/Schools/Departments, Academic Staff, and Support Staff are responsible for complying with this Procedure.

Part IV

Review

- 4.1 Governing Document reviews shall be conducted every ten (10) years. The next scheduled review date for this Procedure is .
- 4.2 In the interim, this Procedure may be revised or repealed if:
 - (a) the Provost and Vice President (Academic) or Approving Body deems it necessary or desirable to do so;
 - (b) the Procedure is no longer legislatively or statutorily compliant;
 - (c) the Procedure is now in conflict with another Governing Document; and/or
 - (d) the Parent Policy is revised or repealed.

Part V Effect on Previous Statements

- 5.1 This Procedure supersedes all of the following:
 - (a) Space Policy effective September 13, 1973, last revised July 8, 1980. ;
 - (b) all previous Board of Governors/Senate Governing Documents on the subject matter contained herein; and
 - (c) all previous Administration Governing Documents on the subject matter contained herein.

Part VI

Cross References

- 6.1 This Procedure should be cross referenced to the following relevant Governing Documents, legislation and/or forms:
- (a) Space Policy (2019)
 - (b) Instructional Space Scheduling Policy (2019)
 - (c) Instructional Space Guiding Principles (2014)

Comments of the Senate Executive Committee RE: Draft Instructional Space Policy and Procedure

The Senate Executive Committee was consulted on a draft policy and procedure on *Instructional Space* and provided several suggestions for changes, including that:

- in section 2.3 (d) of the policy, which identifies goals to guide the timetabling of courses and Scheduling of Instructional Space, (i) the fourth bulleted item concerning accommodating needs for students and faculty with disabilities be moved up the list, given that lists by their very nature can imply an order of priority, while recognizing this is not the intent in this section, and (ii) considerations for equity, safety, and inclusion be added to the list;
- section 2.4 Quality of Instructional Space, in the policy, be amended to (i) recognize the need to accommodate differently abled bodies and accessibility requirements and not only different pedagogical styles and (ii) reconsider or clarify language related to “standardizing” the configuration and equipping of Instructional Space, which may imply a degree of inflexibility that is not intended;
- the procedure might include a process to resolve disputes about the designation of a given space as either General Use Instructional Space or Special Use Instructional Space.

The proponents of the policy and procedure will work with the Executive Lead (Equity, Diversity and Inclusion) to develop appropriate language for suggested changes in sections 2.3 and 2.4 of the policy.

Respectfully submitted,

Dr. M. Benarroch, Chair
Senate Executive Committee



**University
of Manitoba**

Office of the President

Office of the President
Room 202 Administration Bldg.
University of Manitoba
Winnipeg, MB
Canada R3T 2N2
T: 204-474-9345
F: 204-261-1318
president@umanitoba.ca

DATE: April 26, 2022

TO: Jeff Leclerc, University Secretary

FROM: **Michael Benarroch, Ph.D.**
President and Vice-Chancellor *M Benarroch*

RE: Increase to Admission Targets, Bachelor of Nursing Program

I attach a recommendation from Dr. Greg Smith, Vice-Provost (Academic Planning and Programs) for an increase to the admission target of the Bachelor of Nursing (B.N.) program for the 2022-23 academic year.

Under the Admission Targets Policy, the President may approve changes to Admission Targets following consultation and discussion with the applicable unit's dean or director, with Senate and with the Board of Governors, subject to the provisions of the provincial Programs of Study Regulation.

Accordingly, please place this item on the agenda for the May 4th, 2022, Senate Executive meeting and the May 18th, 2022, Senate Meeting.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Greg Smith, Vice-Provost (Academic Planning and Programs)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Dean, Rady Faculty of Health Sciences and Vice-Provost (Health Sciences)
Netha Dyck, Dean, College of Nursing
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist



**University
of Manitoba**

Office of Provost and Vice-President (Academic)

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160

Date: April 21, 2022

To: Dr. Michael Benarroch, President and Vice-Chancellor

From: Dr. Greg Smith, Vice-Provost (Academic Planning and Programs)

Re: Request for Increase to Admission Targets, Bachelor of Nursing Program

Under the Admission Targets Policy and at the request of Dr. Netha Dyck, Dean, College of Nursing, please find attached a proposal for an admission target increase to the Bachelor of Nursing program.

In response to a provincial initiative to expand nursing education in Manitoba, the College is requesting a 120 seat increase to the existing target of 280 seats. To accommodate the increase, the College is proposing a new Summer Term intake of 120 students to the Fort Garry site and corresponding revisions to the program's academic regulations in which students would register in each of the Fall, Winter, and Summer Terms. This accelerated delivery model would allow the College to maximize current infrastructure for course delivery, limit the strain on the increased demand for clinical placements, and have bachelor-degree prepared nurses ready to enter the healthcare workforce one year earlier than under the current structure. Concurrent to this request, Senate is reviewing corresponding proposals for changes to the academic schedule and academic regulations for the B.N. If approved, implementation of the proposed target increase would be pending Senate approval of the associated proposals.

To ensure that the university would have appropriate funding to resource the increase, the proposal has been reviewed and approved in advance by the Province, subject to institutional approval. In March 2022, UM received confirmation of the requested funding commitment, including the resources required to implement in 2022-23 and the on-going steady-state funding required for subsequent years.

Consistent with the Admission Targets Policy and Procedure, the President may approve changes to Admission Targets following consultation with the Dean/Director, Senate, and the Board of Governors.

Please provide your advice concerning this matter to the Office of University Secretary by Monday, April 25th, 2022, so that, if supported, the request may receive timely consideration by Senate and the Board of Governors.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Vice-Provost (Health Sciences) and Dean, Rady Faculty of Health Sciences
Netha Dyck, Dean, College of Nursing
Jeff Leclerc, University Secretary
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist

/cd

Date: April 19, 2022

To: Dr. Greg Smith, Vice-Provost (Academic Planning and Programs), University of Manitoba
cc. Dr. Brian Postl, Dean and Vice-Provost (Health Sciences), University of Manitoba
cc. Cassandra Davidson, Academic Program Specialist, Office of the Provost and Vice-
President (Academic), University of Manitoba

From: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

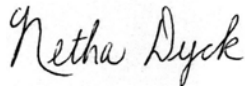
Topic: Increase in Seat Capacity in the Bachelor of Nursing Program

The College of Nursing is seeking approval to increase the seat capacity in the Bachelor of Nursing program.

The College of Nursing is proposing a 120 seat increase to the Bachelor of Nursing program, which will be accomplished by adding a third intake of students starting in Summer 2023. See Significant Modification to a Program of Study document attached.

The proposed increase in seat capacity was approved unanimously by the College of Nursing Council on March 29, 2022.

Sincerely,



Dr. Netha Dyck
Dean, College of Nursing

SIGNIFICANT MODIFICATION TO A PROGRAM OF STUDY

Under The Advanced Education Administration Act

Universities and colleges requesting approval for a **significant modification** to a program of study from Education and Training must apply using this application form. This form reflects the requirements set out in the Programs of Study Regulation (MR 134/2015) under The Advanced Education Administration Act.

UM INTERNAL REQUIREMENTS

1. Please complete the application below and submit one (1) electronic copy (.pdf format) each to the Vice-Provost (Integrated Planning & Academic Programs) and the Office of the University Secretary, (where indicated) along with the following supplemental documentation:
 - a. A cover letter justifying and summarizing the rationale behind the request for a significant modification.
 - b. Letters of support from internal and/or external stakeholders that were consulted as part of this proposal, if applicable.
2. Note that internal approval of the proposed modification will vary depending on the type of modification (see SECTION C). Please work with the Provost's Office and the Office of the University Secretary in advance, in identifying the appropriate procedures and approval processes. In general, please note the following for each type of modification:
 - a. **CHANGE OF SITE** – may require Senate approval if the site requires modifications to admission and/or program requirements (e.g. new admission category).
 - b. **CHANGE TO SEAT CAPACITY** – please refer to the Admission Targets Policy and Procedures (http://umanitoba.ca/admin/governance/governing_documents/academic/admission_targets.html). Changes may also require Senate approval if there are modifications to admission and/or program requirements.
 - c. **CHANGE TO TIME-TO-COMPLETION** – any addition to or reduction of hours to program requirements, requires Senate approval. For undergraduate programs, please refer to SCCCC Guidelines found at - <http://umanitoba.ca/admin/governance/forms/index.html>. For graduate programs, please contact FGS for approval process.
 - d. **CHANGE TO APPROVED DELIVERY MODEL** – please notify the Provost's Office of any significant changes to course or program delivery method.
 - e. **CHANGE TO STATUS OF JOINT PROGRAM** – depending on the significance of the changes resulting from the proposal, this will either require Senate approval as a program modification or will require the introduction of a new program. Please contact the Provost's Office with more details on how becoming a joint program or ceasing a joint program will impact the program.
 - f. **CHANGE TO CREDENTIAL**
 - g. **CHANGES TO CAPITAL OR OPERATING RESOURCES REQUIRED -**
3. Please direct questions to Cassandra Davidson, Academic Programs Specialist, Office of the Provost and Vice-President (Academic) at Cassandra.Davidson@umanitoba.ca or 204.474.7847.

SECTION A – PROPOSAL DETAILS

Institution: **University of Manitoba**

Applicable faculties/department with responsibility for the program:
Rady Faculty of Health Sciences/College of Nursing

If program is a joint program, list all participating institutions and the roles of each in delivering the proposed program:

The Bachelor of Nursing Program (BN Program) is not a joint program. It is a University of Manitoba (UM) program delivered in Winnipeg to an intake of 240 students per academic year (i.e., 120 new students admitted in Fall Term and 120 students admitted in Winter Term). The UM BN Program is also delivered to a collaborative cohort in Thompson and The Pas with the University College of the North (UCN), with 40 students admitted per year (i.e., 20 new students admitted at each site in Fall Term). The proposed seat capacity expansion (of 120 seats) outlined in this document applies only to the Winnipeg Fort Garry campus site.

Program name: **Bachelor of Nursing Program**

Credential awarded: **Bachelor of Nursing**

Funding request:

\$16.4 million one-time investment over years 1-4, 2022-2025.
\$4.2 million annually starting in the 2025-26 academic year.

Office Use Only

One-time funding: _____
On-going funding: _____

Proposed start date: The transition to the three-term delivery model will begin in Fall Term 2022. The first additional cohort of 120 students will be admitted in Summer Term of 2023.

List any critical issues that may impact the start date of the program:

- COVID-19 pandemic related restrictions and impacts
- Internal College of Nursing and University of Manitoba approval processes for the proposed changes
- Clinical placement availability with clinical partners
- Recruitment of additional experienced faculty and staff
- Collaboration with clinical partners and with other provincial educational institutions to accommodate students where terms of clinical groups overlap during the transition period and on an ongoing basis.

Institutional Program Code(s) (PSIS reporting number):

SECTION B – PROGRAM DESCRIPTION AND DELIVERY

B-1 Provide a general description of the significantly modified program and its objectives: *(Include intended purpose, curriculum design, and highlight distinctive attributes)*

The Bachelor of Nursing (BN) Program is an advanced-entry program and offers students a solid base of nursing knowledge, hands-on clinical practice, and skills as preparation for a career in nursing. This program has internationally recognized academic staff with expertise in a variety of areas, and students are given the opportunity to experience many different aspects of nursing. BN Program students are required to complete 30 credit hours of pre-requisites (Year 1 or two terms of University 1) for admission to Year 2 of the program. In Years 2 to 4, students complete 97 credit hours of theory, clinical, and laboratory coursework. Currently, Years 2 to 4 of the program are taken over seven terms spanning 36 to 40 months and excluding summer terms (with the exception of the final senior practicum placement). The 127-credit-hour, nine-term program provides students with good grounding to succeed in nursing practice.

The program is delivered in Winnipeg, as well as in The Pas and Thompson, through a collaboration with the University College of the North. Across the three sites, the BN Program currently has an enrollment of 280 students per academic year. At the Fort Garry campus in Winnipeg, 120 students are admitted in the Fall Term intake and 120 students are admitted in the Winter Term intake for a total of 240 students per academic year. Forty additional students are admitted annually in Fall Term to the collaborative cohort with University College of the North.

Expected Learner Objectives of the Bachelor of Nursing Program

The graduates will:

1. Create therapeutic client-nurse relationships, and provide compassionate, safe, and ethical care in diverse settings to assist clients to achieve, maintain, or restore optimal health.
2. Communicate in an effective, timely, and appropriate manner in all interactions with clients, colleagues, and other members of the health team.
3. Uphold high quality health care, human rights, and the conditions that promote health and safety for individuals, families, groups, and communities.
4. Demonstrate the critical appraisal and critical thinking skills that support their commitment to lifelong learning and continuous professional growth.
5. Assist clients to identify learning needs and will provide information to clients based on their learning needs and ability to learn.

Curriculum Design

The College of Nursing has adopted a learning-centred philosophy which shifts the focus of the educational process from the educator to the learner. This philosophy assumes that each learner brings different levels of knowledge to each learning experience. Learners take responsibility for their learning through self-reflection, critical thinking, and engagement with new knowledge. They actively develop new attitudes, knowledge, and skills that support their progression to entry-level practice. In the process, they transform how they view themselves and the world. The educator's primary focus is to create the learning environments that support each learner's ability to extend their knowledge, and to enable learners to incorporate new knowledge, skills, and attitudes with those that they already possess.

The organizational framework for the nursing curriculum is based on concepts. A concept is defined as both the object of thought and a process to organize thinking that enables learners to make connections between seemingly discrete phenomena and to transfer that knowledge across multiple contexts and situations.

The Bachelor of Nursing Program concepts are grouped into three themes:

- Health and Illness: The knowledge, skills, and attitudes that nurses use or adopt to respond to the range of health and illness processes experienced by clients.
- Client and Context: The factors that affect the health outcomes of the client.
- Professional Foundations: The knowledge, skills, and attitudes that form the foundations of professional nursing practice.

In all but the final term of the BN Program, students are enrolled in both theory and nursing practice courses; the program also includes four skills laboratory courses in Years 2 and 3. Each term of the program builds on the concepts from the previous term while incorporating additional concepts as the students grow in knowledge and experience. The nursing practice experiences in each term are grounded in fields of practice relevant to the theory course content of that term and build in complexity from term to term.

The BN Program includes 1,450 hours of clinical practice in Years 2 to 4 of the program. One thousand of the hours are completed in Years 2 to 4 of the program and the Senior Practicum placement includes 450 hours of full-time clinical practice over the final term of the program (Year 4 Term 3).

Strengths of the University of Manitoba BN Program

- The unique Mahkwa omushki kiim: Pathway to Indigenous Nursing Education (PINE) is designed to provide academic, personal, and cultural supports for Indigenous students to complete University 1 requirements. Twenty seats per year are designated for Canadian Indigenous students in Winnipeg to enter Year 2 of the BN Program.
- The diversity of the student body, which includes Indigenous and international students as well as students from across Manitoba, adds strength and richness to the student experience. Increasing recruitment and enrollment of Indigenous students in the BN Program is a strategic priority of PINE.
- The program offers a unique two-year Interprofessional Collaboration (IPC) experience with other health professional programs in the Rady Faculty of Health Sciences (RFHS) including occupational therapy, physiotherapy, respiratory therapy, medicine, physician assistant, pharmacy, dentistry, and dental hygiene programs. This IPC experience is threaded throughout courses in the program.
- Simulation is embedded throughout the curriculum in Years 2 to 4 using a combination of in-person and virtual experiences. The state-of-the-art Simulation Centre offers a safe and rich learning environment for students to develop their clinical and critical thinking skills.
- The skills lab provides students with experiential learning in nursing skills prior to commencing clinical placements and throughout Years 2 and 3 of the program.
- The College of Nursing includes an active undergraduate Nursing Students' Association which includes a peer mentorship program.
- The College of Nursing and the University of Manitoba offer a wide range of student support services.
- In 2018, the BN Program achieved the maximum five-year approval from the provincial regulatory body, the College of Registered Nurses of Manitoba.
- The BN Program achieved the maximum seven-year accreditation from the Canadian Association of Schools of Nursing (2021-2028).

- The Manitoba Centre for Nursing and Health Research (MCNHR) is a research unit within the College of Nursing. The MCNHR is the only research centre in Manitoba that is solely dedicated to facilitating and supporting collaborative nursing and health research. The College has clinical practice and research links with other universities nationally and internationally and with a number of research institutes in Manitoba. We have two Research Chairs: a Canada Research Chair in Child and Family Engagement in Health Research and Healthcare; and a Health Sciences Centre Clinical Chair. The MCNHR provides unique opportunities for students in the BN program to gain experience and mentorship in health research.

Significant Modification to the BN Program

At the request of the Government of Manitoba, the University of Manitoba was asked to submit a proposal to increase the number of seats in the Bachelor of Nursing Program as part of a strategy to address a nursing shortage and assist in meeting the demands within the healthcare system. The proposal involves significant modification to the BN Program as follows:

1. Seat capacity at the Winnipeg site will be expanded from the current number of 240 students admitted per academic year to the program (i.e., 120 students in Fall Term and 120 students in Winter Term) to 360 students admitted per academic year (i.e., admitting an additional intake of 120 students in Summer Term of each year).
2. A full offering of courses in the Summer Term will be added to the BN Program starting with the first cohort of students admitted in May of 2023. This will allow students to complete the seven terms across Years 2 to 4 of the program in 28 months versus the current 36 to 40 months, enabling them to enter the workforce earlier.

In order to prevent the overlap of the three intakes of students in any one term, this will require the eventual offering of every course of the BN Program during the summer terms, as is currently done in fall and winter terms. Students in all three intakes will normally progress through the program in all three terms of the academic year in order to avoid overlap of students in one term and the concomitant strain on our clinical partners and sites.

The BN Program is structured as a nine-term program (including two terms of University 1). The proposed modifications will not require any changes to the BN Program curriculum. The **distinctive features** of the proposed significant modification are the increased number of seats in the BN Program (i.e., 360 students per calendar year in Winnipeg up from the current 240 students per year) and the ability to see students progress through the program in a shorter period of time. With the addition of Summer Term, students are able to complete the final seven terms of the program (i.e., Years 2 to 4) in 28 months (down from the current minimum of 36 months).

Interim Modification

To enable students currently enrolled in the program to graduate sooner, the College of Nursing will offer a Summer Term Option in 2023 and 2024 for current BN Program students who have completed the first term of Year 4 of the program during the Winter Term. These students will be offered the opportunity to accelerate by completing Year 4, Term 2 during the Summer Term 2023 and 2024 and completing Year 4, Term 3 (Senior Practicum) in the Fall Term of 2023 and 2024.

With this Summer Term Option, students currently enrolled in the BN Program will complete the program four months ahead of schedule and be ready to complete the requirements for registration with the College of Registered Nurses of Manitoba, enabling them to work in the healthcare system four months earlier than originally planned.

Overview of Impact of Modifications on Number of Graduates

When all cohorts (i.e., groups of 120 students) are progressing in the three-term schedule, one cohort will complete the program each term. This has the dual advantage of increasing overall graduations while also spreading graduations out evenly through the year, so new graduates are continually entering the labour market.

Please see **Appendix A** for current and proposed projections on student progression and graduation.

B-2 Describe how this program serves and advances the academic, cultural, social and economic needs and interests of students and the province:

The UM BN Program is the largest entry-level nursing education program in Manitoba, contributing significantly to healthcare human resources throughout Manitoba. The BN Program meets the educational requirements for graduates to be eligible to write the registration examination, apply to be registered with the College of Registered Nurses of Manitoba, and practice as registered nurses in Manitoba. This program also opens up possibilities for graduate studies and advanced nursing career options, including registered nurse prescriber and nurse practitioner roles.

The proposed modifications will allow the College of Nursing to maximize current infrastructure by utilizing the Summer Term for program delivery. It also allows for the expansion of seat capacity for the program while limiting strain on clinical partners in the fall and winter terms.

The accelerated program delivery model allows for a shorter time to completion, meaning that students will be ready to enter the healthcare system as degree-prepared nurses in 28 months from the time of admission to Year 2 of the program as opposed to the current 36 to 40 months.

B-3 Describe the existing and anticipated post-secondary learning needs of students in Manitoba that this program addresses and responds to:

Currently the University of Manitoba receives three to four qualified applications for every seat in the Bachelor of Nursing Program. For example, we received 458 applications for the Fall Term 2021 intake of 120 students. This seat capacity expansion will allow us to decrease delays in student admission to and completion of the Bachelor of Nursing Program, enabling graduates of the program to enter the workforce sooner.

To promote and facilitate the admission of students from First Nations, Metis, or Inuit populations of Canada, the allocation of seats in the Canadian Indigenous Category will be increased from 20 to 30 seats.

B-4 Will the program be available for part-time study?

No changes are being made to the current practices for facilitating part-time study in the BN Program given exceptional circumstances. Ideally all students in each intake will progress through the program in a full-time capacity.

B-5 Is there a cooperative education, work placement, internship or practicum component?

The BN Program contains clinical courses in each term of Years 2, 3, and 4, with placements in long-term care facilities, hospitals, and communities, in order for students to meet the College of Registered Nurses of Manitoba requirement of 1000 hours of clinical practice. Following the successful completion of Year 4 Term 2 of the BN Program, all students complete 450 hours in a final practicum placement at a clinical site.

C-2 Change to seat capacity

C-2.1 - List originally approved or currently offered seat capacity and proposed seat capacity.

UM Internal Note: seat capacity as defined by your admission target. If you are not aware of the target, please contact Enrolment Services.

Originally approved seat capacity: 280 students per academic year (120 students in the Fall Term intake and 120 students in the Winter Term intake at the Winnipeg Fort Garry site; a total of 40 students admitted to the Fall Term intake of the Collaborative UCN cohort, with 20 students each at Thompson and The Pas)

Proposed seat capacity: 400 students per academic year (an additional 120 students admitted to the Summer Term intake at the Winnipeg Fort Garry site)

C-2.2 - Provide rationale for this change. *(Examples include changes in applications, enrolment and employer demand or alignment with the institution's strategic direction and priorities.)*

UM Internal Note: please ensure to address the following in your response:

- Student demand for places – identify how the current admission levels and the proposed changes compare to the number of qualified applicants to the program.
- Demand for graduates – identify how the current admission levels and the proposed changes reflect market demand for graduates.
- Outline any economic, demographic and/or geographical shifts in the student population that may impact on, or be impacted by, the proposed change.
- Student success – comment on success of current students (progression, time-to-completion, etc.) and graduates of the program (where known).

Student Demand for Places – Currently the University of Manitoba Winnipeg Fort Garry site receives three to four qualified applications for every seat in the Bachelor of Nursing Program. This seat capacity expansion will allow us to decrease delays in student admission to and completion of the Bachelor of Nursing Program.

Demand for Graduates – The government of Manitoba requested seat expansion in programs leading to eligibility for registration with the College of Registered Nurses of Manitoba, including the UM BN Program. The proposed seat expansion will provide additional graduates to address the significant vacancies within the healthcare system.

Student Success – The graduation rate for students at the Winnipeg Fort Garry site is 93% to 97% (some students may take longer than 40 months to complete Years 2 to 4). The NCLEX-RN pass rate (i.e., the required initial registration examination) normally ranges from 92% to 96%. Based on survey data six months post-graduation, the employment rate for BN Program graduates ranges from 94% to 99%, with 97% being employed within the province of Manitoba.

C-2.3 - Intake Information

Proposed seat capacity includes 400 students per academic year:

- 120 students are admitted to the Fall Term intake of the (accelerated) BN Program at the Winnipeg Fort Garry site
- 120 students are admitted to the Winter Term intake of the accelerated program at the Winnipeg Fort Garry site
- 40 students are admitted to the Fall Term intake of the Collaborative UCN Cohort in Thompson/The Pas (UCN delivery sites unable to accommodate an accelerated delivery)

- **NEW:** 120 students will be admitted to the Summer Term intake of the accelerated program at the Winnipeg Fort Garry site once the proposal is approved

C-2.3 (a) - What is the projected enrolment for the first intake?

Projected enrolment for the first intake of the accelerated program would be 160 students in the Fall intake of 2022:

- 120 students would be admitted to the accelerated program at the Winnipeg site.
- 40 students would continue to be admitted to the regularly scheduled program at the UCN site.

C-2.3 (b) - What is the maximum seat capacity (defined as first-year enrolment capacity)?

400 students admitted over the calendar year in three intakes.

C-2.3 (c) - What is the anticipated date of maturity?

The proposed changes will begin in the 2022 – 2023 academic year with the first intake into the accelerated delivery of the BN Program in Fall Term 2022 and the first Summer Term intake occurring in the Summer of 2023.

C-2.4 UM Requirement: Address the impact of the proposed change on access to post-secondary education of under-represented groups. Identify any particular demographic experiencing special difficulties either in gaining admission to, or completing the requirements of, the program.

The accelerated BN Program will allow for greater flexibility for enrolment as students who are not admitted to the Fall or Winter Term intakes may be admitted to the Summer Term intake rather than waiting till the next academic year.

The proposed accelerated academic schedule will decrease opportunities for students to work during the summer terms, which is currently a significant source of revenue for students, and annual tuition will increase as it will be due three times per year as opposed to twice per year. It is recommended that additional financial supports/incentives in the form of government forgivable loans be established in order for students to successfully complete the program without undue hardship.

SECTION D – MODIFICATION INFORMATION

D-1 Describe how this significant modification aligns with the strategic plans of your institution:

This significant modification achieves our mission of educating current and future nurses. It also serves to advance our vision of preparing exceptional nursing professionals for exemplary service, inspired leadership, and the advancement of health and well-being. In addition, this significant modification aligns well with our strategic priority to strengthen our learning environment and educational program excellence.

D-2 Outline the internal approval process (i.e. committees, governing bodies) for approving this significant modification within your institution and indicate any dates of decision. *(Governing Council, Board of Governors, Board of Regents, Senate, other)*

This proposal is provisional based on approvals of the proposed changes through internal UM governance structures and dependent on the requisite resources being in place prior to implementation.

Institutional approval for increases to seat capacity are informed by the [UM Admission Targets Policy and Procedure](#). As outlined in the policy, the President has the authority to approve changes to Admission Targets following consultation and discussion with the applicable Unit's dean or director, with Senate, and with the Board of Governors.

This proposal was unanimously approved by the College of Nursing Council on March 29, 2022.

Decision-Making body: [Senate \(consultation only\)](#)

Decision:

Date:

Decision-Making body: [Board of Governors \(consultation only\)](#)

Decision:

Date:

Decision-Making body: [President](#)

Decision:

Date:

D-3 Responsibility to consult

D-3.1 If this program is subject to mandatory review or approval by organizations external to the institution (*such as regulatory bodies, Apprenticeship Manitoba, etc.*), please describe any consultation processes and provide copies of reports or letter from these organizations providing support:

The College of Nursing has informed the Executive Director of the College of Registered Nurses of Manitoba of the proposed program expansion, who expressed strong support for the increase in seat capacity. The College of Nursing will advise the College of Registered Nurses of Manitoba as well as the Canadian Association of Schools of Nursing upon approval of the proposed program enrollment.

D-3.2 What agencies, groups, or institutions have been consulted regarding the significant modification of this program?

UM Internal Note: the unit is to consult with other academic units to identify how the proposed changes might affect quality, access to, and resources associated with the programs offered by that unit, as well as impact on service teaching by supporting faculties/schools. Outline the consultation process with other units and append letters of support, as appropriate.

No changes to Year 1 of the BN Program are being proposed. A number of the required courses in Year 1 of the program are offered by the Faculty of Science. Given the high number of students currently applying to the BN Program with the necessary pre-requisites, there may not be an impact on resources in other faculties at the UM. The Faculty of Science was consulted in relation to the delivery of science courses in Year 1. The Faculty of Science supported the program expansion and indicated that the existing cohort of students should be sufficient to satisfy the needs of the BN program. See Appendix B for the Letter of Support from the Dean of the Faculty of Science.

The Faculty of Arts was consulted in relation to the delivery of social sciences and humanities courses in Year 1. The Faculty of Arts supports the program expansion and anticipates being able to absorb the additional students across the courses that students normally take in University 1. See Appendix C for the Letter of Support from the Dean of the Faculty of Arts.

Once admitted, the Bachelor of Nursing Program includes courses offered by the College of Nursing, with the exception of HNSC 2170: Nutrition for Health Professionals, which is offered by the Department of Human Nutritional Sciences, Faculty of Agriculture and Food Sciences. The Department of Human Nutritional Sciences was consulted in relation to the delivery of the HNSC 2170 during the summer, starting in the summer of 2023 and on an ongoing basis. The Department confirmed its support for the initiative and its commitment to delivering the course during the summer. The College of Nursing will provide funding for the sessional instructor.

The Office of Interprofessional Collaboration (OIPC) in the Rady Faculty of Health Sciences provides a longitudinal curriculum in interprofessional collaboration for person, family, and community-centred care for all students in entry-level, practice-based programs in the faculty, including the Bachelor of Nursing Program students. The OIPC was consulted in relation to the delivery of the interprofessional curriculum to an additional cohort of 120 students during the Summer Term. The Vice-Dean, Education expressed strong support for the program expansion and noted that the OIPC is developing a plan to incorporate the additional students into the interprofessional education. See Appendix D for the Letter of Support from the Vice-Dean, Education and OIPC.

The Office of the Registrar and Enrolment Services was consulted regarding admission, registration and assessment processes, as well as the academic schedule. It was confirmed that the Admissions Office could accommodate the increase in workload. See Appendix E for the Letter of Support from the University Registrar and Executive Director, Enrolment Services.

The Vice-Provost (Libraries) and University Librarian was consulted regarding the proposed increase in student enrolment and any impacts on library services. The Vice-Provost expressed support for the program expansion and noted the Libraries' collection can support this program with additional resources. See Appendix F for the Letter of Support.

The Director of Financial Aid and Awards was consulted regarding the proposed increase in student enrolment and options for additional financial aid for students. The Director connected with Student Access and Success

Division, Advanced Education, Skills and Immigration to discuss the option of establishing government forgivable loans/grants.

Shared Health was consulted regarding the proposed program expansion. The Chief Nursing Officer expressed strong support for the increase in seat capacity and confirmed their continued commitment and collaboration in ensuring clinical placements for students. See Appendix G for the Letter of Support from the Chief Nursing Officer, Shared Health.

The College of Nursing Programs Advisory Council was consulted regarding the proposed program expansion. The Advisory Council members expressed strong support for the program expansion proposal. The Advisory Council is comprised of employers of registered nurses from across the province, a representative from the regulatory body, professional association, Manitoba Health, and Manitoba Advanced Education, Skills and Immigration, a graduate from the undergraduate and graduate programs, and a public representative.

The Council of Deans of Nursing Education of Manitoba was advised of our proposed program expansion. Each of the providers of nursing education was invited to submit a proposal for program expansion by Advanced Education, Skills and Immigration.

The proposed program expansion has been discussed with the Clinical and Academic Network (CAN). The CAN collaborates on securing clinical placements for nursing students and engages in creative problem solving. The CAN is comprised of individuals responsible for clinical education at the educational institutions (University of Manitoba, University College of the North, Red River College, Brandon university, Assiniboine Community College and University of St. Boniface) and the clinical practice sites (WRHA, Health Sciences Centre, St. Boniface Hospital, Grace Hospital, Concordia Hospital, Victoria General Hospital, Deer Lodge Centre, Riverview Health Centre, and Seven Oaks General Hospital).

The Dean of the College of Nursing will meet with the Provincial Nursing Leadership Council in May 2022 to discuss the proposed program expansion.

D-3.3 How have students and faculty been informed of the intent to modify this program?

The College of Nursing faculty have been informed of this proposed significant modification at virtual College Council meetings and have been consulted on the implementation of the proposal. The significant modification was approved by faculty at the College Executive Council meeting on March 9, 2022 and at College Council meeting on March 29, 2022. College of Nursing students have been consulted on the implementation of the proposal and will be informed through written communication and virtual sessions upon approval of the proposed modification to the program delivery and academic regulations.

D-4 List any similar programs offered in Manitoba: *(Provide such information as institution, programs, and credentials offered in addition to any impacts on these programs, explain rationale for duplication.)*

Three other institutions in Manitoba offer bachelor-degree programs to prepare students to become registered nurses: Red River College, University of Brandon, and Université de St. Boniface. Red River College currently includes a delivery model of three terms per calendar year, with three intakes per year.

D-4.1 Describe any specific laddering, articulation and/or credit transfer options for Manitoban students that are anticipated to change as a result of the significant modification of this program:

No changes are anticipated related to laddering, articulation, and/or credit transfer options. The proposal for an accelerated program may allow for students to gain access to graduate programs in an accelerated timeframe.

D-5 List any similar programs offered in Canada: *(Provide such information as institution, programs, and credentials offered in addition to any impacts on these programs, explain rationale for duplication.)*

There are 133 Schools of Nursing in Canada and 104 undergraduate nursing education programs are accredited through the Canadian Association of Schools of Nursing. There are a number of accelerated Bachelor of Nursing programs across the country, including McMaster University, Memorial University, and St. Frances Xavier University. The University of Regina/Saskatchewan Polytechnic have an accelerated option.

D-5.1 Describe any specific laddering, articulation and/or credit transfer options for Manitoban students that are anticipated to change as a result of the significant modification of this program.

No changes are anticipated related to laddering, articulation, and/or credit transfer options. The proposal for an accelerated program may allow for students to gain access to graduate programs in an accelerated timeframe.

D-6 Describe any changes in labour market demands in Manitoba for graduates of this Program as a result of this significant modification:

(Provide such information as probable employment destinations or further educational opportunities available to graduates of this new program of study. Attach any formal reports such as those from Associations, Statistics Canada, Sector Councils, Industry or Regulators.)

Currently the healthcare system in Manitoba is faced with a significant increase in demand for registered nurses as position vacancies across the healthcare system increase. Both the seat capacity expansion and the accelerated program delivery will support addressing this demand.

D-7 If copies of any internal or peer evaluations with respect to the significant modification of this program of study are being provided with this proposal, please indicated how any issues identified by these evaluations have been addressed and attach any relevant documents as available:

Not applicable to the proposed modification.

D-8 Does this significant modification entail an increase to tuition, or the establishment of or increase to fees that apply to students in this program of study?

UM Internal Note: Comment on potential impact on student access to and affordability of education that may result from the change.

This significant modification does not entail an increase in tuition or fees. Tuition in the program will continue to be assessed at the approved per credit hour course rate. While students are not expected to pay more over the course of their program, with the proposed three-term model of delivery, students will be required to pay more tuition over the course of an academic year. At the same time, they will pay less over the entire program, given that any tuition increases are approved annually. With an accelerated timeline, they would pay fewer future fees at higher rates.

The accelerated and full-time academic schedule proposed here will decrease opportunities for students to work during the summer break, which is currently a significant source of revenue for students. It is recommended that additional financial supports/incentives in the form of government forgivable loans be established in order for students to successfully complete the program without undue hardship.

SECTION E – REQUIRED RESOURCES AND FINANCIAL IMPLICATIONS

E-1 If one-time or pilot funding is being requested to support the significant modification of this program of study, please identify the amount of funding being requested:

The government has committed to one-time and long-term funding for the program. One-time funding amounting to \$16.4 million has been requested to support the expansion, along with \$4.2 million in annual funding. Any commitment of funding is provisional based on the program expansion proposal being approved through the UM governance processes.

The seat increase and conversion to an accelerated program result in an expansion of the existing BN Program by 50%. This major transition will require significant changes within the College and faculty:

- Staggered recruitment of 20 additional academic positions and 15 administrative support and student support positions over the four-year transition period (2022-2025).
- Support for the delivery of additional courses in relation to:
 - The interim modification Summer Term Option which allows existing winter cohort students the ability to study through their final summer term and graduate into the labour market four months ahead of schedule.
 - The accelerated program transition period where existing cohorts will be ending their programs on the two-terms-per-year schedule while new cohorts enter in a three-terms-per-year (accelerated) schedule. Towards the end of the transition, there will be occasions where the accelerated program students catch up with the existing students and both streams of students will be accommodated.
 - These additional courses will require \$2.5 million of additional clinical education facilitator time plus other incremental supplies and services.
- \$3.51 million capital budget requested to:
 - Build and reconfigure office spaces to accommodate the significant addition of faculty and staff;
 - Renovations and furnishings to maximize available student and common spaces; and
 - Renovations and equipment enhancements to Skills and Simulation Labs as it will be more difficult to facilitate renovations once the labs are in use year-round.

E-2 If ongoing funding is being requested to support the significant modification of this program of study, please identify the amount of funding being requested:

Ongoing funding of \$4.2 million per year starting in the 2025-26 academic year has been requested by government to ensure the long-term success of our expanded/accelerated operations.

Incremental human resources across all areas (e.g., academic leadership and faculty; clinical education facilitators; support, technical, and student positions) will total \$4.9 million annually.

Non-salary costs will continue at an increased level as well, commensurate with the increased student and employee activity.

An advantage of program expansion through utilizing the summer term is maximizing use of our current facilities where they would otherwise be idle. However, we will have to be prepared to repair and replace equipment and maintain our facilities on a faster schedule due to increased wear. Therefore, part of our ongoing funding request includes \$150,000 in annual funding towards Simulation Lab equipment.

E-3 If new funding is not being requested, how will the significant modifications to the program be funded? *(Include such information as: where reallocated funding will come from, and the implications of reallocating that funding on other programs/activities of the institution.)*

Not applicable – new funding is required for the significant modification.

E-4 What are the resource implications to the institution in delivering the significantly modified program of study? *(Include such information as; budget, IT, library, laboratory, computer, space, practicum liability insurance, student services, etc)*
UM Internal Note: Identify how the proposed changes will impact on the quality of operations at both the unit level and institutional level (including impact on other affected units), where applicable. Comment on how units delivering service teaching in the program will be impacted by the proposed change.

As described above, the accelerated BN Program will have a major impact on the College of Nursing. Having our entire student body and increased faculty and support staff on campus for summer term courses will also create impacts across campus.

This includes but is not limited to: the Office of the Registrar and Enrolment Services, Financial Aid and Awards, Libraries, Revenue, Student and General Accounting, Student Housing, Student Counselling, Indigenous Student Support, Ancillary Services, Food Services, Recreation Services, Parking, Physical Plant, and Security Services.

E-5 Please describe new and existing staffing resources needed to provide this significantly modified program of study. *(Include reallocation of existing faculty, hiring of new faculty, administrative and support services and any other considerations.)*
UM Internal Note: Identify how the proposed changes will impact on the quality of instruction at both the unit level and institutional level (including impact on other affected units), where applicable. Comment on how units delivering service teaching in the program will be impacted by the proposed change.

As above, many new faculty and staff positions will be required to increase overall teaching activity by 50% and manage the increase in student and administrative activity within the College of Nursing. The positions include:

- 3 academic leadership positions in areas such as admissions, student services and development, faculty and curricular development, and program expansion management.
- 17 new faculty positions for course delivery, knowledge development and translation, and service
- 15 administrative support positions to address and support student and program needs, including clinical placement coordination, lab technician work, student advising, program support, finance, and IT support.

The expansion will also have a major impact (\$1 million) on our term appointments for clinical education facilitators, teaching assistants, and sessional instructors.

We will rely on our outstanding existing faculty and staff to continue their efforts in contributing to the quality of the BN program, while providing leadership and mentorship to their new colleagues.

E-6 Please describe the effect of the significant modification of this program on existing capital infrastructure and equipment:

UM Internal Note: Identify how the proposed changes will impact on the *quality of operations* at both the unit level and institutional level (including impact on other affected units), where applicable. Comment on how units delivering service teaching in the program will be impacted by the proposed change.

As above, the accelerated BN Program will allow the College of Nursing to support the need to bring greater numbers of nurses into the workforce while maximizing use of our existing facilities and equipment during the previously lower-usage summer term.

Proceeding with an accelerated program will impact our facilities and equipment in several ways:

- Increased need for faculty, student, and staff spaces.
- Inability to use idle time for renovations of key facilities, such as Skills and Simulation Labs.
- Increased wear and tear on facilities as well as capital assets and equipment.

Facilities and equipment management will require special attention to ensure high program quality and an excellent student experience.

One-time capital funding of \$2.4 million was approved by government to create increased office spaces for incoming faculty and staff, make improvements to student spaces, and pursue renovations of Skills and Simulation Labs before their usage increases.

An additional \$1.11 million of one-time funding was approved by government to support our capital equipment needs including enhancing our Skills and Simulation Lab equipment, acquiring e-charting software, and obtaining furniture to support our space renovations.

Additional budget has been allocated within our operating expenditures to accommodate increased needs for small repairs, simulation equipment renewal, computer equipment, and office furniture.

The funding commitment is contingent on approval of the program expansion through the UM governance processes.

SECTION F – SIGNATURES

(A second signature section is provided for joint programs only)

SUBMITTED BY:

President:

Name:

Signature:

Date:

Vice-President/Academic:

Name:

Signature:

Date:

For use by joint programs only:

President:

Name:

Signature:

Date:

Vice-President/Academic:

Name:

Signature:

Date:

SUBMIT COMPLETED FORM

Once completed and signed, please submit this application form to Post-Secondary Education and Labour Market Outcomes at PSE-LMO@gov.mb.ca with the following attachments (*double-click to engage check box*):

☐

Cover letter

☐

Program of Study Financial Form

☐

Any supporting documentation (*reviews, letters of support, etc.*)

If you have any questions or require further information, please contact:

Post-Secondary Education and Labour Market Outcomes

Manitoba Education and Training

400-800 Portage Avenue Winnipeg MB R3C 0C4

(204) 945-1833

PSE-LMO@gov.mb.ca

Appendix A
Current and Proposed Projections on Student Progression and Graduation

Program Comparison by Period	2021-22			2022-2023			2023-2024			2024-2025			2025-2026 + Ongoing		
	F	W	S	F	W	S	F	W	S	F	W	S	F	W	S
Existing Program (36-40 mths)															
Winter 2019 Cohort	120	120													
Fall 2019 Cohort	120	120	120												
Winter 2020 Cohort	120	120	120	120	120										
Fall 2020 Cohort	120	120	120	120	120	120									
Winter 2021 Cohort - Summer Term Option	60	60	60	60	60	60	60								
Winter 2021 Cohort	60	60	60	60	60	60	60	60							
Fall 2021 Cohort	120	120	120	120	120	120	120	120	120						
Winter 2022 Cohort - Summer Term Option		60	60	60	60	60	60	60	60	60					
Winter 2022 Cohort		60	60	60	60	60	60	60	60	60	60				
Accelerated Program (28 mths)															
Fall 2022 Cohort				120	120	120	120	120	120	120					
Winter 2023 Cohort					120	120	120	120	120	120	120				
Summer 2023 Cohort						120	120	120	120	120	120	120			
Fall 2023 Cohort							120	120	120	120	120	120	120		
Winter 2024 Cohort								120	120	120	120	120	120	120	
Summer 2024 Cohort									120	120	120	120	120	120	120
Fall 2024 Cohort										120	120	120	120	120	120
Winter 2025 Cohort											120	120	120	120	120
Summer 2025 Cohort												120	120	120	120
Fall 2025 Cohort													120	120	120
Winter 2026 Cohort														120	120
Summer 2026 Cohort															120
Theoretical Student Head Count by Term	720	840	720	720	840	840	840	900	960	960	900	840	840	840	840
Theoretical Graduates Per Semester	0	120	120	0	120	120	60	60	120	180	180	120	120	120	120
Theoretical Graduations Per Academic Yr	240			240			240			480			360		



**University
of Manitoba**

Faculty of Science

Appendix B
Letter of Support

Dean's Office
247 Machray Hall
186 Dysart Road
University of Manitoba
Winnipeg, Manitoba
Canada R3T 2N2
T: 204-474-9348

March 8, 2022

Dr. Netha Dyck
Dean, College of Nursing
Helen Glass Centre for Nursing
89 Curry Place
University of Manitoba
Winnipeg, MB R3T 2N2

Dr. Dyck,

Thank you for meeting with me on Thursday, February 4th to present the planned expansion to the Bachelor of Nursing program by 120 students annually, with the first additional cohort taking place in May 2023.

The Bachelor of Nursing program requires three courses delivered in the Faculty of Science; BIOL 1410, BIOL 1412, and MBIO 1220. The Faculty of Science supports the proposed expansion to the program and is confident that within the existing cohort of students taught in BIOL 1410, BIOL 1412, and MBIO 1220 there should be sufficient high-achieving students to satisfy the needs of the Bachelor of Nursing program.

Sincerely,

Dr. Brian Mark
Dean, Faculty of Science
Professor, Department of Microbiology &
Department of Biochemistry and Medical Genetics

Appendix C
Letter of Support



Dean of Arts
310 Fletcher Argue Bldg.
Winnipeg, Manitoba
Canada R3T 5V4
T: 204 474 9271
jeff.taylor@umanitoba.ca

March 21, 2022

To: Netha Dyck, Dean of Nursing

From: Jeff Taylor, Dean of Arts

A handwritten signature in black ink, appearing to be 'J. Taylor'.

Re: Proposed enrollment increase in Bachelor of Nursing Program

Thank you for the opportunity to comment on the proposed expansion of enrollments in the Bachelor of Nursing Program in the College of Nursing, Rady Faculty of Health Sciences. As you noted in your initial communication to the Faculty of Arts, Nursing expects to add 120 students by way of a third intake term and a move to a 3-term program model. The first cohort of additional students will enter the BN in May of 2023.

At the moment with the current BN admissions requirements and the current University 1 requirements, we anticipate the ability to absorb the additional students across the courses that students normally take in University 1 or as Direct Entry students into Arts. May of our Faculty of Arts courses satisfy the University's Written English requirement and potential Nursing students would be able to satisfy that University requirement in their U1 year.

As Faculties and Colleges consider the opportunities to embed a requirement to include some level of Indigenous content and Indigenous teachings as part of their degree or admissions requirements, this may introduce resource implications tied to the prospective nursing students we teach in their U1 year. Should the College of Nursing consider such a change in the future, we would request a follow up conversation to consider how a future Indigenous content requirement for BN students might present new challenges for the Faculty of Arts, not contemplated as part of this particular request for support.

The Faculty of Arts is pleased to offer its support for the proposed program expansion in the Bachelor of Nursing program.

Rady Faculty of
Health Sciences



University
of Manitoba

Office of Interprofessional Collaboration

290 Brodie Centre
727 McDermot Avenue
Winnipeg, Manitoba R3E 3P5
Phone: (204)789-3309
Fax: (204)789-3929

http://umanitoba.ca/faculties/health_sciences/education/ipc/about_ipc.html

March 11, 2022

Dr. Netha Dyck
Dean, College of Nursing
Helen Glass Centre for Nursing
University of Manitoba (Fort Garry Campus)
89 Curry Place
Winnipeg, MB R3T 2N2

Dear Dr. Dyck:

Please accept my sincere appreciation for the progress you and your team have made in expeditiously developing the proposal to expand seats within the College of Nursing. This is an exciting prospect and a much-needed resource that is required for the future of Manitoba's healthcare system.

On behalf of the Office of Interprofessional Collaboration (OIPC), I am writing to confirm our strong support for the proposed program expansion.

The OIPC Team has recently initiated a strategic plan to build upon past success and ensure sustainability into the future. The additional 120 nursing students will be incorporated into this planning. As well, we are committed to keep pace with your timelines to ensure interprofessional education can be initiated starting in May 2023.

Please do not hesitate to contact me if you require anything further.

I wish you all the best as you continue to progress this important initiative.

Best regards,
Lanette

Lanette Siragusa RN, MN

Vice-Dean Education & Associate Director Ongomiizwin Health Services
Rady Faculty of Health Sciences
Office of Interprofessional Collaboration

cc: Dr. Brian Postl, Dean and Vice-Provost Rady Faculty of Health Sciences

Appendix E
Letter of Support



**University
of Manitoba**

Office of the Registrar and
Enrolment Services

400 University Centre
Winnipeg, Manitoba
Canada R3T 2N2
T: 204-474-8820
F: 204-474-7554

TO: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

FROM: Jeff Adams, University Registrar and Executive Director, Enrolment Services

DATE: March 9, 2022

SUBJECT: Bachelor of Nursing program expansion

I am in full support of the proposed expansion of the Bachelor of Nursing degree program. The College of Nursing consulted with my office on matters related to admissions and the academic schedule and I am confident that their plans can be accommodated.

The proposed changes will result in a summer intake, and I can confirm that this increase in workload can be accommodated by the Admissions Office.

From a scheduling perspective, the College of Nursing has confirmed that their summer schedule will follow the institution-wide schedule that applies to most programs at the University. Given this, I have no concerns from a scheduling perspective.

The Office of the Registrar and Enrolment Services looks forward to working with the College as they look to implement the proposed changes.

CC: Laurie Schnarr, Vice-Provost (Students)
Erin Stone, Deputy Registrar and Director of Admissions
Gayle Gordon, Associate Registrar and Director of Systems
Sharon Bannatyne, Associate Registrar and Director of Technology and Support

Appendix F Letter of Support

University of Manitoba Libraries Statement for Program Modification



Faculty Rady Faculty of Health Sciences
College College of Nursing

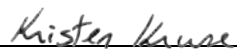
The Libraries' collection can support this program with additional resources described below.

Many of the Libraries' electronic resources, including ebooks and ejournals, allow unlimited access and will therefore be able to accommodate increased enrollment. However, the Libraries' print collections and certain other electronic resources can only be made available to a small number of users at a time and may strain the Libraries' ability to provide these resources to larger numbers of students. It is therefore recommended that faculty consult with the nursing librarian to determine the access available to resources before assigning them to a class.

It is expected that the proposed change of adding 120 new seats and accelerated delivery across three terms per year will affect the Libraries' ability to continue to provide services and support such as research and teaching support, reference assistance, and document delivery to support knowledge synthesis work. The increase in support that is required to meet the needs of the proposed increase and intake model will exceed the capacity of the current single nursing librarian position and the Libraries will require additional budget funds in order to ensure that the program is fully supported by a librarian. Furthermore, it is recommended that faculty keep the nursing librarian informed of any new areas of research and any assignments that would require library resources so that the librarian can determine if adequate resources exist or can acquire new resources, create new subject guides, and add any other supports in advance.

It is not expected that this change will affect the technical infrastructure which allows the discovery and delivery of the Libraries' resources and services.

Sherri Vokey
Head, Neil John Maclean Health Sciences Library



Kristen Kruse
Coordinator, Collections Management



Lisa Hanson O'Hara
Vice Provost (Libraries) & University Librarian

April 18, 2022

Date

March 18, 2022

Dr. Netha Dyck
Dean, College of Nursing
University of Manitoba
Helen Glass Centre for Nursing
89 Curry Place
Winnipeg, MB R3T 2N2

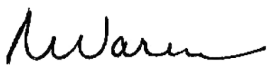
Dear Dr. Dyck,

I am very pleased to provide my strong support for the proposed expansion of the Bachelor of Nursing program at the University of Manitoba.

The program expansion you have proposed represents a critical strategy in helping us address our nursing staffing needs required to meet critical operational needs to support Manitobans. Nurses have a very important role within the province to provide clinical care and coordinate access to care for clients, residents and patients.

We recognize that additional clinical placements will be required to accommodate the increase in nursing seats. As such, ensuring clinical placements for the additional nursing students is a provincial priority that I am committed to supporting and will facilitate coordination with other nursing leaders. We also recognize that providing clinical placements require a partnership with all providers of nursing education. On behalf of the Provincial Nursing Leadership Council, we are committed to continuing to collaborate with you in planning and offering clinical placements for the additional nursing students and ensuring a quality learning experience.

Sincerely,



Monika Warren
COO, Provincially Coordinated Health Services
& Chief Nursing Officer
Shared Health




**University
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president@umanitoba.ca

DATE: March 24, 2022

TO: Jeff Leclerc, University Secretary

FROM: **Michael Benarroch, Ph.D.**
President and Vice-Chancellor 

RE: Temporary Increase to Admission Targets, Bachelor of Midwifery program

I attach a recommendation from Dr. Mark Torchia, Vice-Provost (Teaching and Learning) for a one-time increase to the admission target of the Bachelor of Midwifery (B.Mid.) program for the 2022-23 admissions cycle.

Under the Admission Targets Policy and Procedure, the President may approve changes to admission targets following consultation with the Dean/Director, Senate, and the Board of Governors.

Accordingly, please place this item on the agenda for the May 4th, 2022, Senate Executive meeting and the May 18th, 2022, Senate Meeting.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Dean, Rady Faculty of Health Sciences and Vice-Provost (Health Sciences)
Netha Dyck, Dean, College of Nursing
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist



**University
of Manitoba**

Office of Provost and Vice-President (Academic)

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160

Date: March 22, 2021

To: Dr. Michael Benarroch, President and Vice-Chancellor

From: Dr. Mark Torchia, Vice-Provost (Teaching and Learning)

Re: Request for Temporary Increase to Admission Targets, Bachelor of Midwifery Program

Under the Admission Targets Policy and at the request of Dr. Netha Dyck, Dean, College of Nursing, please find attached a proposal for a one-time increase to the admission target of the Bachelor of Midwifery program for the 2022-23 admissions cycle from six students to eight students.

Due to challenges associated with the COVID-19 pandemic, two students have had to step away from the program for an indeterminate amount of time. Given the small size of the program, and the need to maintain a complete cohort to maximize resources, the College is requesting a one-time increase of two students to maintain capacity in the program. In conversations with the College subsequent to the attached, the College has confirmed that they will be able to continue to accommodate the additional two seats should the students currently on leave return to their studies.

Consistent with the Admission Targets Policy and Procedure, the President may approve changes to Admission Targets following consultation with the Dean/Director, Senate, and the Board of Governors.

Please provide your advice concerning this matter to the Office of University Secretary by Wednesday, April 20, 2022, so that, if supported, the request may receive timely consideration by Senate and the Board of Governors.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Dean, Rady Faculty of Health Sciences and Vice-Provost (Health Sciences)
Netha Dyck, Dean, College of Nursing
Jeff Leclerc, University Secretary
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist

Date: March 16, 2022

To: Cassandra Davidson, Academic Program Specialist, Office of the Provost and Vice-President (Academic), University of Manitoba
cc. Dr. Brian Postl, Dean and Vice-Provost (Health Sciences)
cc. Dr. Mark Torchia, Vice-Provost, Teaching and Learning

From: Dr. Netha Dyck, Dean, College of Nursing, Rady Faculty of Health Sciences

Topic: Temporary Seat Increase in the Bachelor of Midwifery Program for Fall 2022

Issue:

The Bachelor of Midwifery Program, College of Nursing, is requesting a temporary seat increase for Fall 2022 intake. Currently, the Bachelor of Midwifery Program has an annual Fall intake of 6 seats, three of which are allocated to the Canadian Indigenous category per our Canadian Indigenous category Admissions Policy:

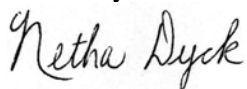
Up to 3 admission spaces may be offered to applicants in the Canadian Indigenous Category. Of the 3 admission spaces, up to 2 spaces may be offered to Indigenous students who are Manitoba residents and who reside in northern Manitoba. Northern Manitoba is defined as the part of Manitoba that is north of the 53rd parallel.

We will reserve the same amount of admission spaces in Canadian Indigenous Category for the Fall 2022 intake.

Rationale:

Due to the circumstances around COVID-19, we have had two students take a Leave of Absence. It is unknown when they will return or if they will return to our program. We currently have 4 students in the program. When the program is running all 3 years, it is our goal to always maintain a minimum of 18 students in the program. This increase will support student learning and off-set attrition rates over time. Therefore, we are requesting a temporary seat increase from 6 to 8 for the Fall 2022 intake.

Sincerely,



Dr. Netha Dyck
Dean, College of Nursing



DATE: March 16, 2022

TO: Jeff Leclerc, University Secretary

FROM: Michael Benarroch, Ph.D.
President and Vice-Chancellor

RE: Increase to Admission Target, Bachelor of Science in Engineering programs

The Price Faculty of Engineering has requested an increase to the undergraduate admission target for the Bachelor of Science in Engineering programs to meet external demand for engineering graduates within the province. The proposal was forwarded for consultation to Senate on January 12, 2022, and the Board of Governors on January 25, 2022. While recognizing that the increase would impact units providing service teaching in support of the programs, the proposal to expand was supported.

Under the Admission Targets Policy, the President approves changes to, and the introduction of, admission targets following consultation and discussion with the applicable dean or director, with Senate, and with the Board of Governors, subject to the provisions of the provincial Programs of Study Regulation.

In accordance with this policy, I approve an increase to the undergraduate admission target to the Bachelor of Science Engineering programs from 364 to 482 seats effective the Fall 2023 intake and pending approval by the province. If approved, the seat increase would be phased in over three years. As indicated in the proposal, incremental costs associated with the proposed increase will be resourced primarily through tuition revenue generated from the additional seats and annual spending allocations from the endowment from Dr. Gerry Price and Family announced in March 2020.

Given the impact that the proposed change may have on the university community, I would encourage the Faculty to continue their consultation efforts so that implementation plans are in place should the proposal be considered favorably by the Province.

Please proceed accordingly.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Mark Torchia, Vice-Provost (Teaching and Learning)
Laurie Schnarr, Vice-Provost (Students)
Marcia Friesen, Dean, Price Faculty of Engineering
Jeff Adams, Registrar and Executive Director, Enrolment Services
Cassandra Davidson, Academic Program Specialist




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president@umanitoba.ca

DATE: March 16, 2022

TO: Jeff Leclerc, University Secretary

FROM: Michael Benarroch, Ph.D.
President and Vice-Chancellor 

RE: Temporary Increase to Admission Target, Pharm.D. program

The recommendation for a temporary, one-time increase to the admission target for the Pharm.D. program was brought forward for consultation with Senate on January 12, 2022, and the Board of Governors on January 25, 2022. The Faculty has requested the increase to offset a decrease in enrolment experienced since 2019-20.

Under the Admission Targets Policy, the President approves changes to, and the introduction of, admission targets following consultation and discussion with the applicable dean or director, with Senate, and with the Board of Governors.

As no significant concerns have been raised, I approve a one-time increase to the admission target of the Pharm.D. program for the 2022-23 admissions cycle from 55 students to 60 students. As outlined in the proposal, current course capacity will be sufficient to accommodate the one-time expansion and no new resources are required.

Please proceed accordingly.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Mark Torchia, Vice-Provost (Teaching and Learning)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Dean, Rady Faculty of Health Sciences and Vice-Provost (Health Sciences)
Lalitha Raman-Wilms, Dean, College of Pharmacy
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, Office of Institutional Analysis
Cassandra Davidson, Academic Program Specialist




**University
of Manitoba** | Office of the President

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DATE: April 12, 2022

TO: Jeff Leclerc, University Secretary

FROM: **Michael Benarroch, Ph.D.**
President and Vice-Chancellor 

RE: Reallocation of Admission Targets, Bachelor of Social Work Program

The recommendation for a one-time reallocation of admission targets for the Bachelor of Social Work (BSW) program was brought forward for consultation with Senate on March 2, 2022, and the Board of Governors on March 22, 2022. The Faculty of Social Work is requesting the reallocation of seats to accommodate a cohort of southern child and family service workers in rural and Indigenous communities through the Distance Delivery program site for the 2022-23 academic year.

Under the Admission Targets Policy, the President approves changes to, and the introduction of, admission targets following consultation with the applicable dean or director, with Senate, and with the Board of Governors.

As no significant concerns have been raised, I approve a one-time reallocation of up to forty-eight existing unfilled seats (twenty-three from the Inner-City program site and twenty-five from the Northern program site) to the BSW Distance Delivery program site for the 2022-23 admissions cycle. Any seats unused by the cohort will be transferred back to the original program site, and if not filled at the original site, be reallocated back to distance delivery seats to address any unmet demand. As outlined in the proposal, the reallocation results in no net increase of seats and no new resources are required of the institution.

Please proceed accordingly.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Greg Smith, Vice-Provost (Academic Planning and Programs)
Laurie Schnarr, Vice-Provost (Students)
Michael Yellow Bird Dean, Faculty of Social Work
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist

In Memoriam – Dr. James A. MacMillan

Dr. James (Jim) A. MacMillan, retired professor and former head in the Department of Agribusiness and Agricultural Economics, passed away on March 2, 2022.

Jim joined the University of Manitoba in 1968 after completing his PhD at Ames, Iowa. In the late 1970s, he left to join University of British Columbia in Vancouver, and later the Canadian Energy Research Institute (CERI) where he stayed until 1985 when he returned to UM to take on the role of department head (1985-1997). He retired in 2006.

Jim taught and researched in several areas throughout his career with a major focus on economic development and finance. He was especially well known for his work and research in regional economic development. He had a significant influence in this area through graduate students and research analysis of the shared federal-provincial programs such as the Agricultural and Rural Development Act (ARDA) and the Fund for Rural Economic Development (FRED).

Winnipeg Free Press Obituary - https://passages.winnipegfreepress.com/passage-details/id-305854/MACMILLAN_JAMES

In Memoriam – Dr. Gustaaf Peter Sevenhuysen

After a long battle with cancer, Gustaaf Peter Sevenhuysen passed away peacefully at home in Winnipeg on February 4, 2022, at the age of 74.

Gustaaf was born in Den Haag, Netherlands, but completed his PhD in International Development at London University's Applied Nutrition program in Debang, Ethiopia. He was then employed by UNICEF in Zambia and with the UN Food and Agriculture Organization (FAO) in Rome where he worked on food assistance programs and poverty alleviation projects. In 1979, Gustaaf accepted a position as an International Nutrition Specialist with the University of Manitoba and enjoyed a long career in the Faculty of Human Ecology with a cross appointment in the Department of Community Health Sciences (Rady Faculty of Health Sciences). He had a strong belief that nutrition was a critical component of a health-oriented faculty. In addition to developing a strong graduate program, Gustaaf continued his work as a consultant to numerous International Organizations sharing his expertise on national food policy, nutrition survey methodology, and community development. For many years, he was a UNICEF consultant to BAPPENAS, the National Development Planning Agency in the Republic of Indonesia. Gustaaf also made significant contributions to community nutrition in Winnipeg including the Healthy Start Program for Mom and Me by the Winnipeg Regional Health Authority as well as programs in Jakarta, Indonesia. He was an innovative teacher and very supportive of his graduate students, many of whom hold important positions in Canada and around the world.

In 2004 he was appointed Dean of the Faculty of Human Ecology, a position he held until his retirement in 2014. During his 10 years as Dean he demonstrated outstanding leadership by encouraging and enhancing collaboration among the three departments. He was totally dedicated to making the Faculty of Human Ecology one of the outstanding units on campus. While they were small in number, less than 29 faculty, they had one of the highest student/staff ratios on campus. Their teaching, research and community activities were stellar and he went out of his way to ensure they had the support needed to maintain a positive and productive working environment for both the academic and support staff. He introduced the medical textile teaching and research program that has achieved great success and recognition in the Biosystems Engineering Department. However, it was the fire in 2009 in the Duff Roblin Building that could have had a devastating impact on the Faculty. Gustaaf prevented this from happening by finding placements for the staff in different buildings on campus as well as at the Canadian Centre for Agricultural Research in Medicine (CCARM). As a result, the disruption in research and teaching activities were minimized. This was achieved within a very short period of time and was a testament to his extraordinary skills and dedication as an administrator.

When the Faculty dissolved, Gustaaf ensured the success and smooth transition for each department in their new faculties. Gustaaf retired in 2014 and was honoured with the title of Dean Emeritus in 2016 for his many contributions as Dean. During his retirement, he became interested in the field of textile fibre development, inventing and developing processing techniques for generating fibres from agricultural plants. Gustaaf leaves behind his wife, Rina Sevenhuysen, his daughter Clair Sevenhuysen (Phillip Lagace-Wiens), grandchildren Alexandre and Sophie (Lagace) and his first wife, Laura

Sevenhuysen. He will be missed and remembered by his colleagues, friends, and community in Winnipeg.

Winnipeg Free Press Obituary - https://passages.winnipegfreepress.com/passage-details/id-305241/SEVENHUYSEN_GUSTAAF

In Memoriam: Robert Archambeau (1933–2022)

Professor Emeritus at the School of Art

It is with great sadness that we announce the passing of University of Manitoba Professor Emeritus Robert Archambeau on April 25, 2022. An internationally acclaimed artist, Professor Archambeau taught ceramics at the University of Manitoba for twenty-three years, from 1968 until retirement in 1991. While teaching at the School of Art, Professor Archambeau influenced several generations of ceramic artists, many of whom are still active in their practices today. From the time he was named Professor Emeritus at the University of Manitoba in 2004 in recognition of his excellence in teaching and research, he hardly missed a day working in the studio at the School of Art, unless he was at his Bissett studio in northeastern Manitoba. He continued to exhibit and lecture widely, all the while quietly imparting his experience, knowledge, and encouragement to students and faculty alike.

Born on April 18 in 1933 in Toledo, Ohio, Robert Archambeau received his BFA from Bowling Green State University, Ohio, and his MFA from the prestigious Alfred University in New York. After teaching for four years at the Rhode Island School of Design, he was invited to teach at the University of Manitoba. His passion for clay and his unwavering commitment to exceptionally high standards were enduring qualities that he passed on to his students, and his discerning eye and love of beautiful objects continued throughout his lifetime, resulting in him becoming an avid collector as well as a maker.

One of the foremost ceramic artists in North America, Professor Archambeau's reach was long and his work lauded broadly. In 2003, he was awarded the Governor General's Award in Visual and Media Arts, and in 2008 the National Council on Education for the Ceramic Arts (NCECA) bestowed a lifetime achievement award on him for his extraordinary contribution to the field of ceramics. In 2014 he won the Manitoba Arts Council's Award of Distinction "for achieving the highest level of artistic excellence while building a monumental legacy in the field of ceramics on a provincial, national, and international level."^[1] As much as he appreciated the accolades, and

graciously accepted them, throughout his career Professor Archambeau remained humble and focused on spending as much time as he possibly could developing his artwork in the studio. Inspired by pottery traditions in Japan, Korea, and China, combined with the landscape he witnessed around his beloved Bissett property, his iconic wood-fired pots possess an undeniable presence, each form created with immaculate attention to detail.

Professor Archambeau continued mentoring many of his students throughout their careers, and his presence as an exemplary artist will be greatly missed; however, his influence will live on through his remarkable body of work. Robert Archambeau's prolific career and his exceptional level of professionalism made him the perfect role model for many. He set the standard for us all. Upon meeting Professor Archambeau, you immediately knew you were in the presence of someone larger than life.

Condolences go out to Robert Archambeau's family and all who were close to him, all who were inspired by him, and all who will miss him. Although his voice has been silenced his legacy will live on through his artwork and the many artists he taught and mentored, and whose life's paths he helped forge. And those of us who were fortunate enough to have met Professor Archambeau, we will fondly remember the stories, experiences, and life lessons he imparted with sharp wit and wisdom over a piece of cake and a coffee over the years.

"My aim is not the decorative or didactic, or clay as visual entertainment, it is not political. Instead, I hope my work is, in some measure, a distillation of the magic and mystery that surrounds me on this, my part of the Canadian Pre-Cambrian Shield. It is, at its best, pottery that is serene, rich in detail, detached from the mundane and timeless." [2]

1. <https://artscouncil.mb.ca/2014/05/robert-archambeau-2014-manitoba-arts-award-of-distinction/>

2. <http://artceteragallery.blogspot.com/2011/03/teapots-invitational-robert-archambeau.html>

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

Terms of reference for the Senate Committee on Awards include the following responsibility:

On behalf of Senate, to approve and inform Senate of all new offers and revised offers of awards that comply with the Student Awards Policy.

Observations

At its meeting of April 7, 2022, the Senate Committee on Awards approved 4 new offers, 16 revised offers and 4 withdrawals as set out in the *Report of the Senate Committee on Awards (April 7, 2022)*.

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve 4 new offers, 16 revised offers and 4 withdrawals as set out in the *Report of the Senate Committee on Awards (April 7, 2022)*. These award decisions comply with the Student Awards Policy.

Respectfully submitted,

Dr Jared Carlberg

Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

April 7, 2022

1. NEW OFFERS

Dr. N.S. Ramamurthy Memorial Scholarship

Sharon Oliver-Murthy established an endowment fund at the University of Manitoba with an initial gift of \$50,000 in 2021. The purpose of the fund is to reward the academic achievements of students who are in the Pre-Veterinary stream in the Faculty of Agricultural and Food Sciences at the University of Manitoba. Each year, the available annual income from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in any year of study in a degree program in the Faculty of Agricultural and Food Sciences;
- (2) has achieved a minimum degree grade point average of 3.0;
- (3) has achieved the highest standing in their first 24 credit hours of courses taken in the Pre-Veterinary stream; and
- (4) is currently enrolled in courses required for the second year of the Pre-Veterinary stream.

If there are no students who meet the criteria above, the award will be offered to a student who meets criteria (1) and (2), has completed the highest standing in their first 24 credit hours towards the Animal Systems program, and is currently enrolled in the second year of the program.

The Faculty of Agricultural and Food Sciences Awards Committee will name the selection committee for this award, which will include the Head of the Department of Animal Science (or designate).

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate) and providing all reasonable efforts have been made to consult, the Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

E²B Scholarship in Jazz Performance

In memory of Eleanor Beaudoin, Dr. Markram Boctor established an endowment fund at the University of Manitoba with an initial gift of \$50,000 in 2022. The purpose of the fund is to recognize the academic achievements of undergraduate students in the Bachelor of Jazz Studies program in the Desautels Faculty of Music. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in any year of study in the Bachelor of Jazz Studies program in the Desautels Faculty of Music;
- (2) has either:
 - (a) as an entering student, achieved a minimum average of 85% on those courses considered for admission to the University of Manitoba; or
 - (b) as a continuing student, achieved a minimum degree grade point average of 3.5;
- (3) has either:

- (a) as an entering student, shown great skill and promise in their principal instrument, as determined through the Desautels Faculty of Music entrance audition; or
- (b) as a continuing student, demonstrated excellence in their principal instrument, as determined by the selection committee.

Preference will be given to students whose primary instrument is jazz piano or jazz brass instruments.

In the event of a tie, the scholarship may be split equally between the two deserving candidates.

If in any given year there is no eligible candidate who meets all of the criteria outlined above, the award will not be offered and the available annual income will be reinvested into the fund.

The Dean of the Desautels Faculty of Music (or designate) will name the selection committee for this award, which will include the Director of Jazz Studies (or designate).

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, the Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

Madhav and Sharda Sinha Prize for Quality Assurance

Madhav and Sharda Sinha established the Madhav and Sharda Sinha Prize for Quality Assurance with an initial gift of \$10,000 in 2022. The purpose of the prize is to reward the academic achievement of the top student graduating from the Quality Management Certificate Program in Extended Education at the University of Manitoba. Each year, beginning in the 2022-2023 academic year, one prize valued at \$1,000 will be offered to a student who:

- (1) was enrolled in the Quality Management Certificate Program in Extended Education in the year in which the award was tenable;
- (2) has achieved a minimum certificate grade point average of 3.5; and
- (3) of those who have met criteria (1) and (2), have achieved the highest certificate grade point average.

Ties are to be broken using the following criteria, in priority sequence: (i) the Degree Grade Point Average, calculated to the fourth decimal place; (ii) the higher proportion of A+ and A grades in a total program; (iii) the highest number of credit hours completed in the degree program; (iv) the greater proportion of senior- or advanced-level courses in the total program.

The Dean of Extended Education (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, the Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

The Collective Bursary for Indigenous Students in Interior Design

A group of design studios across the province of Manitoba will make an annual contribution of a minimum of \$2,500 to the University of Manitoba for a minimum of three years to offer the Collective Bursary for Indigenous Students in Interior Design. The purpose of the award is to support Indigenous

undergraduate students who are pursuing studies in the Interior Environments stream in the Faculty of Architecture at the University of Manitoba. Each year, beginning in 2022-2023, one or more bursaries valued at \$2,500 each will be offered to undergraduate students who:

- (1) have self-declared as First Nations, Métis, or Inuit people from Canada;
- (2) are enrolled full-time (minimum 60% course load) in the third or fourth year of study in the Interior Environments option in the Bachelor of Environmental Design program in the Faculty of Architecture;
- (3) have achieved a minimum degree grade point average of 2.5; and
- (4) have demonstrated financial need on the standard University of Manitoba bursary application form.

If, in any given year, there is only one eligible undergraduate student who meets the criteria above, the award will be offered to that eligible student.

If, in any given year, there are no applicants who meet all of the numbered criteria above, one bursary will be awarded to a graduate student who:

- (1) has self-declared as a First Nations, Métis, or Inuit person from Canada,
- (2) is enrolled full-time in the Faculty of Graduate Studies in any year of study in the Master of Interior Design program offered by the Faculty of Architecture;
- (3) has achieved a minimum grade point average of 3.0, based on the last 60 credit hours (or equivalent) of study; and
- (4) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to determine the number of awards offered each year based on the available funds, as outlined in the criteria above.

The Dean of the Faculty of Architecture (or designate) will name the selection committee for this award.

This agreement may be amended by the mutual consent of the donor (or designate) and the University of Manitoba. All such amendments shall be in writing. In the absence of the donor (or designate), and providing all reasonable efforts have been made to consult, the Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

2. AMENDMENTS

Alexander, Pauline and Sybil Shack Scholarship in English

The following amendments were made to the terms of reference for the Alexander, Pauline and Sybil Shack Scholarship in English:

- The preamble was revised to:

In honour of her mother and in memorial tribute to her father, Miss Sybil F. Shack established an endowment fund at the University of Manitoba in 1968. The purpose of the fund is to reward the academic achievement of students studying English Literature at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. Each year, two scholarships will be offered based on the annual income from the fund.

- The numbered criteria were revised to:

The first scholarship, valued at 55% of the available annual income from the fund, will be offered to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in the fourth year of the Bachelor of Arts (Honours) program with a declared major in English Literature; and*
- (2) has achieved a minimum degree grade point average of 3.5.*

The second scholarship, valued at 45% of the available annual income from the fund, will be offered to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in the third year of the Bachelor of Arts (Honours) program with a declared major in English Literature; and*
- (2) has achieved a minimum degree grade point average of 3.5.*

- The following sentences were added:

In the event that the selection committee finds two candidates of equal merit, they will have the discretion to split this award between the two deserving students.

In the event that there are no eligible candidates, the scholarship will not be offered and any unspent interest will be reinvested into the fund.

- The selection committee paragraph was revised to:

The Head of the Department of English, Theatre, Film & Media (or designate) will name the selection committee for this award.

- The standard Board of Governors statement was added.

Betty Havens Centre on Aging Graduate Fellowship

The following amendments were made to the terms of reference for the Betty Havens Centre on Aging Graduate Fellowship:

- The preamble was revised to:

The Centre on Aging at The University of Manitoba established an endowment fund to encourage graduate student interest in research in the area of aging. The Manitoba Scholarship and Bursary Initiative may make a contribution to the fund. Each year, the available annual income from the fund will be used to offer one fellowship to a graduate student who:

- The numbered criteria were revised to:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in either the first or second year of a Master's program, or is within the first four years of a doctoral program, and whose research focuses on aging;*
- (2) has achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and*
- (3) has demonstrated outstanding interest in, or commitment to, research in aging.*

- The second paragraph was revised to:

The recipient cannot hold any major award valued at \$10,000 or greater in the year in which the fellowship is tenable.

- The following paragraphs were revised to:

In order to demonstrate how they meet the above criteria, applicants will be required to submit: (i) a description of the proposed research and a statement of its practical applicability and relevance to aging (maximum 250 words), (ii) curriculum vitae, (iii) an official transcript, and (iv) two letters of reference one from the graduate advisor and one from another faculty member familiar with the student's research publications. The referees must forward both letters, directly to the Centre on Aging.

The recipient of the fellowship will be required to submit a copy of the thesis/dissertation when complete, acknowledging financial support.

A student may only hold this award once in a specific degree program. The stage in career will be considered and students will be ranked according to academic record, research project, research experience, publications and presentations, and letters of support.

- The selection committee paragraph was revised to:

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Director of the Centre on Aging (or designate) to name the selection committee for this award.

- The standard Board of Governors statement was added.

Douglas and Beverly Ruth Centenary Award in Engineering

The following amendments were made to the terms of reference for the Douglas and Beverly Ruth Centenary Award in Engineering:

- The preamble was revised to:

In celebration of the Price Faculty of Engineering's centennial anniversary in 2008, Dr. Douglas and Mrs. Beverly Ruth established an endowment fund at the University of Manitoba with an initial gift of \$10,000 in 2008. The purpose of the fund is to provide scholarship support to engineering students so that they may excel in their studies. Each year, the available annual income from the fund will be used to offer two or three scholarships to undergraduate students who:

- The numbered criteria were revised to:

- (1) are enrolled full-time or part-time in the second, third, or fourth year of study in the Price Faculty of Engineering;*
- (2) have achieved a minimum degree grade point average of 3.5; and*
- (3) have demonstrated leadership, character and humility.*

- The following paragraph was added:

Each department in the Price Faculty of Engineering, as well as the Director of ENGAP and the Director of Co-op Industrial Internship Program, will be invited to submit one nominee for this award for consideration by the selection committee. All nominators will be required to submit a written statement (maximum 250 words) detailing how the nominee meets criterion (3).

- The selection committee paragraphs were revised to:

The selection committee will have the discretion to determine the number and value of awards offered each year based on the available funds, as outlined in the criteria above.

The selection committee for this award will be the Scholarships, Bursaries, and Awards Committee of the Price Faculty of Engineering.

- The standard Board of Governors statement was added.

Eastern Grassland Society Inc. Bursary

The following amendments were made to the terms of reference for the Eastern Grassland Society Inc. Bursary:

- The preamble was revised to:
At the time of its disbandment in 2003, the Eastern Grassland Society Inc. established an endowment fund with a gift of \$12,000 to provide a bursary for students in the Faculty of Agricultural and Food Sciences or the School of Agriculture at the University of Manitoba. From the time of its formation in 1973, the Eastern Grassland Society Inc. assisted forage and livestock producers in developing and promoting the latest technology for use on their farms. Each year, beginning in 2005-2006, the available annual income will be used to offer one bursary to an undergraduate student who:
- The numbered criteria were revised to:
(1) is enrolled full-time (minimum 60% course load) in either:
(a) in any year of study in the School of Agriculture (diploma program); or
(b) the third year of study or higher in the Faculty of Agricultural and Food Sciences (degree program) at the University of Manitoba;
(2) has achieved a minimum degree grade point average of 2.5; and
(3) has demonstrated financial need on the standard University of Manitoba bursary application form.
- The preference statement was revised to:
Preference will be given to a student who has graduated from Springfield Collegiate, Edward Schreyer School, or Lac du Bonnet Senior School.
- The standard Board of Governors statement was added.

Enid Driben-Triller Memorial Scholarship in Social Work

The following amendments were made to the terms of reference for the Enid Driben-Triller Memorial Scholarship in Social Work:

- The preamble was revised to:
Through a bequest from Freda Driben, an endowment fund was established with a gift of \$20,000 to the University of Manitoba in 2002. Enid Driben-Triller, Freda's daughter, graduated from the University of Manitoba in 1981 with a Bachelor of Social Work. The purpose of the fund is to recognize the academic achievements of graduate students in the Faculty of Social Work at the University of Manitoba. Each year, the available annual income from the fund will be used to offer one scholarship to a graduate student who:
- The numbered criteria were revised to:
(1) is enrolled part-time or full-time in the first year of study in the Faculty of Graduate Studies in the Doctoral program offered by the Faculty of Social Work;
(2) and has achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study;

(3) has obtained the highest admission score to the Doctoral program.

- The selection committee paragraph was revised to:
The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Faculty of Social Work (or designate) to name the selection committee for this award.
- The standard Board of Governors statement was added.

Eugene H. Lange Memorial Bursary

The following amendments were made to the terms of reference for the Eugene H. Lange Bursary:

- The second sentence after the preamble was revised to:
Each year, one bursary will be offered annually to an undergraduate student who:
- The numbered criteria were revised to:
(1) is enrolled full-time (minimum 60% course load) in the second year of study in the diploma program offered by the Faculty of Agricultural and Food Sciences;
(2) has achieved a minimum degree grade point average of 2.5;
(3) has demonstrated outstanding leadership ability; and
(4) has demonstrated financial need on the standard University of Manitoba bursary application form.
- The second paragraph was revised to:
In order to demonstrate how they meet criterion (3), applicants must submit a letter outlining their leadership experience (maximum 250 words).
- The selection committee paragraph was revised to:
The selection committee will be the Faculty of Agricultural and Food Sciences Awards Committee.
- The standard Board of Governors paragraph was added.

Jal Tata Award

The following amendments were made to the terms of reference for the Jal Tata Award:

- The preamble was revised to:
In memory of Dr. Jal Tata, a faculty member in the College of Rehabilitation Sciences who passed away in 1980, his wife, Liz, and the Tata family, established an endowment fund at the University of Manitoba with an initial gift of \$3,500 in 2003. Dr. Tata was committed to research which would advance physiotherapy practice. This scholarship recognizes a student with high academic standing who is conducting research highly relevant to physiotherapy (including, but not limited to, clinical practice, health promotion, health policy, and education). Each year, the available annual income from the fund will be used to offer one scholarship to a graduate student who:
- The numbered criteria were revised to:
(1) has a four-year bachelor's degree (or equivalent) in physiotherapy;

- (2) *is enrolled full-time in the Faculty of Graduate Studies in the Master of Science (M.Sc.) in Rehabilitation Sciences program offered by the College of Rehabilitation Sciences; and*
- (3) *has achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study.*

- The following sentence was added:

Candidates are required to submit completed application forms to the College of Rehabilitation Sciences. Application forms may be obtained by emailing the Program Assistant.

- The selection committee paragraph was revised to:

The Dean of the College of Rehabilitation Sciences (or designate) will name the selection committee for this award.

- The standard Board of Governors statement was added.

James I. Elliot Bursary in Agricultural and Food Sciences

The following amendments were made to the terms of reference for the James I. Elliot Bursary in Agriculture and Food Sciences:

- The preamble was revised to:

In honour of his contributions to the Faculty of Agricultural and Food Sciences at the University of Manitoba and to the agricultural industry, friends and colleagues of Dr. James I. Elliot established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund.

Each year, one bursary valued at \$2,500 will be offered to an undergraduate student who:

- The numbered criteria were revised to:

Each year, one bursary valued at \$2,500 will be offered to an undergraduate student who:

- (1) *is a Canadian citizen or a permanent resident of Canada;*
- (2) *is enrolled full-time (minimum 60% course load) in the third year or higher of study in any degree program offered by the Faculty of Agricultural and Food Sciences at the University of Manitoba;*
- (3) *has achieved a minimum degree grade point average of 2.5; and*
- (4) *has demonstrated financial need on the standard University of Manitoba bursary application form.*

- The second numbered criteria were revised to:

Each year, one bursary valued at \$1,000 will be offered to an undergraduate student who:

- (1) *is a Canadian citizen or a permanent resident of Canada;*
- (2) *is enrolled full-time (minimum 60% course load) in the second year or higher of study in the Diploma in Agriculture program in the School of Agriculture at the University of Manitoba;*
- (3) *has achieved a degree grade point average of 2.5; and*
- (4) *has demonstrated financial need on the standard University of Manitoba bursary application form.*

- The following paragraph was added:

In any given year, if there are no students who meet criterion (1) both bursaries can be awarded to a student who meets criteria (2) through (4).

- The standard Board of Governors statement was added.

Linda K. Park Memorial Bursary

The following amendments were made to the terms of reference for Linda K. Park Memorial Bursary:

- The preamble was revised to:

Charlotte Blackman established an endowment fund at the University of Manitoba in the amount of \$10,233, in memory of her best friend, Linda K. Park, B.A. During her career with the Royal Bank of Canada, Linda distinguished herself in the fields of employment diversity and Indigenous banking. Proud of her Métis heritage, she inspired, motivated, and supported Indigenous students in their quest for educational opportunities and achievement. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer two bursaries of equal value to undergraduate students who:

- The numbered criteria were revised to:

- (1) are members of the Indigenous Business Education Partners (IBEP) program;*
- (2) are enrolled full-time (minimum 60% course load) in the Asper School of Business;*
- (3) have achieved a minimum degree grade point average of 2.5; and*
- (4) have demonstrated financial need on the Indigenous Business Education Partners (IBEP) bursary application as approved by the Financial Aid and Awards office at the University of Manitoba.*

- The selection committee paragraph was revised to:

The selection committee will be named by the Director of the Indigenous Business Education Partners (IBEP) program (or designate) and will include the Coordinator of the Program.

- The standard Board of Governors statement was added.

Major G.E.H. Barrett-Hamilton Memorial Scholarship

The following amendments were made to the terms of reference for Major G.E.H. Barrett- Hamilton Memorial Scholarship:

- The preamble was revised to:

An endowment fund was established at the University of Manitoba in memory of Major G.E.H. Barrett-Hamilton and his daughter, G.M. (Peggy) Nesbitt. Major Barrett-Hamilton was a world-renowned zoologist in the area of mammalogy, including arctic marine mammals. His daughter also pursued zoological interests, graduating from the University of Manitoba in 1931 with a B.Sc. degree.

Annual contributions to the award fund made by the donor, up to a maximum of \$12,500, were matched by the Edward Eric Hildebrand and Ann Palmer Hildebrand Memorial Scholarship Fund, for a period of ten years beginning in 2005 and continuing through 2014. Each year, the available annual income from the fund will be used to offer one or more scholarships to graduate students who:

- The numbered criteria were revised to:
 - (1) *are enrolled full-time in the Faculty of Graduate Studies in the first or second year of a M.Sc. or Ph.D. degree program in the Department of Biological Sciences, in the area of animal biology;*
 - (2) *have achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study;*
 - (3) *demonstrate research potential or expertise based on letters of reference and quality of their application; and*
 - (4) *demonstrate high academic achievement based on project reports, publications, conference presentations or related accomplishments.*
- The third paragraph was added:

In order to demonstrate how they meet criteria (3) and (4), applicants must submit one academic letter of reference, and a completed Biological Sciences Award Application form.
- The fourth paragraph was revised to:

This scholarship cannot be held with any other awards valued at more than \$5,000 each. The scholarship may only be held once by a recipient.
- The following paragraph was added:

The selection committee will have the discretion to determine the number and value of awards offered each year based on the available annual income, as outlined above.
- The selection committee paragraph was revised to:

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Biological Sciences (or designate) to name the selection committee for this award.
- The standard Board of Governors statement was added.

Pharmacy Class of 2014 Bursary

The following amendments were made to the terms of reference for Pharmacy Class of 2014 Bursary:

- The preamble was revised to:

Due to their tremendous fundraising efforts, the graduating Pharmacy class of 2014 established an endowment fund at the University of Manitoba, with initial gifts totaling \$25,000 in 2014. The purpose of the fund is to support students entering the second year of Pharmacy in the College of Pharmacy at the University of Manitoba. Each year, beginning in 2016-2017, the available annual income from the fund will be used to offer one bursary to an undergraduate student who:
- The numbered criteria were revised to:
 - (1) *is enrolled full-time (minimum 60% course load) in the second year of the PharmD program in the College of Pharmacy;*
 - (2) *has achieved a minimum degree grade point average of 2.5; and*
 - (3) *has demonstrated financial need on the standard University of Manitoba bursary application form.*

- The selection committee paragraph was revised to:
The selection committee for this award will be the College of Pharmacy Professional Program Awards Committee.
- The standard Board of Governors statement was updated.

P.M. Shen Memorial Bursary

The following amendments were made to the terms of reference for P.M. Shen Memorial Bursary:

- The preamble was revised to:
Dr. Aaron Chiu and Dr. Leslie Simard-Chiu established a fund at the University of Manitoba in 2019. In 2022, additional donations were pledged by the donors to establish an endowment fund to continue supporting students in perpetuity. This bursary will financially support students in the Undergraduate Medical Education program at the University of Manitoba. When funds are available, the Manitoba Scholarship and Bursary Initiative may make a contribution to the award. Each year, beginning in 2019-2020, one or more bursaries valued at a minimum of \$1,000 will be offered to undergraduate students who:
- The paragraph following the numbered criteria was revised to:
The selection committee will have the discretion to determine the number and value of bursaries offered each year based on the available funds, as outlined in the criteria above.

Rossnagel Scholarship for Academic Improvement

The following amendments were made to the terms of reference for Rossnagel Scholarship for Academic Improvement:

- The preamble was revised to:
Dr. Brian Rossnagel and his wife, Laurel Rossnagel, established a scholarship fund at the University of Manitoba to recognize a student in the final year of study in the Plant Biotechnology or Agronomy Programs in the Faculty of Agricultural and Food Sciences, who has achieved significant academic improvement over the course of undergraduate study at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative made a contribution to this fund. Dr. Brian Rossnagel received his B.Sc. and Ph.D. degrees from the Faculty of Agriculture at the University of Manitoba. He is a plant breeder who has devoted most of his career to developing new feed and industrial barley and oat cultivars through his work at the Crop Development Centre at the University of Saskatchewan.
- The numbered criteria were revised to:
 - (1) is enrolled full-time (minimum 80% course load) in the fourth year of study in the Plant Biotechnology or Agronomy Programs in the Faculty of Agricultural and Food Sciences at the University of Manitoba;
 - (2) has achieved a minimum degree grade point average of 2.5; and
 - (3) has demonstrated the most significant improvement in academic performance in the third year of study relative to second year (based on comparison of degree grade point averages at the end of second year and at the end of third year).

- The following statement was revised to:

If for any reason there is no suitable candidate for this scholarship, it will not be awarded for that year. This scholarship may be divided equally between two recipients in the event of a tie.

- The Board of Governors statement was added.

The Bud Harden Player's Award

The following amendments were made to the terms of reference for The Bud Harden Player's Award:

- The following sentence was added to the preamble:

In 2022-2023, \$1,000 from the capital of the fund will be used to offer one scholarship valued at \$1,000 to an eligible undergraduate student.

- The following criteria was revised to:

(3) has achieved a minimum degree grade point average of 2.0; and

Walter and Maria Schroeder Foundation Scholarship

The following amendments were made to the terms of reference for the Walter and Maria Schroeder Foundation Scholarship:

- The name of the award was revised to The Schroeder Foundation Scholarship:
- The preamble revised to:

Walter Schroeder (B.Comm. (Hons.)/68) and Maria Schroeder (B.A./64) have generously established a fund through The Schroeder Foundation at the University of Manitoba in 2018. The fund will be used to provide renewable entrance scholarships for students graduating from St. John's High School or Daniel McIntyre Collegiate Institute. When funds are available, the Manitoba Scholarship and Bursary Initiative may make a contribution to the award.

Beginning in 2022-2023 and ending in 2025-2026 13 renewable scholarships valued at \$7,500 each will be offered to students who have graduated from St. John's High School or Daniel McIntyre Collegiate Institute. The allocation of the scholarships will be determined by the selection committee. In addition, up to three of the students selected for the scholarship will receive funding to cover residence and meal plan fees. Each student must:

- The numbered criteria were revised to:

(1) be enrolled full-time (minimum 80% course load) in their first year of study in either:

(4) the Price Faculty of Engineering, the Asper School of Business, the Faculty of Science, or University 1 at the University of Manitoba; or

(5) any faculty, college or school at the University of Manitoba and has self declared as a First Nations, Métis or Inuit person from Canada.

(2) have achieved a minimum average of 85% on the best five courses appearing on the list of acceptable courses for the University of Manitoba General Entrance Scholarship Program;

(3) have demonstrated a willingness to encourage students from their high school to pursue post-secondary education; and

(4) be committed to participating in The Schroeder Foundation Mentorship Program.

- The paragraphs following the numbered criteria were revised to:
Preference will be given to students who have self-declared as a First Nations, Métis or Inuit person from Canada
All proceeds of the scholarship must be applied toward tuition fees and related academic expenses as approved by Financial Aid & Awards. Any outstanding balance remaining at the end of the year will be retained within the fund.
Applicants are required to submit an application, which consists of (i) three letters of recommendation: one from the School Principal, one from a Student Guidance Counsellor, and one from a teacher; (ii) a statement (maximum 500 words) that outlines how they meet criteria (3) and (4) and include an explanation of their academic aspirations; and (iii) a signed Mentorship Program Commitment Form from The Schroeder Foundation.
- The renewal criteria were revised to:
(1) continue to enroll full-time (minimum 80% course load) in the next ensuing year of study in either:
 - (a) the Faculty of Engineering, the Asper School of Business, or the Faculty of Science (Computer Science program); or*
 - (b) any faculty, college or school at the University of Manitoba and has self declared as a First Nations, Métis or Inuit person from Canada.**(2) have achieved a minimum sessional grade point average of 3.0*
- The renewal paragraph was revised to:
Renewals will not be less than the value of the initial scholarship offer. If a recipient does not qualify for continuation of the Scholarship, the selection committee may select another student in the same year of study who has graduated from one of the qualifying high schools, and who meets the renewal qualifications. The Associate Registrar and Director, Financial Aid & Awards (or designate) will have the discretion to approve a one year deferral of this award for a student if it becomes necessary to do so due to an unexpected change in circumstance.
- The selection committee paragraph was revised to:
The Associate Registrar and Director, Financial Aid & Awards (or designate) will name the selection committee for this award. The selection committee will include one donor representative and a representative from each of the applicant's schools.

Women's Health Research Foundation of Canada Part-Time Graduate Scholarship

The following amendments were made to the terms of reference for Women's Health Research Foundation of Canada Part-Time Graduate Scholarship:

- The preamble was revised to:
The Women's Health Research Foundation of Canada established an endowment fund at the University of Manitoba. The purpose of the fund is to support graduate students at the University of Manitoba whose research focus is in some area of women's health. Each year, beginning in 2014-2015, the Foundation will provide an annual contribution of \$1,500 until such time as the available annual income from the fund is sufficient to offer a scholarship of this same amount. Each year, one scholarship valued at \$1,500 will be offered to a graduate student who:

- The numbered criteria were revised to:
 - (1) is enrolled part-time in the Faculty of Graduate Studies, in any Master's or Doctoral program;*
 - (2) has achieved a minimum degree grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study;*
 - (3) has demonstrated superior academic accomplishment; and*
 - (4) is undertaking or has proposed to undertake research in any area of women's health for the student's thesis or practicum.*
- The following paragraph was added:

In the event that there are no students who meet the criteria above, one scholarship valued at \$3,000 will be offered to a student who is enrolled full-time in the Faculty of Graduate Studies in any Master's or Doctoral program and who meets criteria (2) through (4).
- The following paragraph was revised to:

Candidates will be required to submit an application that will consist of: a description of, their proposed or ongoing research (maximum 500 words), current academic transcript(s), a current curriculum vitae, and two academic letters of reference.
- The selection committee paragraph was revised to:

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will name the selection committee for this award.
- The standard Board of Governors statement was added.

3. WITHDRAWALS

John and Karen Friesen Bursary

At the request of the donor

Master of Physician Assistant Studies Academic Performance Scholarship

At the request of the donor

Master of Physician Assistant Studies Travel Support Prize

At the request of the donor

Rapid RTC Scholarship in Science

At the request of the donor

Preamble:

1. The terms of reference for the Senate Committee on Appeals (SCAP) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/493.html
2. The Committee is charged to hear and determine appeals from:
 - a) decisions made by academic administrators involving Senate regulations in which Faculty or School Councils have no jurisdiction; and
 - b) appeals against decisions taken by Awards Selection Committees of Faculties and Schools.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and advise the Executive Committee of any Senate regulations affecting students which appear to be creating particular difficulties.

Observations:

1. The Committee has received four new appeals since the last report to Senate in October 2021. These cases are summarized, along with the one open file previously reported, without compromising the confidentiality of the Appellant.
 - An appeal was received against a decision by the Faculty of Graduate Studies. The grounds were failure of the Faculty/School or Dean/Director to reasonably consider all factors relevant to the decision being appealed. The appeal was granted.
 - An appeal was received against a decision by Faculty of Graduate Studies. The grounds were failure of the Faculty/School or Dean/Director to follow procedures and failure of the Faculty/School or Dean/Director to reasonably consider all factors relevant to the decision being appealed. The committee determined that there were insufficient grounds for the appeal to proceed to a hearing.
 - An appeal was received against a decision by the College of Pharmacy. The grounds were failure of the Faculty/School or Dean/Director to follow the rules of natural justice and failure of the Faculty/School or Dean/Director to reasonably consider all factors relevant to the decision being appealed. The committee denied the appeal.

Currently the Committee has two open files.

Respectfully submitted,
Dr. Charlotte Enns, Chair
Senate Committee on Appeals

Report of the Senate Committee on Curriculum and Course Changes RE: Annual Update on Academic Programs Listing (*for information*)

Preamble:

1. The [terms of reference](#) for the Senate Committee on Curriculum and Course Changes (SCCCC) are found on the University Governance website.
2. At the meeting on June 25, 2014, Senate received a Report of the SCCCC concerning an Audit of the University's Programs. The audit had been completed by the Office of the Vice-President (Academic) and Provost and the Office of the Registrar, in consultation with deans and directors of faculties and schools. It includes degree programs, academic minors, and academic concentrations.
3. The purpose of the audit was to ensure an accurate and comprehensive listing of academic program offerings that can be used in the academic planning process and in support of strategic initiatives at the University.
4. The Office of the Provost and Vice-President (Academic) will report to the SCCCC and to Senate annually on any changes to the program listing.

Observations:

1. At its meeting on March 25, 2022, the SCCCC received, for information, an annual update on the academic program listing from the Provost and Vice-President (Academic). The *Annual Update on Academic Programs Listing: March 2021 – February 2022* is attached to the Report.

Respectfully submitted,

Professor Greg Smith, Chair
Senate Committee on Curriculum and Course Changes



**University
of Manitoba**

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Date: February 22, 2022

To: Senate Committee on Curriculum and Course Changes
Diane Hiebert-Murphy, Provost and Vice-President Academic

From: Cassandra Davidson, Academic Programs Specialist

Re: **Annual Update on Academic Programs Listing: March 2021 – February 2022**

In June 2014, Senate was presented with a comprehensive list of academic programs offered at the University of Manitoba. As part of this audit, it was identified that an update on any changes to the offerings would be provided to Senate on an annual basis. Please find below an update of the changes over the last year. Should you have any questions or concerns about this process, please contact Cassandra Davidson, Academic Programs Specialist, at cassandra.davidson@umanitoba.ca.

PROGRAM INTRODUCTIONS:

Master of Arts in Music Research , Desautels Faculty of Music <u>Review and Approval:</u> Senate (May 2021); BOG (June 2021); Province (Dec. 2021)	<i>Effective:</i> Fall 2022
Bachelor of Arts (Honours) in Linguistics , Faculty of Arts <u>Review and Approval:</u> Senate (May 2021); BOG (March 2021); Province (May 2021)	<i>Effective:</i> Fall 2021
Access to Justice in French Concentration, Juris Doctor , Faculty of Law <u>Review and Approval:</u> Senate (Jan. 2022)	<i>Effective:</i> Fall 2022
Cert. in Building Information Modeling Management , Division of Extended Education <u>Review and Approval:</u> Senate (April 2021)	<i>Effective:</i> Fall 2021
Micro-Cert. in Artificial Intelligence: Machine Learning Solutions , Division of Extended Education <u>Review and Approval:</u> Senate (Nov. 2021)	<i>Effective:</i> Summer 2022

PROGRAM CLOSURES:

Master of Science in Family Social Sciences , Max Rady College of Medicine <u>Review and Approval:</u> Senate (June 2021); BOG (June 2021); Province (Sept. 2021)	<i>Effective:</i> Fall 2021
Diploma in Population Health , Max Rady College of Medicine <u>Review and Approval:</u> Senate (June 2020); BOG (June 2020); Province (Jan. 2022)	<i>Effective:</i> Fall 2022

Integrated Bachelor of Music/Bachelor of Education Program, Desautels Faculty of Music and Faculty of Education *Effective: Fall 2021*
Review and Approval: Senate (Feb. 2021); BOG (March 2021); Province, (June 2018¹)

Biomedical Science Concentration, Bachelor of Health Sciences, Rady Faculty of Health Sciences *Effective: Fall 2021*
Review and Approval: Senate (May 2021)

SUSPENSION OF ADMISSION - EXTENSIONS:

Master of Arts in Icelandic, Faculty of Arts *Effective: Fall 2015*
Review and Approval: Senate (May 2021); BOG (June 2021); President (July 2021); Province (Dec. 2021) *Extend.: Fall 2023*

Post-Baccalaureate Diploma in Agrology (IEAP), Faculty of Agricultural and Food Science *Effective: Fall 2015*
Review and Approval: Senate (May 2021); BOG (June 2021); President (July 2021) Province (Oct. 2021) *Extend: Fall 2023*

Baccalaureate Program for Registered Nurses, College of Nursing *Effective: Fall 2019*
Review and Approval: Senate (May 2021); BOG (June 2021); President (July 2021) Province (Dec. 2021) *Extend: Fall 2023*

PROGRAM NAME CHANGES:

Bachelor of Science Geological Sciences (General, Major, Honours) renamed to **Bachelor of Science (General, Major, Honours)**, Clayton H. Riddell Faculty of Environment, Earth and Resources *Effective: Fall 2022*
Review and Approval: Senate (Nov. 2021); Province (Jan. 2022)

General Degree and Minor in Geological Sciences renamed to **Earth Sciences**, Clayton H. Riddell Faculty of Environment, Earth and Resources *Effective: Fall 2022*
Review and Approval: Senate (Nov. 2021)

General Degree, Advanced Degree, and Minor/Concentration in Native Studies renamed to **Indigenous Studies**, Faculty of Arts *Effective: Fall 2022*
Review and Approval: Senate (Jan. 2022)

Ad Hoc Stream, Ph.D. in Education renamed to **Individualized Stream**, Faculty of Education *Effective: Fall 2022*
Review and Approval: Senate (Jan. 2022)

¹ Closure of the Integrated Bachelor of Music/Bachelor of Education Program was approved by the province with the approval of the replacement program, the Bachelor of Music (Music Education).



**University
of Manitoba**

Office of Provost and Vice-President (Academic)

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160

Date: March 15, 2022
To: Dr. Jeff Taylor, Dean, Faculty of Arts
From: Dr. Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Re: Implementation of Micro-Diploma in Workplace Health and Safety

The University of Manitoba Senate (January 12, 2022) and the Board of Governors (January 25, 2022) have approved the introduction by the Faculty of Arts of a Micro-diploma in Workplace Health and Safety.

I hereby approve the implementation of the Micro-diploma commencing Fall 2022, noting the following:

- The Micro-diploma requires students to complete three Labour Studies courses totaling 9 credit hours: LABR 3050 – Issues in Occupational Health and Safety and Workers’ Compensation, LABR 3060 – Workplace Health and Safety, and LABR 3070 – Labour Relations and Occupational Health and Safety Law.
- The Micro-diploma is open to students enrolled in any degree program at the UM. For students in a Labour Studies or other degree that allows for the three required LABR courses to also contribute to the degree, the Micro-Diploma will be embedded within the degree, allowing students to hold credit for the courses in both programs while still being awarded separate credentials. Where this is not possible, the Micro-Diploma can be completed as a stand-alone program, concurrent with a student’s degree program, provided this is possible given the academic regulations of the degree program.

Note: a subsequent proposal by the Faculty of Arts has been submitted to Senate in consideration of a direct-entry admission pathway into the Micro-diploma. If approved, the change would take effect Fall 2022.

- Tuition for the Micro-diploma will be assessed at the Faculty of Arts undergraduate per credit hour rate.
- Anticipated enrolment in the Micro-diploma is 10 students, with an expected maximum capacity of 35 students.
- The Micro-diploma will be funded through the reallocation of existing Faculty of Arts resources and tuition revenue and no additional financial support will be allocated in support of this implementation.

On behalf of the University of Manitoba, I extend my congratulations to all those who have worked so hard to design this exciting first Micro-diploma program to be offered by the University.

Cc.: Mark Torchia, Vice-Provost (Teaching and Learning)
Jeff Leclerc, University Secretary
Jeff Adams, Registrar and Executive Director of Enrolment Services
Randy Roller, Executive Director, Institutional Analysis
Shelley Hopkins, Executive Director, Financial Planning
Cassandra Davidson, Academic Programs Specialist



UM

Office of the University Secretary

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MEMORANDUM

DATE: March 23, 2022
TO: Michael Benarroch, Chair of Senate
FROM: Jeff M. Leclerc, University Secretary
SUBJECT: ***APPROVAL OF MOTION***
Board of Governors – March 22, 2022

On March 22, 2022 the Board of Governors, approved the following:

THAT the Board of Governors approve, as recommended by Senate:

- Report of the Senate Committee on Awards (dated January 20, 2022)
- Proposal for a Bachelor of Science (Major) and Bachelor of Science (Honours) in Environmental Geoscience, Clayton H. Riddell Faculty of Environment, Earth, and Resources

The Board received the following for information/consultation:

- Annual Report of the University Discipline Committee
- Undergraduate Admission Targets, 2022-2023
- Provincial Approval – Closure of Diploma in Population Health, Department of Community Health Sciences
- Request for temporary reallocation of admission targets, Bachelor of Social Work, Faculty of Social Work

JL/sf

Copy: D. Hiebert-Murphy
N. Andrew
C. Cook
D. Jayas
V. Koldingnes
S. Coyston

**PRESIDENT'S REPORT TO SENATE
MAY 19, 2022**

REPORT OF THE VICE-PRESIDENT (ACADEMIC) AND PROVOST

Awards

- Warren Clarke, Anthropology, received a *Community Builder Award* from United Way East Ontario. People who receive these awards are considered community leaders and fearless advocates for diversity and inclusion. Clarke is the founder of *The Afro-Caribbean Mentorship program (ACMP)* at Carleton University. This mentorship program aims to help graduate and undergraduate students in racialized communities build confidence within themselves and provide mentorship opportunities so that they can strive towards their educational and professional goals.
- Marcia Friesen, Engineering, was one of the 10 women profiled in the International Women's Day supplement in the Winnipeg Free Press on March 5, 2022, as the Dean of the Price Faculty of Engineering.
- Jon Gordon and Will Bonness, Music, have been nominated for a 2022 Juno award in the category of best solo jazz album.
- Cristina Rosell, Food and Human Nutritional Sciences, was elected as Editor in Chief of the Journal Cereal Science.
- The Commerce Students' Association (CSA) at the Asper School of Business was named the Most Outstanding Business Student Association of the year by the Canadian Association of Business Students (CABS). This prestigious national award recognizes a student association and its executive team that has made the biggest strides in the management and execution of their operations in the current year.
- Jesse Mutcheson, student, Plant Science, was recently named one of five 2022 Canadian Plant Breeding Innovation Scholars (formerly Seed of the Year Scholarship). This \$1500 award made possible by a group of sponsors, is organized by the Canadian Seed Trade Association and Germination Magazine.
- Sally Ogoe, student, Sociology and Criminology, will be attending as a delegate for the 27th Session of the Youth Assembly at the United Nations in New York on August 12-14, 2022. This competitive appointment will significantly enrich her future career as well as her educational and political aspirations. This opportunity will give her a front-row seat in witnessing and shaping youth agenda worldwide. At this assembly, Sally will also be presenting her research work on COVID-19 vaccine uptake and equality in Canada, USA and Mexico.
- Tanvi Sikand, student, Commerce, was awarded The Asper BComm's 2021 Co-op Student of the Year at the Asper Career Development Centre's Celebrating Co-op event. Sikand also received the 2021 UM Cooperation Education Student Champion award based on her work at GFIT Wellness. The

award is given annually to one co-op student within the University of Manitoba for their outstanding contribution to their workplace.

- Graham Taylor, student, Business Administration, placed first at the Stu Clark New Venture Championships: Graduate Edition business plan presentations. This is the first time in more than 12 years that a UM student has won this competition and the \$20,000 prize. Taylor placed first out of 16 graduate teams and more than 50 business plan submissions from all over North America, beating teams from the Georgia Institute of Technology, University of Arkansas, and Johns Hopkins University in the final round.
- Asper MBA students Anna Gilfillan, Nick Gamble, Alana Moffat and Assad Baker placed first in the Reimagining Women in Leadership MBA Case Competition hosted by the Ted Rogers School of Management. The international competition challenged MBA students to explore digital disruption and data privacy, as well as business, government, and consumer relationships.
- The Nursing Student's Association was the recipient of the UM Sustainability Award for Student Groups in recognition of their innovative initiative in support of mental health, *Connecting: One Conversation at a Time*. The initiative offers comfortable places to speak to a friend, colleagues, meet new people, or look up information about mental health and wellness through the strategically placed QR code and website links. Special commendations go to Gillian Laninga, Frances Hernandez, Zoie Hetlevedt, Winter Traverse, and Maria Pajarillo.
- Anica Warkentine, student, Music, recently won the Dorothy Lothar Memorial Scholarship through the Manitoba Registered Music Teachers' Association, and first prize in their performance scholarship competition (Advanced Piano division). She also won first prize in the Desautels Faculty of Music's 2022 Concerto Competition.

Initiatives

- The Faculty of Agricultural and Food Sciences and NRC-IRAP recently finalized a Contribution to Organization agreement that will provide short-term scientific or technical assistance to for-profit, small-to-medium sized Canadian enterprises (SMEs). NRC-IRAP will provide up to \$5,000 in funding to SMEs for technical assistance performed within the Faculty.
- The English Language Centre (ELC) at the University of Manitoba is partnering with Chukyo University (Japan) to provide a one-way mobility opportunity that focuses on students coming to UM to complete programming within the English Language Centre (ELC). This agreement allows Chukyo students to apply to UM's ELC programs, but it may also encourage these undergraduate students to consider enrolling in UM's graduate programs in the future. These students can also apply to JASSO, Japan's biggest student service organization, for awards and scholarships for students who study abroad.
- The Stu Clark Centre at the Asper School of Business is collaborating with the Faculty of Science to deliver the second offering of *"The Entrepreneurial Mindset"* to science students. The Centre will also be collaborating with the Faculty of Law to offer a business law clinic webinar and live event.

- On March 9, *UM Today* reported that Roma Zayats, a PhD student in immunology who emigrated from Ukraine in 2006, is working to help Ukrainians affected by war. Zayats has assisted the Ukrainian National Federation with collecting medical supplies and with preparing aid for incoming Ukrainian refugees. Alon Golubchik, a first-year medical student, is also helping to collect items to be distributed in Ukraine, including medical supplies such as first-aid kits, syringes and anti-burn gel, and items for soldiers and citizens, such as thermal clothing, tactical backpacks, and flashlights. Golubchik is also helping to raise money for the Canadian Medical Students Aid for Ukraine initiative that has sent funds to the Canadian Red Cross.

Events

- The Associates of the Asper School of Business invite UM students to get up close and personal with Indra Nooyi, one of the world's most admired and influential business leaders, on May 3, 2022. Nooyi is the recipient of the 2022 International Distinguished Entrepreneur Award (IDEA). With more than a decade as CEO of PepsiCo, Nooyi became the first woman of colour and immigrant to lead a Fortune 50 company and represents the immense importance of diversity and inclusion at all levels of leadership. The IDEA student presentation at the Drake Centre will include a Q&A facilitated by the 2022/2023 CSA President Kyla Mae Dacanay. Students will have the opportunity to ask questions and connect with Nooyi as she shares stories and the lessons learned throughout her distinguished career.
- A play based on the book *Radical Housewives: Price Wars and Food Politics in Mid-twentieth Century Canada*, written by Julie Guard, History, will be performed for a community audience at the Steelworkers' Hall in Toronto on May 3, 5 and 7. The play is a production of the Toronto Workers Heritage Project and was written from the book by historian Craig Heron.
- The College of Nursing Graduate Nursing Students Association hosted its 12th annual Advanced Practice Nursing Conference focused on Trauma-Informed Practice. The four keynote speakers, Dr. Nicole Harder, Jessy Dame, Rhonda Campbell and Jennifer Cumpsty, presented on their research and experience with trauma-informed practice. The GNSA raised \$1,000 in donations that was presented to 1JustCity, an organization that supports three drop-in community centres in Winnipeg's core neighborhoods.
- The Price Faculty of Engineering and President Michael Benarroch hosted a tour of the Stanley Pauley Engineering Building for Mr. Jon Reyes and Mr. Eric Charron, Minister and Deputy Minister of Advanced Education, Skills and Immigration respectively, and their team on March 21, 2022. The tour lasted approximately 30 minutes, and the Minister and his team expressed a lot of interest in their programs and facilities. The Price Faculty of Engineering appreciated the opportunity to highlight their curriculum connections to the labour market, experiential learning opportunities, and research portfolios in the Faculty.
- "*Lost and Found*" by The University of Manitoba Opera Theatre was presented on March 11, 2022, with an in-person audience and livestream options.
- The School of Art Student Gallery reopened to the public and presented two exhibitions:
 - *Muddy Fingers: A Showcase of Ceramic Art*
Ellina Pe Benito, Kate Clark, Hannah van Leeuwen, Solange Roy, and Bill Younger

March 9-16, 2022

○ *Home: CONSTRUCTIONS, INQUIRIES, EMBODIMENTS*

Skye Callow, Scotland Cook, and Daisy Wu

March 23-30, 2022

- The Stu Clark Centre for Entrepreneurship hosted the Stu Clark New Venture Championships from March 10 to 12. The virtual event welcomed competitors from across North America for the Graduate and Undergraduate Edition that offered more than \$60,000 in prizes. As part of this competition, the Stu Clark Centre hosted a fireside chat with Michele Romanow, entrepreneur, Dragon on Dragon's Den and venture capitalist.
- The Student Counseling Center at the University of Manitoba has met the criteria for full re-accreditation by the IACS (International Accreditation of Counseling Services) Board of Accreditation.
- In keeping with Student Affairs' commitment to equity, diversity, and inclusion (EDI), and to fostering a workplace environment that is inclusive and welcoming to all, the Office of the Registrar & Enrolment Services (ORES) staff recently completed 2SLGBTQ+ Awareness, Inclusion, and Affirmation training with the Rainbow Resource Centre.

Leadership appointments

- Marcia Anderson was appointed as Vice-Dean Indigenous health, social justice, and anti-racism at the Rady Faculty of Health Sciences. Anderson's new portfolio will include her existing duties as vice-dean, Indigenous health and her responsibilities will expand to include the Office of Equity, Diversity and Inclusion, the Office of Community Engagement, and social accountability.
- The Faculty of Law at the University of Manitoba received confirmation that Nathan Derejko would be starting his position as Assistant Professor and Mauro Chair in Human Rights and Social Justice on July 1, 2022. The Mauro Chair in Human Rights and Social Justice was created and funded through the generosity of the Mauro Foundation and is a key part of the Master of Human Rights program, now housed at Robson Hall, the Faculty of Law building on UM's Fort Garry Campus.

New resources for faculty and students

- Dr. Milos Lekic, alumnus, Dentistry, has donated a state-of-the-art digital tool to the graduate orthodontic clinic at the Dr. Gerald Niznick College of Dentistry. Lekic, a part-time assistant professor at the College, contributed an intraoral scanner valued at around \$27,000 to the College. Lekic's father, Dr. Charles Lekic, retired from UM's dental faculty in 2017. The family donated a treatment bay in the graduate orthodontic clinic and have been strong supporters of the pediatric dentistry program.
- A new educational module has been created to introduce the Disruption of all Forms of Racism policy to students, staff, faculty at the Rady Faculty of Health Sciences and the public. The online module provides an introductory understanding of concepts related to racism, including discrimination and harassment, and covers procedures for reporting racism, as well as faculty's duty to educate others about racism and intervene when witnessing racist acts.

- Muslim students now have a dedicated space for prayer on the Bannatyne campus. The new Muslim prayer room is in Room 121 Chown Building. The space gives Muslims, who traditionally engage in prayer five times per day, an easily accessible private room.
- As part of its commitment to enhance the mental health and wellbeing of our University community, Student Support has recently developed and posted an [online guide](#) to assist staff and faculty in identifying and responding to students in distress. The guide includes descriptions of common situations, resources for dealing with both urgent and non-urgent concerns, and guidance in how to approach students experiencing differing levels of distress. There is also a section focusing on available education and training initiatives for staff and faculty, including presentations, programs, and workshops, as well as tips on self-care and maintaining boundaries. Student Support is working with Marketing and Communications on plans to roll out this guide across the University so that all staff and faculty are aware. Feedback is being sought and content will be continuously revised and expanded.

REPORT OF THE VICE-PRESIDENT (RESEARCH AND INTERNATIONAL)

- In response to the federal government's easing of border restrictions, the International Student Arrival Quarantine Subsidy, which subsidized the costs associated with the mandatory quarantine for incoming international students, will be terminated effective immediately. None of the newly admitted international students who arrived in the last three weeks of March were required to quarantine.
- During the pandemic, an interim solution was approved to facilitate the payment of international graduate student stipend against tuition fees. This strategy was introduced to alleviate hardships for international students who were unable to come to Canada due to border restrictions and the UM's decision to offer courses remotely. Considering the border re-opening and the President's message that summer term classes will be held in person except for designated DE courses, this option will not be available for the summer term.
- Fifty-Seven (57) projects led by Forty-Three (43) PIs received a total of \$7,676,814 in grant funding from a variety of sponsors. Those projects receiving more than \$25,000 are:

PI	Sponsor	Title	Awarded Amount
Bandara, Nandika (Food and Human Nutritional Sciences)	CFI JELF	Infrastructure to Advance Food Protein Processing and Bioproducts Applications	\$160,000
Banerji, Versha (Internal Medicine)	Lymphoma Canada	CLLEVER: CLL EVALuation of Economic and Resource utilization	\$30,620
Bassuoni, Mohamed (Civil Engineering)	Natural Sciences and Engineering Research Council of Canada (NSERC)	Innovative nano-based coatings for protection of concrete	\$110,432

Beattie, Robert (Biochemistry and Medical Genetics)	Children's Hospital Research Institute of Manitoba (CHRM)	Developmental Origins of Rett Syndrome and the Cell-Autonomous Role of Fan1 in Regulating Disease Severity	\$25,000
Burgess, Jacob (Physics and Astronomy)	Research Manitoba	Ultrafast Nanoscale Quantum Dynamics (UltraNanoQD)	\$234,000
Burgess, Jacob (Physics and Astronomy)	University of Alberta	Ultrafast Nanoscale Quantum Dynamics (UltraNanoQD)	\$324,927
Cowley, Kristine (Physiology & Pathophysiology)	Manitoba Paraplegia Foundation Inc	Human Spinal Cord Injury Research Lab Equipment Request	\$55,000
Decker, Kathleen (Community Health Sciences)	Canadian Cancer Society	Capturing cancer progression in electronic medical records using deep learning	\$122,941
Desmarais, Annette (Sociology)	Social Sciences and Humanities Research Council of Canada (SSHRC)	Advancing equitable land policy in Canada	\$25,000
Fischer, Gabor (Pathology)	Manitoba Medical Service Foundation	Gastrointestinal Pathology Fellowship - Morphologic characterization of epithelial atypia in PSC-associated IBD	\$25,000
Frogner, Raymond (Archives and Special Collections)	Research Manitoba	NCTR Digital Architecture	\$2,411,773
Ghavami, Saeid (Human Anatomy and Cell Science)	Canadian Institutes of Health Research (CIHR)	Analysis of the mechanisms and functional significance of adiponectin-stimulated autophagy in the heart.	\$103,773
Ho, Ngai Man (Carl) (Electrical and Computer Engineering)	Mitacs Inc.	Research on EMI impacts of a paralleled GaN-based PFC	\$45,000
Jayas, Digvir (Office of the Vice-President (Research and International))	Canada Research Chair Program	Equity, diversity and inclusion (EDI) stipend	\$50,000
Jian, Fuji (Biosystems Engineering)	CFI JELF	Characterizing thin layer and deep bed drying to optimize grain drying	\$149,945

Khoshdarregi, Matt (Mechanical Engineering)	Mitacs Inc.	Vision-guided autonomous robotic trimming of vehicle fiberglass parts	\$164,000
Laouta, Hagar (College of Pharmacy)	CFI JELF	Integrated Spatial and Temporal Fluorescence Spectroscopy to Quantify Nanoscale Events in Complex Biological Systems	\$160,000
Lavoie, Josee (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	Qanuinnngitsiarutiksait 3 (Q.3): Developing mechanisms to ascertain Inuit data sovereignty in Manitoba	\$250,000
Lobb, David (Soil Science)	University of Saskatchewan	Quantifying the Impact of Agricultural Drainage on Greenhouse Gas Emissions and Removals in Wetlands	\$82,530
Logsetty, Sarvesh (Surgery)	Canadian Institutes of Health Research (CIHR)	Understanding the consequences of alcohol related traumatic injury using longitudinal administrative data	\$99,973
Marzban, Lucy (Pharmacy)	Research Manitoba	Development and validation of a novel clinical laboratory test for assessment of pancreatic amyloid formation in diabetic patients	\$99,800
McKinnon, Lyle (Medical Microbiology and Infectious Diseases)	Canadian Institutes of Health Research (CIHR)	Regulatory T cells and the control of female genital inflammation: relevance for HIV prevention	\$25,000
McLachlan, Stephane (Environment & Geography)	Social Sciences and Humanities Research Council of Canada (SSHRC)	Our Data Indigenous; Indigenous-led approaches to mobile technology that work for data sovereignty in response to industry-associated declines in health and environment	\$237,970
Minuk, Neil (Architecture)	Mitacs Inc.	Towards phenomenal and literal lightness in precast concrete MURB design	\$60,000

		[Multi Unit Residential Building]	
Mota, Natalie (Clinical Health Psychology)	Canadian Institutes of Health Research (CIHR)	When the helpers need help: Barriers to care and longitudinal mental health outcomes among public safety personnel	\$130,050
Mufti, Aftab (Civil Engineering)	Research Manitoba	Developing software based on the empirical evidence to rationalize design provisions of the Canadian Highway Bridge Design Code (CHBDC) of reinforced concrete deck slabs	\$100,000
Oleszkiewicz, Jan (Civil Engineering)	Mitacs Inc.	Improving biofilm treatment technologies to provide post-lagoon ammonia removal in cold and changing climate	\$90,000
Ominski, Kimberly (Animal Science)	Manitoba Beef Producers	Cattle: A natural systems solution to effectively utilize resources and mitigate climate change in Manitoba	\$39,420
Pascoe, Christopher (Physiology & Pathophysiology)	CFI JELF	Development of spatial RNA-sequencing platform to understand disease heterogeneity	\$328,744
Ataguba, John (Community Health Sciences)	Canada Research Chair Program	Canada Research Chair in Health Economics	\$231,000
Rastegar, Mojgan (Biochemistry and Medical Genetics)	Children's Hospital Research Institute of Manitoba (CHIRM)	Exploring a new role for MeCP2 in hippocampal neurons; implications for neurodevelopmental disorders	\$25,000
Safronetz, David (Medical Microbiology and Infectious Diseases)	Canadian Institutes of Health Research (CIHR)	Non-human primate depletion models for the study of Lassa virus pathogenesis and correlates of protection associated with Lassa fever vaccines	\$200,000

Saleem, Ayesha (Kinesiology and Recreation Management)	Children's Hospital Research Institute of Manitoba (CHRM)	Extracellular vesicles in health and disease	\$50,000
Salimi, Elham	CFI JELF	Electrical Lab-on-a-chip Devices for Medical and Biopharmaceutical Applications	\$159,731
Santer, Deanna	CFI JELF	Infrastructure to study the cellular and molecular mechanisms of antiviral immunity	\$344,376
Spiwak, Rae (Surgery)	Canadian Institutes of Health Research (CIHR)	The Power of Social Determinants of Health and their Implications for Reducing Alcohol-related Trauma	\$100,000
Tenuta, Mario (Soil Science)	Manitoba Pork Council	Survivability and Infectivity of PEDv in Soil	\$60,000
Thomson, Douglas (Electrical and Computer Engineering)	Natural Sciences and Engineering Research Council of Canada (NSERC)	Acoustic guided wave detection of corrosion in ground rods	\$86,934
Woodgate, Roberta (Nursing)	Social Sciences and Humanities Research Council of Canada (SSHRC)	Advancing Patient-Centered Care in Young People Living with Chronic Pain	\$168,937
Yamamoto, Jennifer (Internal Medicine)	Canadian Diabetes Association	Predicting Dysglycemia in Individuals with Gestational Diabetes Immediately Postpartum using Flash Glucose Monitoring (PREDISPOSE)	\$100,000
Yuan, Qiuyan (Civil Engineering)	Mitacs Inc.	Improving biofilm treatment technologies to provide post-lagoon ammonia removal in cold and changing climate	\$60,000

REPORT OF THE VICE-PRESIDENT (INDIGENOUS)

Initiatives

- Indigenous Identity Engagement Working Group
 - March 4, April 8th, 2022 Working Group meetings. The Terms of Reference were finalized and community engagement sessions will be completed by early June.
- AVPI workshops: Path to Reconciliation workshop with VPA directors and advised them on development of reconciliation action plans; Lunch and learn presentation for Canadian Association of Schools of Nursing regarding best practices in research with Indigenous communities.
- Indigenous Initiatives Funds:
 - 29 proposals were received
 - 13 awards granted for a total of \$430,491.20

Events

- Manitoba Collaborative Indigenous Education Blueprint partnered with the Manitoba Industry-Academia Partnership to host an Indigenous Student Roundtable on March 17.
- Dr. Amy Farrell presented “Understanding the World Beyond a Worldview” as part of the Indigenous Scholars Speaker Series on March 17.
- Vital Statistics Records from Service Ontario: March 21, 2022, NCTR held a ceremony for the Transfer of Vital Statistics Records from Service Ontario. The ceremony was guided by the Ontario Chiefs and the Elders from the NCTR.
- Spring Ceremony at the NCTR: March 24, 2022, the NCTR staff was guided by our Elders in our Spring Ceremony to celebrate the Spring Equinox.
- On April 28 we are partnering with the Moosehide Campaign to host an event to stand up against violence towards women and children. The Moosehide Campaign is organizing to give Justice Murray Sinclair their 3 millionth pin.
- Graduation Powwow – May 7, 2022.
- The Indigenous Awards of Excellence will be held on June 20, honouring the 10 winners from 2022, as well as the 10 winners from 2021.

Awards

- Indigenous Student Awards Committee distributed \$40,450 to 29 students in three awards: Chloe Patricia Jean Bushie Memorial Scholarship, UMSU Award for Indigenous Community Leaders and Marjorie Blankstein Indigenous Leadership Scholarship.

National Centre for Truth and Reconciliation Government of Canada

- Budget 2022 proposes to provide \$209.8 million over five years, starting in 2022-23, to Crown-Indigenous Relations and Northern Affairs Canada to increase the support provided to communities to document, locate, and memorialize burial sites at former residential schools; to support the operations of and a new building for the National Centre for Truth and Reconciliation; and to ensure the complete disclosure of federal documents related to residential schools.

Call for Survivors Circle Nominations

- A call for Survivors was issued on March 17, 2022 - April 8, 2022. Membership within the Survivors Circle is open to all Survivors and Intergenerational Survivors.
- The NCTR Survivors Circle currently has five active members. The Survivors Circle will ensure that the experience and oversight of residential school Survivors will remain central to every aspect of the NCTR. Newly selected members will be appointed by the Governing Circle for a two-year term.

Digital Witness Blanket

- The Canadian Museum for Human Rights (CMHR) is seeking more guidance from the NCTR Survivors Circle on the stories that will be featured on their Digital Witness Blanket project.
- The CMHR has selected 10 stories based on the strength and availability of supporting testimony, to cover a wide geography and to address some key aspects of the residential school system.
- The stories were written in a spirit of "two-eyed seeing." They bring Survivor storytelling together with historical perspectives and analysis. The content was shaped by the testimony and uses scholarly and historical generalizations ideally only in support of the Survivor stories, to connect and uplift them.

Community Dialogue on Missing Children and Unmarked Burials

- The NCTR, in partnership with AMP, has taken the lead in developing, planning, and delivering a virtual learning event on Missing Children and Unmarked Burials. This event will go live on March 30, 2022, and end on March 31, 2022.
- The objective of the project is to:
 - Provide interactive dialogues with Indigenous communities that will increase knowledge and understanding on searching and identifying Missing Children and Unmarked Burials so families and communities may learn of what became of the children who perished or went missing while attending residential schools.
 - Contribute to informed public dialogue on residential schools and the losses of children in attendance.
 - Contribute to inter-community supports and learning, as well as the development of resource and information tools for communities.

- The event will feature remarks from the Truth and Reconciliation Commissioners Chief Wilton Littlechild, The Honourable Murray Sinclair, and Dr. Marie Wilson.

Na-mi-quai-ni-mak

- Na-mi-quai-ni-mak (I remember them) Community Support Fund supports community-based healing and remembrance projects that have demonstrated inclusion of residential school Survivors as central to the planning and execution. The 2021-2022 fiscal year the Regional Advisory Circle and the NCTR supported 52 applicants in their efforts towards Survivor-led community gatherings and commemorations.

Education Unit

- 28 events, presentations, workshops including attendance at 1 conference and engaged with over 700 people. University of Manitoba (Faculty of Engineering, St. John's college alumni), University of Regina, Great Plains College, U of Winnipeg (education), Ka Ni Kanichihk, NPAAMB Indigenous Youth Employment & Training, All Nations CFS, D'Arcy McGee High School, Coquitlam Teachers, Pembina Trails SD, Town of Calmar Alberta, Festival du Voyageur, Red Rock Indian Band, and GETCA Alberta Conference.
- We held a family friendly Decolonizing Lens event on March 27th. This was a hybrid event with both in-person and virtual component. We had 107 people attend, 57 virtually and about 50 in-person. We had attendees tuning in from Nova Scotia; PEI; New Brunswick; Quebec; Ontario; Manitoba; Saskatchewan; Alberta; BC; Iowa; New Hampshire; New Mexico; and North Carolina. Additionally, we had a short talk with the director Lucy Tulugarjuk.
- Kaila Johnston and Jocelyn Thorpe wrote an article about film for The Conversation. It was picked up by various media such as the UofM news publication and YahooNews.
<https://news.umanitoba.ca/the-conversation-more-than-entertainment-indigenous-women-are-teaching-through-filmmaking/>
- Imagine a Canada virtual leadership event on April 2-3 included speakers: Elder Carl Stone, Michele Young-Crook, Shirley Delorme-Russel, Andrea Gallagher – Courteau, Lila Bruyere, Adam Nipon, Alyssa Luttenberger and Jessica Alegria from the Canadian Roots Exchange, and Carter Chiasson.

Research Unit

- PEG Residential Schools Joint Initiative (PEG RSJI) is a partnership agreement between the NCTR and Social Sciences and Humanities Research Council (SSHRC) that support Indigenous communities in their decision-making processes, research and actions regarding residential school sites in Canada. SSHRC is investing up to \$1 million in the June 2022 PEG competition to support residential school-related projects. Grants are valued at a maximum amount of \$50,000 per project for a duration of one year.

- Small Research Grants Fund: seven successful applicants will receive \$7,000 each for their research projects: University College of the North, Vancouver Island University, Queen's University, Thompson Rivers University, University of Lethbridge, University of Calgary, and Carleton University. These projects align with the NCTR's identified focus areas for research and aim to contribute to the work begun by the TRC.
- Shelby Thomas is welcomed as the new Research Manager, NCTR. Shelby successfully pursued a B.A. with a major in Psychology at the Université de Saint-Boniface and a Juris Doctor at the Université de Moncton. Shelby also has extensive experience working as a researcher for various organizations: Manitoba Police Commission, Law Enforcement Review Agency, Independent Investigation Unit, Public Interest Law Centre, Manitoba Centre for Health Policy and Manitoba Keewatinowi Okimakanak Inc's Missing and Murdered Indigenous Women and Girls Liaison Unit. Shelby is forever grateful for her opportunity to contribute to the work of the National Inquiry into Missing and Murdered Indigenous Women and Girls as an associate commission counsel, and most recently as Commission Counsel for the Mass Casualty Commission.

Archives

- UNESCO International Memory of the World Application: The UNESCO selection committee has selected the NCTR Archives for the next and final round of adjudication. The NCTR is now asked for any supplemental documentation that will assist the application with a final decision expected in June.
- MOA signed with Oblates for acquiring Oblate OMI records concerning the history and legacy of residential schools.
- Solutions Architect hired to plan further development of the NCTR Digital repository.
- Formally acquired Vital Statistics from Service Ontario in a ceremony guided by Ontario Chiefs and the Spiritual Guides of the NCTR.
- Completed presentation for NCTR Dialogues: Research and Information Sharing international workshop.
- Set up documentation for Unmarked Burials Repository: "Our Relations".
- Completed Provincial Archives of Alberta MOA for acquiring records.
- Finished final draft of Penelakut Tribe MOA for unmarked burial research.

Missing Children (Phase 2)

- We are on track to start the manual review of the relevant records on Apr 11, 2022. In this phase we will be conducting in-depth review of the relevant records to look for evidence of missing children.

REPORT OF THE VICE-PRESIDENT (ADMINISTRATION)

- In support of the University's commitment to eliminating all forms of racism, a framework to guide the process of developing an anti-racism strategy for the University has been developed. As a first step, the framework proposes the creation of an Anti-Racism Task Force, which is envisioned as a bridge between the raw expression of lived experience gathered through community engagement, and the development of a comprehensive Anti-Racism Strategy, led by Indigenous, Black and racialized students, staff and faculty. The Anti-Racism Task Force will make recommendations to inform the Anti-Racism Strategy, and will identify immediate priorities to address racism at the University, as experienced by faculty, staff and students. Co-chaired by Naomi Andrew, Vice-President (Administration), and Dr. Catherine Cook, Vice-President (Indigenous), the Task Force held its first meeting on February 11, 2022.

Associate Vice-President (Administration)

- The fifth annual UM Sustainability Day event took place on March 10, 2022. The full day virtual program, which was open to UM students, staff, faculty and external partners, aimed to inspire participants to Take Action for the UN Sustainable Development Goals (SDGs). The event was hosted by the Office of Sustainability, and is held annually to celebrate innovative ideas, research and actions to create a more sustainable future. In total, 213 participants registered to hear ten different presentations from UM researchers, students and staff. To conclude the event, the 2022 UM Sustainability Awards were distributed in six different categories: Undergraduate, Graduate, Student Group, Staff, Faculty, and Collaborative Sustainability Awards.

Human Resources

- The University of Manitoba has been selected as one of Canada's Best Diversity Employers for 2022. This year's winners were announced on March 8, 2022 in a special magazine published in The Globe and Mail.
- The University of Manitoba was also selected as one of Manitoba's Top Employers for 2022. This year's winners were announced on March 15, 2022 in an official announcement magazine co-published with the Winnipeg Free Press.
- Learning and Organizational Development has developed a new workshop, "Ethics: Organizational Stewardship" with the assistance of subject matter experts from Financial Services, Audit Services, IST Information Security and Compliance, and Risk Management. This workshop explores judgement in decision-making, and steps that can help to avoid errors and support ethical behaviour. This four-hour workshop is offered, in part, to support employees holding a professional designation that requires ethics training as part of the designation renewal process, and to encourage capacity building for all employees who may make financial or other decisions.
- Human Resources is partnering with Information Services and Technology, Marketing Communications Office, the Centre for the Advancement of Teaching and Learning, and others on campus to offer THRIVE, a learning and wellness event for UM employees, for a second year. The event will take place in mid-May. The conference-style event will focus on helping employees thrive individually, professionally and organizationally, as we continue to navigate our return to on-campus

work. Learning and wellness sessions will share resources, tools and supports for how to work effectively, to stay healthy, and to flourish as a community.

Information Services and Technology (IST)

- The University is currently undergoing a project to introduce multi-factor authentication (MFA) when accessing various campus services, with a current focus of applying MFA to Microsoft 365 Services (email, Teams, SharePoint, OneDrive), Zoom video conferencing, and connections to our Virtual Private Network (VPN). As the VPN allows staff and students from off campus to access select web services, file shares and other systems that are not publicly accessible through the internet, this is an important service to protect with MFA as it adds an extra layer of security to protect our university accounts from unauthorized access and phishing attacks. A final awareness campaign to encourage voluntary enrollment in MFA began in April, which primarily focused on students, with a shift in emphasis to all non-students in May. Prioritized service desk support is available, and a series of lunch and learn sessions on how to enroll in Duo are being offered. MFA will be mandatory for all faculty, staff, and researchers effective June 1, 2022.

REPORT OF THE VICE-PRESIDENT (EXTERNAL)

Fundraising Highlights

- For fiscal year ending March 31, 2022, total funds raised were \$63.38 M exceeding the \$41.82 M target. Funds were raised via 7,285 donors who included students, staff and faculty, alumni, gifts through estate, corporations and foundations.
- A successful Faculties, Staff and Retirees annual giving campaign during March 2022 doubled the current number of payroll donors and yielded contributions of \$43,957 for the Emergency Student Bursary Fund, and \$14,804 for the Student Food Bank.
- The University of Manitoba has pledged up to \$1 M to provide robust financial support to students impacted by extraordinary life events including the war in Ukraine. UM can prioritize funds toward this immediate need in part due to generous donations from alumni, staff, faculty and friends of the University. During 2021/2022 their donations to the Student Food Bank and the Emergency Student Bursary Fund totaled \$168,147.

Activities/Events:

- The Alumni Association's annual entrance and community involvement scholarship is accepting applications until August 1. UM is engaging with Manitoba high school guidance counsellors to encourage students to apply for the award.
- Distinguished Alumni Award nominations closed in March and the Selection Panel will meet this month to select one recipient in each of the five categories of Outstanding Young Alumni, Community Services, Academic Innovation, Professional Achievement and Lifetime Achievement. The event is scheduled to take place on September 22, 2022 in conjunction with Homecoming 2022.

- The creation of departmental and unit UM Intranet sites will continue up to the June 2022 project completion date.
- The Alumni Association will host its Annual General Meeting in June 2022 using a hybrid in-person/virtual delivery model.

Other Significant Activities:

- External Relations has introduced the work of the National Centre for Truth and Reconciliation to The All One Fund who have made a first gift of \$50,000 and confirmed their intention to provide increased and sustained funding to NCTR in the future. The All One Fund was established by philanthropic funders Jessica and Scott Lake who have made gifts up to \$1 million to diverse social and public health causes.
- The COVID-19 Recovery Updates story remains one of the most read articles on UM Today each week highlighting information in areas such as masking, mandatory vaccination and return to campus.
- From February 24, 2022, through March 24, 2022, External Relations engaged with reporters in 58 interactions to help them develop stories involving UM. During this time there were 5,031 news stories in media mentioning UM, up from 3,143 for the same period in 2021.

Report of the Senate Executive Committee

Preamble

The Executive Committee of Senate held its regular monthly meeting on the above date.

Observations

1. Speaker for the Executive Committee of Senate

Professor Donna Martin will be the Speaker for the Executive Committee for the May 2022 meeting of Senate.

2. Appointment of Chair and Vice-Chair, Senate Committee on Appeals

Professor Charlotte Enns's term as Chair of the Senate Committee on Appeals will conclude on May 31, 2022. Senate Executive has appointed Professor Derek Oliver to the position, for a term ending May 31, 2025.

Professor Derek Oliver's and Professor Peter Blunden's terms as Vice-Chairs of the Senate Committee on Appeals will conclude on May 31, 2022. Senate Executive has re-appointed Professor Blunden as a Vice-Chair, for a term ending May 31, 2025. One vacancy remains for a Vice-Chair, which the Executive Committee will consider at its next meeting.

3. Vacancies on the Senate Committee on Nominations

The report of the University Secretary on the Senate Committee on Nominations (SCN) is attached (Appendix A). Members of the SCN are nominated by the Senate Executive Committee and elected by Senate. Senate Executive has made a recommendation on nominations for two of the three vacancies for academic staff (see below).

There is one remaining vacancy for an academic staff member to represent Health Sciences for a three-year term. The vacancy must be filled by a Senator. A nomination will be brought forward to an upcoming meeting of Senate. Interested Senators from the Rady Faculty of Health Sciences are encouraged to reach out to the University Secretary.

Two vacancies for student members (one-year terms) also remain.

4. Comments of the Executive Committee of Senate

Other comments of the Executive Committee accompany the reports on which they are made.

Recommendation

The Senate Executive Committee recommends:

THAT the nomination of Professor Philip Ferguson (new appointment), representing Architecture and Engineering, and Ms. Lori Giles-Smith (re-appointment), representing Libraries and Student Affairs, to the Senate Committee on Nominations, be approved by Senate for three-year terms ending May 31, 2025.

Respectfully submitted,

Dr. Michael Benarroch, Chair
Senate Executive Committee

[Terms of Reference](#)

Vacancies on the Senate Committee on Nominations

At the July 1977 meeting of Senate, Senate approved, without debate, area representations for the Senate Committee on Nominations. The representation was amended in July 1991 to include the Libraries, in June 2005 to include the Clayton H. Riddell Faculty of Environment, Earth and Resources, and in October 2014 to take into account the Rady Faculty of Health Sciences.

Members of the Senate Committee on Nominations are nominated by the Senate Executive Committee, and elected by Senate.

The current membership is as follows:

Agricultural and Food Sciences & Environment, Earth and Resources	Jitendra Paliwal*	2024
Architecture & Engineering	Witold Kinsner*	2022
Arts	Pam Perkins	2023
Education, Kinesiology and Recreation Management & Extended Education	Steven Passmore*	2024
Health Sciences (2)	Marie Edwards	2022
	Reg Urbanowski*	2023
Libraries & Student Affairs	Lori Giles-Smith	2022
Management, Law & Social Work	Robert Biscontri*	2023
Music & School of Art	Colette Simonot-Maiello*	2024
Science	Jennifer van Wijngaarden	2024
Students (2)	Kimberly Nicolasora	2022
	Stefan Urbano	2022

* denotes member of Senate presently or at time of appointment

The terms for Marie Edwards, Witold Kinsner, and Lori Giles Smith will end on May 31, 2022. Consequently, replacements are required for the following areas for the term of June 1, 2022 to May 31, 2025:

- Health Sciences
- Architecture and Engineering
- Libraries & Student Affairs

The composition of the Senate Committee on Nominations calls for ten members of the academic staff, the majority of whom are to be members of Senate. Since five of the remaining academic members currently on the Committee are Senators, or were Senators at the time of appointment, at least one of the replacements must be a member of Senate at the time of election to the Senate Committee on Nominations.

The terms of Kimberly Nicolasora and Stefan Urbano as student members will end on May 31, 2022. Consequently, two student replacements are required for the term of June 1, 2021 to May 31, 2022.

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Faculty of Graduate Studies.

Observations

1. The **Faculty of Graduate Studies** proposes the 2022/23 FGS Academic Guide. The summary of substantive changes is as follows:

Section 1: Application, Admission and Registration Policies:

- 1.1.7 Proficiency in English: CanTEST has been removed as it will be obsolete this year
- 1.1.1 Eligibility of UM Staff Members: added that a staff member at the rank of Instructor 1 and above may not seek admission in the unit in which they are appointed.
- 1.2.2 Initial Program Registration: all students, whether domestic or international, may now defer their admission for one year following initial acceptance
- 1.2.7 Canadian University Graduate Transfer Agreement (CUGTA) added to Guide
- 1.2.2 Incomplete Courses: language updated and replicated from the Registrar's Office's website
- 1.4.3 Occasional Students: added: occasional students must apply via the regular FGS admission process; occasional students must upload proof of instructor permission to take the respective course(s) as occasional
- 1.4.5 Visiting Students: the majority (rather than 60%) of coursework per academic year must be taken at the graduate level while registered as a VS
- Throughout document: applying on a Letter of Permission will now be done through Slate
- 1.5 Student Accessibility: SA policy now referred to within 2.2 Bona Fide Academic Requirements

Section 2: Academic Performance - General

- 2.1 General Note: "Good Standing" has been defined
- 2.3 Academic Performance: Performance that remains "Satisfactory" throughout the year does not need to be reported to the Faculty of Graduate Studies more than annually but should remain on file in the department/unit.
- 2.4 Performance in Coursework: Clarification that a student must remediate a low degree GPA through the registration and completion of additional course(s)

New Section: Section 4 General Regulations: Micro-Diploma (reflects the Senate-approved [Certificate & Diploma Framework](#))

- Admission, performance in coursework, and re-registration requirements remain the same as the Master's
- 4.4 Time in program: limited to one year (3 consecutive terms)

New Section: Section 5 General Regulations: Diploma (reflects the Senate-approved [Certificate & Diploma Framework](#))

- Admission, performance in coursework, re-registration and time in program requirements remain the same as the Master's
- 5.4 Time in program: limited to one year (3 consecutive terms)

Section 6: General Regulations: Master's

- (Formerly 4.3.3) Accredited Professional Route: section removed as it not a true program route. Section did not contain any specific regulations; specifics of programs that are also accredited will appear in unit supplementary regulations
- 6.3.4 Advance Credit: a course may not be used for credit toward more than one *degree* (inferring that a course may be used for credit toward a micro-diploma or diploma)
- 6.4.1 Student's Advisor: text from Ph.D. section (describing role of advisor) now included in Master's section
- 6.5.1 Conflict of Interest: when a conflict of interest is declared to FGS, it must also be accompanied by a description of proposed mitigation of the conflict of interest
- 6.4.3 Student Advisor/Co-Advisor:
 - added that a student who also holds the rank of Instructor 1 and above may not have an advisor or co-advisor with an appointment in the same department/unit
 - a *new* ASG is to be completed if there is a change in advisor/co-advisor or when a co-advisor is added midway through a student's program
- 6.5.2 Thesis/Practicum Route:
 - When a knowledge expert intends to serve on a committee, the unit must provide a justification of their role to FGS
 - Clarification that an advisory committee may include a knowledge expert (e.g. professionals, artists, Knowledge Keepers or Elders) or invited member, but not both.
- 6.6.2 Lapse or Expiration of Credit of Courses: added that if a course's current is approved by FGS, it is valid for one year. After one year, an updated course currency form is required.
- 6.7.1.1 Thesis vs. Practicum: added that a thesis or practicum may be written in French, and that unit supplementary regulations may permit the thesis/practicum to be written in a language other than English or French
- 6.7.1.3 Oral Examination:
 - added that in exceptional circumstances, and with prior approval of the Dean of FGS, one member of the examining committee may be absent from the oral examination. It is expected that all members be present in real time (i.e. virtually is permitted)
 - Note: virtual participation in all Master's and Ph.D. defences and oral exams will be permitted in perpetuity
 - The oral examination may be held in French. Unit supplementary regulations may also permit the oral exam to be held in a language other than English or French
- 6.7.1.4 Failure:
 - a student may elect to defend their thesis a second time, even if their home department/unit does not support the second attempt
 - it is imperative that a detailed report from the Chair of the examination be submitted to FGS after the first attempt; the student will not be permitted to proceed to the second attempt without this detailed report
- 6.11 Final Requirements and Deadlines for Graduation: section has been restated for clarity. The Copyright License Declaration is built in to MSpace and no longer a separate document to be uploaded

Section 7: Doctor of Philosophy General Regulations

- Admission sections: consistently re-stated throughout document that minimum admission requires a “cumulative GPA of 3.0 (or equivalent) in the last two (2) years of full-time study (60 credit hours)”
- 7.2.1 Student’s Advisor: advisors *must* be familiar with the general policies and regulations of the Faculty of Graduate Studies and their own unit supplementary regulations
- 7.2.3 Student’s Advisor/Co-advisor:
 - added Instructor 1 (**same as in Master’s section**)
 - a *new* ASG is to be completed if there is a change in advisor/co-advisor or when a co-advisor is added midway through a student’s program (**same as in Master’s section**)
- 7.2.4 Advisory Committee: knowledge expert OR invited member, not both (**same as in Master’s section**)
- 7.2.5 Conflict of Interest: proposed mitigation explanation required (**same as in Master’s section**)
- 7.4.2 Advance Credit: at the Ph.D. level, a course may not be used for credit toward more than one degree, diploma, micro-diploma or certificate
- 7.4.3 Transfer Credit: cannot be used for credit towards another degree, diploma, micro-diploma or certificate; (i.e., there is no “double-dipping” at the Ph.D. level)
- 7.4.4 Lapse or Expiration of Credit of Courses: (**same as in Master’s section**)
- 7.6 Academic Performance: Performance that remains “Satisfactory” throughout the year does not need to be reported to the Faculty of Graduate Studies more than annually, but should remain on file in the department/unit (**same as in Master’s section**)
- 7.10 Thesis: may be written in French, etc. (**same as in Master’s section**)
- 7.11.2 Formation of the Examining Committee – External Examiner:
 - recommendations of external examiners must be made online via a process to be determined by FGS (this process is in progress of being built) as JUMP will become obsolete
 - It is important that units obtain the required information on each external examiner *before* submitting the recommendations to FGS
- 7.11.6 Process - Examination of the Written Thesis:
 - a student may elect to defend their thesis a second time, even if their home department/unit does not support the second attempt (**same as in Master’s section**)
 - it is imperative that a detailed report from the Chair of the examination be submitted to FGS after the first attempt; the student will not be permitted to proceed to the second attempt without this detailed report (**same as in Master’s section**)
 - clarification of who the reports of the thesis are sent to
- 7.12 Oral Examination: reference to FGS website added for up-to-date and detailed guidelines of PhD defence
- 7.12.1 Scheduling:
 - clarification of responsibilities of scheduling the oral exam;
 - listed criteria for Chairs of oral defences added and an explicit request for units to help FGS identify prospective Chairs (as this is a very time-consuming task for FGS)
 - more detail of the procedures of the decision of the examining committee after the defense added to the Guide
- 7.12.5 Decision of the Committee:
 - a student may elect to defend their thesis a second time, even if their home department/unit does not support the second attempt (**same as in Master’s section**)
 - it is imperative that a detailed report from the Chair of the examination be submitted to FGS after the first attempt; the student will not be permitted to proceed to the second attempt without this detailed report (**same as in Master’s section**)

Section 11: Appeals

- 11.5.4 Academic Appeal Deadlines: Appeals to the Dean of FGS are termed a first-level appeal; appeals to the FGS appeals committee are termed a second-level appeal

- 11.5.5.1 Submission of Appeal Package: language updated to reflect same language on appeal form
- 11.5.5.3 Hearing Procedures: an appellant's lawyer may only attend as a silent observer. Should the appellant's lawyer be present, so shall be a representative from the University of Manitoba's Legal Counsel. FGS requires at least 20 working days' notice prior to the scheduled hearing if an appellant's lawyer will be present.
- 11.8 Term Work Appeals & 11.9 Final Grade Appeals: If the student has exhausted the term work/final grade appeals process through the Registrar's Office, the student may appeal to the Faculty of Graduate Studies via the academic appeals process. The Faculty of Graduate Studies will only consider the appeals based on procedural error.

Appendix 1: Thesis/Practicum Types

- A1.1.8 List of Copyrighted Material: updated to reflect current practices
- A1.2.3 Format: specifics of formatting of thesis/practicum have been removed; entire thesis/practicum needs to be consistent
- A1.2.4 Margins: specifics of margins of thesis/practicum have been removed; entire thesis/practicum needs to be consistent
- A1.2.5 Page Numbers: specifics of pagination of thesis/practicum including illustrative pages and appendices have been removed; entire thesis/practicum needs to be numbered consecutively
- A1.5.2 Use of Copyrighted Material: updated to reflect current practices
- A2.0 Manuscript/Grouped Manuscript Style: requirement of connecting sections between papers no longer necessary; however, the introductory chapter must explain the connection between the chapters (papers)

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Faculty of Graduate Studies

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

PREFACE

The Faculty of Graduate Studies is a pan-University faculty responsible for overseeing the administration of all graduate programs at The University of Manitoba.

The Faculty of Graduate Studies Academic Guide contains all the rules and policies pertaining to the Faculty of Graduate Studies. These regulations apply to all graduate students in all programs in all academic units. Adherence to these rules is of utmost importance for the effective functioning/operation of programs and for guiding and monitoring the progress of students. The integrity of the process is at stake. The major goal of this guide is to prevent potential problems that may affect the completion of a student's program. It is the responsibility of students and the department/unit offering a graduate program to read and follow the policies contained herein.

All regulations as laid out in the Faculty of Graduate Studies Academic Guide are subject to revision by the appropriate bodies of the Faculty of Graduate Studies. This compendium is presented as the most recent set of regulations as a guideline for students and staff. Individual departments/units may have additional regulations that supplement these general regulations. All such sSupplementary procedures and regulations must be approved as specified by the By-Laws of the Faculty of Graduate Studies, be published and available to students, and be kept on record by file in the Faculty of Graduate Studies Office.

For those programs that are administered through a Faculty (as opposed to a Department) the term "Department" should be substituted by "Unit" within this document (i.e., Department Head becomes Unit Head.)

PREFACE

~~The Faculty of Graduate Studies is a pan-University faculty charged with the oversight of responsible for overseeing the administration of all graduate programs at the University. Therefore these regulations apply to all graduate students in all programs in all academic units. Individual units may require specific requirements above and beyond those in the following document, and students should consult unit supplementary regulations for these specific regulations. All unit supplementary regulations require approval of the Faculty of Graduate Studies.~~

Definitions

The "Dean, Faculty of Graduate Studies" shall be taken to mean the Dean, Faculty of Graduate Studies or designate.

"Unit" shall be taken to mean the academic unit where the graduate student is pursuing his/her/their studies. Generally, this is the department. For Faculty-based programs, the Dean or Director is the *de facto* Head of the unit. The term "unit" shall also include School(s) or College(s) of Faculties within the University. The Dean of the Faculty of Graduate Studies is the *de facto* Head of interdisciplinary programs administered by the Faculty of Graduate Studies. The Head of any unit may designate any of his/her/their responsibilities in this policy to another member of the unit, such as the (e.g., Graduate Chair).

SECTION 1: Application, Admission, and Registration Policies

1.1 Application and Admission Procedures

The application (and all required documentation) is to be submitted directly to the Faculty of Graduate Studies via the online application system. **Applicants should contact the department/unit to which they are applying for the procedures and requirements which are specific to the program of application.** Contact information for each department/unit can be found on the Graduate programs of study website.

1.1.1 Process:

1.1.1 (a) A completed official application for admission form must be submitted, together with the application fee and supporting documentation, to the Faculty of Graduate Studies, via the online application system. Applicants are **required** to submit the application and documentation to the Faculty of Graduate Studies in time to meet the application deadline in place for a particular department/unit. Deadlines vary depending on the program to which the applicant is applying and whether the applicant is domestic or international. Deadlines can be found by clicking the appropriate application program page on the Graduate programs of study website.

Note: International students must pay special attention to transcript requirements ~~the appropriate requirements with respect to transcripts~~ (see application form for details).

1.1.1 (b) Applications are subsequently reviewed by the unit offering the program which will decide whether the applicant meets the unit's criteria including, but not limited to, availability of advisors, space, and facilities.

1.1.1 (c) Notification of recommended/rejected applications is sent by the Head of the unit to the Faculty of Graduate Studies. Applications recommended for admission are checked to determine if they meet the Faculty of Graduate Studies' eligibility requirements. The Faculty of Graduate Studies then notifies applicants of their acceptance or rejection.

1.1.2 Deadlines for Recommended Applications (from Departments/Units to the Faculty of Graduate Studies)

The following are the deadlines for receipt by the Faculty of Graduate Studies of recommendations from departments/units.

Term	Start Date	Canadian/US	International
Fall	September	July 1	April 1
Winter	January	November 1	August 1
Summer	May	March 1	December 1

IMPORTANT: These are not unit-specific application deadlines. Prospective applicants must consult the appropriate application program page on the Graduate programs of study website. Applicants are **required** to submit the application and documentation to the Faculty of Graduate Studies in time to meet the application deadline in place for a particular department/unit. Deadlines vary depending on the program to which the applicant is applying and whether the applicant is domestic or international. Deadlines can be found by clicking the appropriate application program page on the Graduate programs of study website.

1.1.3 Application Fee

A \$100.00 (CDN) non-refundable fee must accompany an application for admission. The Physician Assistant Studies and Orthodontics programs charge an additional fee of \$25 and \$50, respectively.

1.1.4 Transcripts

Unofficial copies of transcripts and final degree certificates are acceptable for initial assessment and provisional admission purposes. Upon admission to the Faculty of Graduate Studies, applicants must arrange for official transcripts from all post-secondary institutions attended to be sent to the Faculty of Graduate Studies, within one (1) month of the date on the admission letter. Applicants will be placed on hold, which prevents registration until all admission requirements have been submitted. **All transcripts must arrive in sealed, university-stamped envelopes sent directly from the issuing institution(s) and be accompanied by official and literal English translations** (Please refer to Transcripts:

International below). For international degrees or where the transcripts ~~does not~~ or will not clearly state that a degree has been conferred, a copy of the official degree certificate is also required.

1.1.5 Transcripts: International

Where academic records from a country other than Canada are produced in a language other than English, the applicant must arrange for the submission of official literal English translations of all records. To be official, original language documents and English translations must arrive together in envelopes which have been sealed and endorsed by the issuing institution. For international degrees, a copy of the official degree certificate is also required.

1.1.6 Transcripts: University of Manitoba

University of Manitoba students are not required to submit University of Manitoba transcripts.

1.1.7 Proficiency in English

The Faculty of Graduate Studies requires a passing, acceptable English Language Test score in order to offer admission. A successfully completed English Language Proficiency Test from the approved list is required of all applicants unless they have received a secondary school diploma and/or university degree from Canada or one of the countries listed on the [English Language Proficiency Test Exemption List](#) ~~(see 1.1.8). The Faculty of Graduate Studies requires a passing, acceptable English Language Test score in order to offer admission.~~ **Please note:** In all cases, test scores older than two (2) years (from the time of completing the test) are invalid.

Thresholds required for successful completion are indicated in parentheses.

- Test of English as a Foreign Language (TOEFL) Internet based -iBT® (86; minimum score of 20 in each of reading, writing, listening and speaking categories). The “best score” will not be considered for admission. Only individual test scores will be used to meet the minimum requirements.
- ~~• Canadian Test of English for Scholars and Teachers (CanTEST®) (band 4.5 in listening and reading and band 4.0 in writing and oral interview)~~
- International English Language Testing System (IELTS™) (6.5 in the Academic Module)
- Academic English Program for University and College Entrance (AEPUCE) (65%)
- PTE Academic (61% overall)

Note:

~~In addition, foreign language students may be asked by the department/unit to complete the CanTEST prior to or following registration in the Faculty of Graduate Studies and, if need be, the department/unit may recommend remedial measures in language skills based on the results of the CanTEST.~~ Some units may require a specific test or test scores greater than those indicated above. Students should check department/unit supplementary regulations for details.

1.1.8 English Language Proficiency Test Exemption List

Applicants holding secondary school diplomas and/or recognized university degrees from countries on the Faculty of Graduate Studies English Language exemption list are not required to submit an English Language Proficiency score. For more information please see our [website](#).

1.1.98 Letters of Recommendation

Letters of Recommendation are to be completed via the online application. Recommendation letters submitted via post or email are not accepted. Applicants are required to add their ‘Recommendation Provider(s)’ contact information so that each recommender is sent an automated email notification.

Generally, two (2) Letters of Recommendation must be submitted to the Faculty of Graduate Studies. For ~~the~~ number of required recommendation letters for an application for admission is stated on the program's webpage which is available at this link~~necessary, applicants should review their specific Graduate programs of study website.~~

1.1.940 Admission Tests

Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the dDepartment/uUnit's supplementary regulations. ~~of the particular department/unit, and if~~ required, the scores must be submitted at the time of application.

1.1.104 Entrance Requirements

The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) (or equivalent) in the last two (2) previous years of full-time university study (60 credit hours).

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.

1.1.121 Eligibility of University of Manitoba Staff Members

A staff member at The University of Manitoba at the rank of Assistant Professor ~~or~~ and above or Instructor 1 and above, is not eligible to apply for admission to a graduate program in the department/unit in which the appointment is held.

1.2 Registration Procedures

1.2.1 Undergraduate Student Registration in Graduate Level Courses

~~Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of GRAD 7500, unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate. See General Regulations – Pre-Master's for additional information.~~

Undergraduate students may be permitted to register in 7000-level courses or above on recommendation of the department/unit offering the graduate course, subject to the conditions listed below.

- Undergraduate students must obtain permission from the Department/Unity Head and course instructor before registering for a graduate course.
- Only undergraduate students completing an undergraduate degree at the University of Manitoba are eligible to enroll in a graduate course (i.e., undergraduate students from other institutions and those completing courses without registration in a degree program are ineligible for registration in graduate courses).
- Undergraduate students are not eligible for enrollment in admission to any graduate course that is cross-listed with an undergraduate course, or that is scheduled to be taught at the same time and location as an undergraduate class.
- Undergraduate students will only be eligible to receive graduate-level credit for a course designated as 7000-level or above if at least 75% of the students registered in the course are graduate students.
- Undergraduate students who complete a graduate course are not guaranteed admission to a graduate program.

1.2.2 Initial Program Registration

On admission to a graduate program at the University of Manitoba, [students may submit a formal request application may be made](#) to the Faculty of Graduate Studies to apply any previously completed graduate courses toward [their graduate meeting](#) program requirements, subject to the restrictions listed below.

- No more than 50% of the coursework required in a graduate program may be imported [from credit hours completed during an undergraduate program](#).
- Only courses in which a C+ grade or higher, or the minimum grade required by the program to which the course would be applied, are eligible to be considered towards meeting the requirements of any graduate program.
- Any graduate course completed by an undergraduate student may subsequently be applied to a graduate program only if it has not been used toward completion of any other degree program.
- Any graduate course completed by an undergraduate student for which a passing grade has been obtained (i.e., C+ or higher) may not be repeated should the student later gain admission to a graduate program.
- Courses completed more than seven (7) years prior to the date of awarding a degree may not normally be used for credit towards the degree (please refer to [Lapse or Expiration of Credit of Courses](#)).

All graduate students must initially register in the term indicated in their letter of acceptance as specified in the Academic Schedule of the Graduate Calendar. Any student not registering by the registration deadline for the term specified in their letter of offer will be required to re-apply for admission; [admission is not guaranteed if a student re-applies to the Faculty of Graduate Studies](#). In exceptional circumstances and with prior approval from the department/unit, ~~a students~~ may defer registration for up to one (1) [term-year](#) following acceptance into the Faculty of Graduate Studies. ~~In the case of international students, admission may be deferred, with prior approval from the department/unit, for up to one (1) year following acceptance.~~

All programs must be approved by the Head of the major department/unit or designate. Approval to take courses from departments/units outside the major department/unit must be obtained from the outside department/unit.

The approval or denial of admission and registration to two (2) concurrent programs rests with the Dean of the Faculty of Graduate Studies in consultation with the department/unit concerned. The request for approval or denial must be submitted to the Faculty of Graduate Studies prior to the student's admission/registration on the "[Concurrent Curriculum Permission](#)" form.

Where a student does register in two (2) programs, it is important to note that dual registration may affect funding, and that completing a graduate program as a part-time student will affect eligibility for The University of Manitoba Graduate Fellowship (UMGF) and may limit other funding possibilities.

1.2.32 Re-Registration

All students must re-register in all Fall, Winter and Summer terms of their program until a degree is obtained. **Failure to re-register will result in the student being discontinued from their graduate program.** A student who has been discontinued and would like to be considered for continuation in a program must apply for re-admission [via the standard online admission process](#). [Re-admission, for which approval](#) is not guaranteed. ~~The re-registration requirement does not apply to occasional students, visiting students, Pre-Master's students or students on an Exceptional or Parental Leave of Absence (please refer to "Leave of Absence").~~

The notation 'Discontinued Graduate Program' will be placed on the academic record of any graduate student who has failed to maintain continuous registration. [Should a student be discontinued, but is in poor academic standing, the notation 'Required to Withdraw' will replace 'Discontinued Graduate Program'.](#)

[The re-registration requirement does not apply to occasional students, visiting students, Pre-Master's students or students on an Exceptional or Parental Leave of Absence \(please refer to "Leave of Absence"\).](#)

1.2.43 Registration Revisions

Revisions to registration must be approved by the Department/Unit Head or designate and may be made during the designated periods. For designated periods subsequent to registration, approved revisions may be made. It is required that students adhere to dates and deadlines as published in the Academic Schedule of the Graduate Academic Calendar.

Note: Graduate students are not permitted to withdraw from courses without written permission from their Department/Unit Head on recommendation from their advisor/co-advisor (and/or advisory committee). The notation “Required to Withdraw” may be placed on the academic record of any graduate student who has withdrawn from courses without such approval.

1.2.45 Advisor Student Guidelines (ASG)

All students in thesis/practicum programs, ~~together within consultation with~~ their advisor/co-advisor, are required to discuss and complete the ASG as soon as possible after initial registration, prior to the commencement of any research, and but no later than at the time of submission of the first Progress Report. The advisor/co-advisor and the student are required to approve the agreement. If the parties cannot agree on one or more component(s) of the Advisor Student Guidelines, the matter should be referred to the Department/Unit Head, Graduate Chair, or the Dean of the Faculty of Graduate Studies. If a student does not have an advisor/co-advisor at this time, the interim advisor* will be required to complete the ASG. A new ~~The~~ ASG is to be completed again if there is a change in advisor/co-advisor, a co-advisor is added mid-way through the student's program, or if a student transfers programs. ~~The ASG form is available through JUMP only.~~

* In department/units where the choice of thesis/practicum topic and thesis/practicum advisor are postponed after a student's entry into the program, the Department/Unit Head, within one (1) term, shall appoint a faculty member to advise the student in the interim period before the regular advisor is assigned or chosen. Students must have an advisor through to the end of their program in programs requiring an advisor.

1.2.65 Western Deans' Agreement

This agreement was established in 1974 as an expression of co-operation and mutual support among universities offering graduate programs in western Canada. Its primary purpose is the reciprocal enrichment of graduate programs throughout western Canada. This agreement is not intended to preclude other agreements between participating institutions. A list of the participating Universities can be found on the Western Canadian Deans of Graduate Studies website. University of Manitoba graduate students interested in participating can learn more about how to apply on the Registrar's Office website.

1.2.56.1 The Western Deans' Agreement normally provides an automatic tuition fee waiver for visiting students. Graduate students paying normal required tuition fees to their home institution will not pay tuition fees to the host institution.

1.2.56.2 Only degree level courses from recognized post-secondary institutions will be considered; courses that are part of certificate or diploma programs will not be approved.

1.2.56.3 Program fees are always to be paid to the home institution, regardless of coursework taken at another institution. Students may be required to pay student, activity, application, or other ancillary fees to the host institution, according to general policies in effect at the host institution. Wherever possible, these fees will also be waived.

1.2.56.4 Students will qualify for the fee waiver if they:

a) Present the “Authorization Form: Western Deans' Agreement” signed by the University of Manitoba graduate student's Department/Unit Head or advisor/co-advisor to the Faculty of Graduate Studies at least eight (8) weeks prior to the start of the term of the course(s) at the host institution. The Dean of the Faculty of Graduate Studies (or designate) will review and sign the form and submit it to the participating Western Deans' institution at least six (6) weeks prior to the start of the term, specifying the course(s) to be taken for credit toward a graduate degree program at the student's home institution;

b) Are in good standing in a graduate program at the home institution;

c) Do not owe tuition and/or fees at the home institution.

1.2.56.5 Students must meet all requirements as prescribed by the host university's regulations, deadlines, class capacities, and course prerequisites.

1.2.65.6 Registration is possible in courses at both the graduate and undergraduate levels, and in credit courses offered through distance education or other means. To be eligible, courses must be an integral part of the applicant's graduate degree program. Fee waiver is not permitted for audit or non-credit courses.

1.2.56.7 Students must have the Authorization Form approved by the relevant Department/Unit Head and the Faculty of Graduate Studies at the host institution at least one (1) month prior to the commencement of the course(s) requested. The fee waiver is not available retroactively.

1.2.56.8 Students are subject to regulations of the home institution governing credit for the courses to be undertaken. As a condition of registration at the host institution, students will arrange for official transcripts from the host institution to be sent to the home institution confirming successful completion of courses selected.

1.2.56.9 Students must send confirmation of registration and notice of any change to the Registrar's Office of the home institution at the time of registration or course change is completed.

1.2.56.10 Students may not claim fee waivers under the terms of this Agreement for a period of more than three (3) months in total.

1.2.56.11 Each institution has its own regulations regarding the maximum number of transfer credits permitted in a given degree program. A list of the participating Universities can be found on the Western Canadian Deans of Graduate Studies website.

1.2.7 Canadian University Graduate Transfer Agreement (CUGTA)

The CUGTA is to provide students in good standing enrolled in a graduate degree or diploma program at a CAGS member university the opportunity to avail themselves of courses offered at another member institution (host) for transfer credit to the program at their institution (home).

1.2.7.1 The CUGTA provides an application fee waiver for visiting students when applying through this agreement. Tuition fees are not automatically waived, it is up to the host institution whether tuition fees will be charged.

1.2.7.2 Program fees are always paid to the home institution, regardless of coursework taken at another institution. Students may be required to pay tuition, student, activity, application, or other ancillary fees to the host institution, according to general policies in effect at the host institution.

1.2.7.3 Only degree-level courses from recognized post-secondary institutions will be considered; courses that are part of certificate or diploma programs will not be approved.

1.2.7.4 Students must meet all requirements as prescribed by the host university's regulations, deadlines, class capacities, and course prerequisites.

1.2.7.5 Registration is possible in courses at both the graduate and undergraduate levels, and in credit courses offered through distance education or other means. To be eligible, courses must be an integral part of the applicant's graduate degree program.

1.2.7.6 Students must submit the CUGTA form to their home University at least eight (8) weeks prior to the start of classes.

1.2.7.7 Students must have the Authorization Form approved by the relevant Department/Unit Head and the Faculty of Graduate Studies at the host institution at least one (1) month prior to the commencement of the requested course(s).

1.2.7.8 Students are subject to the home institution's regulations concerning credit for the courses to be taken. As a condition of registration at the host institution, students will arrange for official transcripts from the host institution to be sent to the home institution confirming successful completion of course(s) selected.

1.2.7.9 Students must send confirmation of registration and notice of any changes to the home institution at the time of registration/registration revision is completed.

1.2.7.10 Each institution has its own regulations regarding the maximum number of transfer credits that are permitted in a given degree program.

1.2.7.11 Most but not all Canadian Universities that are a member of the Canadian Association for Graduate Studies participate in the CUGTA. Student must contact the host institution for information on whether they accept the CUGTA. <https://cags.ca/institutional-members/>

1.3 Course Classifications

1.3.1 General Classifications

Students who register themselves through Aurora Student Information System (Aurora Student) must ~~also~~ have prior approval of the ~~De~~department/Unity Head or designate. Students registering through Aurora Student should add only those courses that are a Major (Standard "S") course in their program. Courses with Auxiliary "X", Audit "A", or Occasional "O" status (see below) must be added by the department/unit.

"X" Auxiliary course: Course is not a major requirement of the program but is required/recommended by the student's advisor/co-advisor.* ~~The student's advisor/co-advisor and Department/Unit Head must determine if there is a valid need for the registration in courses under the X classification.~~ Extra courses that are not part of the Master's or Ph.D. program but which are specified and required/recommended by the student's advisor/co-advisor, may be classified as "X" (~~Auxiliary~~) and the grade will not be included in the degree GPA which appears on the transcript. However, "X" course grades may be used in the calculation of the GPA for continuation in the program and a minimum grade requirement may be required for "X" coursework by the department/unit. (Please consult the individual department/unit's supplementary regulations.) Additionally, "X" courses are used in the calculation of the GPA for the purposes of Admission and Awards (e.g., the University of Manitoba Graduate Fellowship (UMGF) and International Graduate Student Scholarship (IGSS)). (~~The University of Manitoba Graduate Fellowship [UMGF] and International Graduate Student Scholarship [IGSS] use "X" courses in the calculation of the GPA.~~) ~~The student's advisor/co-advisor and department/unit Head must determine if there is a valid need for the registration in courses under the X classification.~~ A maximum of twelve (12) credit hours under the "X" course classification is permitted while registered in a given program.

"A" Audit course: Course is not taken for credit. No grade is recorded. Additional fees will be assessed.

"O" Occasional course: Course is not a requirement of the program. Additional fees will be assessed.

Note:

- Students are not permitted to audit a course and take the same course for credit at a later date.
- Changes in course classifications are regarded as course/program changes and may not be made without approval (refer to Registration Revision) or after the deadline dates for course changes as indicated in the Academic Schedule of the *Calendar*.

1.3.2 Continuing Courses (CO)

~~For those graduate level courses (6000, 7000, and 8000) which are being taken by students enrolled in the Faculty of Graduate Studies and which continue beyond the normal academic term, the instructor shall recommend that a mark grade classification of CO be used until such time as a final grade can be established. If the course is not completed by August 31, the student must re-register for the course(s).~~

~~In the absence of an assigned mark of CO, the student may receive a mark of F in that termthe course.~~

Note:

~~A CO will normally not be permitted longer than twelve (12) months. In exceptional circumstances, where a CO grade is requested for a second twelve (12) months, at the time the CO grade is submitted, the instructor and department/unit Head must also submit the "Recommendation for Continuing Status of a Course" form stating the reason for the CO and the deadline by which the course must be completed.~~

1.3.23 Incomplete Courses

~~Students who are unable to complete the term work prescribed in a course may apply to the instructor prior to the end of term for consideration of a grade classification of "Incomplete". It is understood that the student is to write the final examination as scheduled if one is scheduled required for the course. A "Time Extension for Completion of Term Work" form must be completed.~~

Students who are unable to complete the term work prescribed in a course may apply to the instructor prior to the end of lectures for an incomplete grade and time extension for work completion. Even if the student is granted an incomplete grade ("I") and an extension for work, the student will still need to write the final examination if one is scheduled for the course.

Taking into account the results of the final examination, the value of the term work completed, and the extent of the incomplete term work, the instructor ~~shall~~will calculate the temporary grade using a zero value for incomplete work. In no case will the satisfaction of the incomplete requirements cause result in a lower grade to be lowered~~ing awarded.~~

~~Normally, t~~The following maximum extensions are allowed:

- August 1st for courses terminated in April
- December 1st for courses terminated ~~between May and~~in August
- April 1st for courses terminated in December

If a final grade is not reported within one (1) month of the extension deadline, the ~~Incomplete letter ("I") classification~~will be dropped, and the grade will remain as awarded. ~~Normally, t~~The student's opportunity to improve the grade will have lapsed. Please visit the Registrar's Office website for further information.~~will no longer have an opportunity to improve the grade. In no case will the satisfaction of the incomplete requirements result in a lower grade being awarded.~~

1.3.3 Continuing Courses (CO)

For those graduate level courses (6000, 7000, and 8000) which are being taken by students enrolled in the Faculty of Graduate Studies and which continue beyond the normal academic term, the instructor shall recommend that a grade classification of CO be used until such time as a final grade can be established. If the course is not completed by August 31, the student must re-register for the course(s).

In the absence of an assigned mark of CO, the student may receive a mark of F in the course.

Note:

With the exception of "GRAD" courses, a CO will normally not be permitted longer than twelve (12) months. In exceptional circumstances, where a CO grade is requested for a second twelve (12) months, at the time the CO grade is submitted, the instructor and Department/Unit Head must also submit the "Recommendation for Continuing Status of a Course" form stating the reason for the CO and the deadline by which the course must be completed.

1.3.4 Cross-Listed Courses

Cross-listed courses are defined as courses taught at the same time and in the same location.

The regulations below place limits on the extent to which cross-listed courses may be used to meet graduate program requirements.

1. In order to receive credit for any 7000-level course that is cross-listed with a 3000-, 4000-, or 5000-level undergraduate course, the 7000-level course must have a distinct syllabus, and the course content and evaluation methods must be at the graduate-level.
2. Graduate students will not receive credit toward meeting program requirements for any 7000-level course cross-listed with a 1000- or 2000-level undergraduate course unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate.
3. Graduate students will not receive credit toward meeting program requirements for any 7000-level course cross-listed with a previously completed course.

1.4 Student Status/Categories of Students

1.4.1 Full-Time and Part-Time Students

Graduate students are admitted as full-time students. Graduate student status is not determined by the number of credit hours taken per term, unless the student is admitted as Pre-Master's. Therefore, students who spend much of the time in a laboratory or library engaged in research or writing a thesis/practicum, or who spend part of the academic year engaged in research elsewhere, are regarded as full-time students.

Student status should be determined by the student and advisor/co-advisor, and changes must be requested on the "Part-Time Status" form. The form must be approved by the ~~De~~partment/~~U~~nity Head and submitted to the Faculty of Graduate Studies. A change to part-time status cannot be granted solely for financial circumstances. Students are not permitted to change to part-time status more than once within their program. Once a student declares as part-time, they may return to full-time status once, but cannot subsequently revert to part-time.

Declaration of full/part time status must be made prior to the end of the registration revision period in the Fall and/or Winter terms and within one (1) month of the start of the Summer term.

For every full year (12 months) that a Master's student is declared as part time, they will receive an additional four (4) months in time to complete their program. For every two (2) full years (24 months) a Master's student is declared as part time, they will receive an additional year (12 months) in time to complete their program. Master's students who declare part time status for less than one year (12 months) are not permitted any additional time to complete their program. Retroactive status changes will not be made.

For every two (2) full years (24 months) that a Ph.D. student is declared as part time, they will receive an additional four (4) months in time to complete their program. Ph.D. students who declare part time status for less than two (2) full years (24 months) are not permitted any additional time to complete their program. Retroactive status changes will not be made.

1.4.2 Pre-Master's ~~Oror~~ Qualifying Students

In specific cases where the academic background of the student is judged to be insufficient for the given program in a department/unit, the department/unit may recommend that the student be admitted to a Pre-Master's program of study. The Pre-Master's program is intended to bring the student's standing to approximately the level of an Honours graduate in the major department/unit, and to provide satisfy any necessary prerequisites for courses. See Section 3 General Regulations: Pre-Master's.

1.4.3 Occasional Students

A student wishing to take graduate courses with no intention of applying them toward an advanced degree at The University of Manitoba is classified as an occasional student. Occasional students must apply via the regular FGS admission process (to the department/unit offering the course or majority of courses) and meet the same degree and grade point average entrance requirements as regular graduate students and must write final examinations in the courses taken (unless audited), but will not receive credit toward a degree. In special circumstances, an occasional student may apply for permission to proceed to a degree program and also apply for transfer, for credit, of courses previously taken in the "occasional" category.

Occasional student status is not advised for international students due to study permit limitations. If you are an international student interested in becoming an occasional student, please should contact the Graduate Studies admissions office and University of Manitoba International Centre.

Note:

1. Transfer of courses from the "occasional" category to a degree program is not automatic: request for advance credit must be made within the first year of a degree program on the "Advance Credit – Transfer of Credit" form.
2. Fees paid by a student while registered as an occasional student are not transferable to a degree program; at a later date, to a degree program.

3. Registration in the occasional student category can be for no more than one (1) academic year (September 1 - August 31) without reapplication.
4. ~~The majority~~ At least 60% of coursework per academic year must be taken at the graduate level while registered as an occasional student.
- 4.5. Students admitted as Occasional are required to upload proof of instructor permission (in the application for admission) to take the courses as Occasional.

1.4.4 Joint Master's (With the University of Winnipeg)

The University of Manitoba and the University of Winnipeg offer four (4) joint Master's programs: History, Religion, Public Administration, and Peace and Conflict Studies. The University of Manitoba, Faculty of Graduate Studies is responsible for the administration of the joint programs, and students must complete the regular University of Manitoba application and registration forms. Students taking Pre-Master's qualifying work for these programs register at the university where the courses are being taken.

1.4.5 Visiting Students

Visiting students are students who are registered at another institution who are taking one (1) or more courses at The University of Manitoba on a Letter of Permission from their home university. Visiting students must submit an online application, along with a \$100.00 (CDN) non-refundable application fee, in addition to copies of transcripts from all institutions attended and a successfully completed English Language Proficiency Test from the approved list, if applicable. Applications must be submitted to the Faculty of Graduate Studies a minimum of one (1) month prior to the start of the intended term of study.

Note:

1. Fees paid by a student while registered as a visiting student are not transferable to a degree program; at a later date, ~~to a degree program~~.
2. Registration in the visiting student category can be for no more than one (1) academic year (September 1 - August 31) without reapplication.
3. ~~The majority~~ At least 60% of coursework per academic year must be taken at the graduate level while registered as a visiting student.
4. Registration at two different universities on a Letter of Permission (Including Western Dean's and CUGTA) must have permission from the Dean of Graduate Studies. Students must provide a letter from their home department stating that they are in good academic standing and that they are permitted to take courses at multiple institutions.

1.5. Student Accessibility

~~See Accessibility Policy and Procedure.~~

SECTION 2: Academic Performance - General

2.1 General Note

Students are responsible for ensuring that they meet all degree and program requirements. The advisor (and ~~if appropriate~~ co-advisor, if applicable), advisory committee, and department/unit must also ensure that each student follows Faculty of Graduate Studies regulations, department/unit supplementary regulations and department/unit guidelines and meets all program requirements. The Faculty of Graduate Studies performs a final check of Faculty of Graduate Studies minimum requirements for each student just prior to graduation. Students are cautioned, therefore, to periodically check all regulations with respect to their degree requirements. Failure to meet all the requirements will render a student ineligible to graduate.

Departments/Units may make recommendations with respect to the regulations concerning minimum academic performance; however, enforcement of academic regulations rests with the Faculty of Graduate Studies. The following procedures apply to recommendations made by departments/units:

The department/unit is responsible for informing the Faculty of Graduate Studies when a student's performance is unsatisfactory in research or coursework and the department/unit must outline any recommended remedial action(s).

The department/unit must notify the student of the deficiency and of its recommendation.

If the [department/unit does not recommend remediation, or if the](#) student fails to satisfy any [required](#) remedial action ~~recommended~~, the student may be [R](#)required to [W](#)withdraw from the Faculty of Graduate Studies.

Note:

When a graduate student is [R](#)required to [W](#)withdraw from a program of study, the notation on the academic record will be: "Required to [W](#)withdraw".

A student who has been [R](#)required to [W](#)withdraw from a graduate program may be permitted to apply for admission to another graduate program only if the application for admission is approved by the Dean of the Faculty of Graduate Studies.

Voluntary withdrawal from a program is only permitted if the student is in good academic standing. [Good academic standing includes, but is not limited to, the regulations contained in sections 2.3 Academic Performance and 2.4 Performance Related to Coursework without exceeding the maximum time permitted to complete a program.](#)

Recommendations of departments/units ~~will~~[may](#) supersede student requests for voluntary withdrawal.

2.2 Bona Fide Academic Requirements (BFAR)

The following Bona Fide Academic Requirements (BFAR) represent the core academic requirements a graduate student must acquire in order to gain, and demonstrate acquisition of, essential knowledge and skills. Students must also meet additional requirements that may be specified for their program.

Students must meet requirements as outlined in both BFARs and Supplementary Regulation documents as approved by Senate.

Unless otherwise indicated, students may elect to complete any/all of the following requirements with or without appropriate and authorized assistive technology/aids. Students must consult Student Accessibility Services (SAS) regarding authorization for these procedures. [Students may also refer to See the University's Accessibility Policy and Procedures.](#)

BFAR Statement	Taught	Assessed
Student must successfully complete a co-operative experience or practicum, if required by their program.	Master's GRAD 7030	GRAD 7030
Student must successfully complete a comprehensive exam, project, studio exhibition, or equivalent, as required by their program and determined by the assigned examining committee.	GRAD 7010 GRAD 7050 GRAD 7090 GRAD 7200	GRAD 7010 GRAD 7050 GRAD 7090 GRAD 7200 Examining/Adjudication Committee
Student must produce a recorded/published thesis commensurate with degree being sought.	Master's GRAD 7000 Doctoral GRAD 8000	GRAD 7000 GRAD 8000

Student must successfully defend their thesis (where required), as determined by the assigned examining committee, in real-time.	Master's GRAD 7000 Doctoral GRAD 8000	GRAD 7000 GRAD 8000
Student in doctoral program must complete a candidacy exam (or equivalent) as required by their program and determined by the assigned examining committee.	GRAD 8010	GRAD 8010
Student must demonstrate knowledge of the University of Manitoba's policy on academic integrity, plagiarism, and cheating.	GRAD 7500	GRAD 7500
Student must conduct research in a safe and ethical manner, referring to their respective ethics board and supervisor(s) to ensure respect is maintained for: human dignity and/or animal welfare; vulnerable persons; informed consent; justice and diversity; confidentiality and privacy; beneficence and non-maleficence in the work that they conduct.	GRAD 7300	GRAD 7300
Student must complete coursework as required by their program.		

Individual unit BFARs available on the [Graduate Studies website](#).

2.3 Academic Performance

Student progress shall be reported **at least** annually, (but not to exceed once every four (4) months), to the Faculty of Graduate Studies on the "Progress Report" form. Performance that remains "Satisfactory" throughout the year does not need to be reported to the Faculty of Graduate Studies more than annually, but should remain on file in the department/unit.

Students who fail to maintain satisfactory performance may be **R**equired to **W**ithdraw on the recommendation of the Graduate Chair and/or **D**epartment/**U**nity Head to the Dean of the Faculty of Graduate Studies on the "Progress Report" form. Students who receive two (2) consecutive "in need of improvement" or one (1) "unsatisfactory" rating will normally be **R**equired to **W**ithdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to **W**ithdraw".

2.4 Performance in Coursework

A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/Units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades **or DGPA** will be **R**equired to **W**ithdraw unless a department/unit recommends remedial action (subject to approval by the Dean of the Faculty of Graduate Studies). ~~Any such action must be approved by the Dean of the Faculty of Graduate Studies).~~

A student may be permitted to remove deficiencies in grades by repeating the course or replacing it with an equivalent substitute course as determined by the student's department/unit. In the event that a substitute course is used for remediation, the substituted course must be at the same or higher level as the failed course (e.g., at the graduate level for a failed graduate-level course). Each failed course may be repeated or replaced only once, to a maximum of six (6) credit hours of **remediated** coursework. If a

course is repeated or replaced, the higher~~est~~ grade obtained will be used in the determination of the degree grade point average. Students receiving a grade of "C" or less in more than six (6) credit hours of coursework are normally ~~R~~required to ~~W~~withdraw, unless otherwise stated in the department/unit's supplementary regulations. A student may also be permitted the opportunity to improve a low DGPA as determined by the Graduate Chair of the student's department/unit through the registration and completion of additional course(s).

Students are normally expected to complete remedial action by the end of the subsequent term.

Graduate students are not permitted to repeat a previously passed course, unless the department/unit recommends that course(s) be re-taken if they have lapsed or expired (refer to Master's Degree General Regulations and Doctor of Philosophy General Regulations).

Note:

In exceptional circumstances, the department/unit may appeal to the Faculty of Graduate Studies for approval of remedial recommendation(s) falling outside those prescribed above.

Supplemental exams are not permitted to students in the Master's or Ph.D. program, unless otherwise stated in the department/unit's supplementary regulations.

A summary of all actions taken administratively are to be reported, ~~in summary form~~, to the Faculty of Graduate Studies Executive Committee.

2.5 Mandatory Academic Integrity Course (GRAD 7500 or GRAD 7501)

All students, including those in a Pre-Master's program, are required to register for and complete GRAD 7500 Academic Integrity Tutorial (0 credit hours) within their first term of initial registration. Université de Saint-Boniface graduate students may choose to complete GRAD 7500 or the French-language equivalent, GRAD 7501.

Failure to complete this course will result in a registration hold suspension of registration privileges and a grade of "F/NP" being assigned to the course which may lead to being "Required to ~~w~~Withdraw" from the graduate program.

Notes:

~~Students who successfully complete GRAD 7500 at the Master's level are not normally required to repeat the course at the Ph.D. level so long as no more than one (1) term separates one graduate degree program from another graduate degree program.~~

Students who have successfully completed GRAD 7500 in a previous program are not normally required to repeat the course upon entry to their new program so long as no more than one (1) term separates one program from another program.

Students who have not completed GRAD 7500 or GRAD 7501 prior to embarking on an exceptional/parental/regular leave of absence must register in the course GRAD 7500 upon their return to their program. from leave if it has not already been completed.

Visiting and Occasional students are not expected to complete GRAD 7500. For further information see GRAD 7500 FAQ.

2.6 Mandatory Research Integrity Online Course (GRAD 7300)

All students, including those in a Pre-Master's program, are required to register for and complete GRAD 7300 prior to applying to any ethics boards which are appropriate to the student's research, or within the student's first year, whichever comes first.

Failure to complete this course will result in a registration hold suspension of registration privileges and a grade of "F/NP" being assigned to the course which may lead to being "Required to ~~w~~Withdraw" from the graduate program.

Notes:

~~Students who successfully complete GRAD 7300 Online Course at the Master's level are not normally required to repeat the course at the Ph.D. level so long as no more than one (1) term separates one graduate degree program from another graduate degree program.~~

Students who have successfully completed GRAD 7300 in a previous program are not normally required to repeat the course upon entry to their new program so long as no more than one (1) term separates one program from another.

Students who have not completed GRAD 7300 prior to embarking on an ~~exceptional/parental/regular~~ leave of absence must register in the course GRAD 7300 upon their return to their program. ~~from leave if it has not already been completed.~~

Visiting and Occasional students are not expected to complete GRAD 7300. For further information see GRAD 7300 FAQ.

2.7 Graduate Focus on Aging Concentration

The Graduate Focus on Aging Concentration is available to any interested student who is enrolled in the Faculty of Graduate Studies and whose graduate work is concentrated in aging. To be eligible, a "Student ~~i~~ntention to receive the Graduate Focus on Aging Concentration" form must be submitted to the Faculty of Graduate Studies. Master's or Doctoral students must complete the requirements of the program to which they have been admitted and the requirements of the Graduate Focus on Aging Concentration.

The Graduate Focus on Aging Concentration requirements include:

1. Six (6) credit hours of graduate (7000-level or higher) courses that focus on aging and are approved by the student's Advisory Committee;
2. A thesis/practicum on an aging-related topic;
3. Having at least one ~~A~~ advisory committee member who is officially affiliated with the Centre on Aging as a Research Affiliate; and
4. Participating in the annual Spring Research Symposium of the Centre on Aging at least once as a poster presenter.

Graduate students may be able to attain their 6 credit hours of courses within the existing course requirements of their graduate program. Students must attain a minimum grade of C+ (or higher, if stipulated in the department/unit supplementary regulations), for the required 6 credit hours of aging courses.

Graduate students who are not in a thesis/practicum-based program will be considered on a case-by-case basis and will require approval in advance by the Dean of FGS.

Student progress in the Graduate Focus on Aging Concentration would normally be discussed with the student's Advisory committee, and progress documented on the "Student Intention to Receive the Graduate Focus on Aging Concentration" form which must accompany the Progress Report form submitted to the Faculty of Graduate Studies. The final Graduate Focus on Aging Concentration Completion form must be submitted no later than at least one week prior to the FGS deadline for graduands to submit theses/practica and other reports.

SECTION 3: General Regulations: Pre-Master's

3.1 Admission and Program Requirements

Graduates of bachelor degree programs with a minimum ~~g~~Grade ~~p~~Point ~~a~~Average (GPA) of 3.0 (or equivalent) in the last two (2) previous years of full-time-years-of university study (60 credit hours) ~~will~~may be considered for admission to a Pre-Master's program. ~~These are the minimum requirements of the Faculty of Graduate Studies.~~ Departments/Units may specify higher or additional criteria. Admission to a Pre-Master's program does not guarantee future admission to a Master's program.

The purpose of the Pre-Master's program of study is to bring a student's background up to the equivalent of a required four (4)-year undergraduate degree and/or fulfill deficiencies in knowledge of a particular discipline. Departments/Units should assign to students, as part of their Pre-Master's program of study, an appropriate number of applicable upper level (3000 or 4000) undergraduate courses. These courses may not be transferred into a Master's program ~~at a later date~~. Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of GRAD 7300 and GRAD 7500 ~~(or GRAD 7501)~~, unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate. If permission is granted, students may take a maximum of three (3) credit hours at the 7000 level or above and these credit hours must be taken as Occasional ("O"). A Pre-Master's student may only transfer a maximum of three (3) credit hours at the 7000 level into a prospective Master's program of study.

3.2 Academic Performance

3.2.1. The ~~D~~epartment/Unit Head is responsible for assigning the courses and monitoring the progress of each student.

3.2.2. A minimum degree grade point average of 3.0 with no grade below C+ must be maintained to continue in a Pre-Master's program. Students who fail to maintain this standing will be ~~R~~required to ~~w~~Withdraw unless remedial action recommended by the department/unit (as described below) is approved by the Dean of the Faculty of Graduate Studies.

3.2.3. Students deficient in six (6) hours of credit or less may be permitted to write a supplemental examination (when offered in the department/unit's supplementary regulations) in courses in which a grade of C or less was obtained.

3.2.4. Students deficient in six (6) hours of credit or less with a grade of C, D, or F in a course or courses may be permitted, if the overall average is C or better, to write one (1) supplemental examination in each course (when permitted by the department/unit's supplementary regulations), to repeat the courses, or to take equivalent substitute courses.

A student may be permitted to remove deficiencies in grades by writing a supplemental examination or repeating courses only one (1) time for each course to a maximum of nine (9) credit hours of remedial coursework.

If a course is repeated or a supplemental examination is written, the highest grade obtained in that course will be used in the determination of the degree GPA.

The degree GPA is cumulative in a Pre-Master's program if more than one (1) year is required to complete the course requirements.

A summary of all action taken administratively is to be reported to the Faculty of Graduate Studies Executive Committee.

SECTION 4: General Regulations: Micro-Diploma

4.1 Program Requirements

A Graduate Micro-Diploma is a short, flexible program of study focused on core knowledge in a field or interdisciplinary field of study at the graduate level. A Graduate Micro-Diploma consists of a minimum of six (6) credit hours to a maximum of nine (9) credit hours of coursework at the 7000-level or above. ~~is required~~. It may be stand alone and/or embedded in a graduate degree. A minimum of six (6) credit hours must be delivered by The University of Manitoba.

All students should consult department/unit supplementary regulations for specific details regarding a particular Graduate Micro-Diploma.

4.2 Admission

Students who are eligible to be considered for direct admission to a program of study leading to the Graduate Micro-Diploma include:

- Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from:
 - Canadian institutions empowered by law to grant degrees; or
 - Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies.
- Graduates from first-cycle Bologna compliant degrees.
- Students who have completed a Pre-Master's program from:
 - The University of Manitoba (see [Section 3: General Regulations - Pre-Master's](#)); or
 - Canadian institutions empowered by law to grant degrees; or
 - Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies.

All students applying for a Graduate Micro-Diploma program must have attained a minimum GPA of 3.0 in the last two (2) ~~previous years of full-time university study~~ ~~years~~ (60 credit hours) ~~of study~~. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.

4.3 Performance in Coursework

A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/Units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades or DGPA will be ~~R~~required to ~~W~~withdraw unless a department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.

A student may be permitted to ~~remediate~~ deficiencies in grades by repeating the course or replacing it with an equivalent substitute course ~~as determined by the department/unit~~. In the event that a substitute course is used for remediation, the substituted course must be at the same or higher level as the failed course (e.g., at the graduate level for a failed graduate-level course). Each failed course may be repeated or replaced only once, to a maximum of three (3) credit hours of coursework. If a course is repeated or replaced, the highest grade obtained will be used in the determination of the degree grade point average. Students receiving a grade of "C" or less in more than three (3) credit hours of coursework are normally ~~R~~required to ~~W~~withdraw from the Micro-Diploma, unless otherwise stated in the department/unit's supplementary regulations. A student may also be permitted the opportunity to improve a low DGPA as determined by the Graduate Chair of the student's department/unit through the registration and completion of additional course(s).

Students are normally expected to complete remedial action by the end of the subsequent term.

Graduate students are not permitted to repeat a previously passed course, unless the department/unit recommends that course(s) be re-taken if they have lapsed or expired (refer to Master's Degree General Regulations and Doctor of Philosophy General Regulations).

Note:

In exceptional circumstances, the department/unit may appeal to the Faculty of Graduate Studies for approval of remedial recommendation(s) falling outside those prescribed above.

Supplemental exams are not permitted to students in the Graduate Micro-Diploma program, unless otherwise stated in the department/unit's supplementary regulations.

4.4 Time in Program

The expected time-to-completion for students in the Micro-Diploma program is one (1) academic year (i.e., three (3) consecutive terms). Micro-Diploma students are subject to the same re-registration requirements as all other graduate students.

4.5 Transfer Credit

Courses within a program of study may be taken elsewhere and transferred for credit at The University of Manitoba. All such courses:

- must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them;
- are considered on an individual basis;
- cannot normally be used for credit towards another degree;
- may not exceed three (3) credit hours of coursework required of the student's Graduate Micro-Diploma program at The University of Manitoba, so long as six (6) credit hours of the Graduate Micro-Diploma program is taken at the University of Manitoba.

Permission is granted in the form of a Letter of Permission which may be obtained by making an application to the Registrar's Office Faculty of Graduate Studies; an original transcript and course equivalency must be provided.

4.6 Recognition for Credit

Graduate-level courses completed as part of a Graduate Micro-Diploma may be recognized toward a Graduate Diploma or graduate degree program (where appropriate) and subject to the Senate approved program regulations. Graduate Micro-Diplomas may be stackable or laddered (refer to definitions per the Certificate and Diploma Framework) into Graduate Diplomas or graduate degree programs in same or related fields of study.

SECTION 5: General Regulations: Diploma

5.1 Program Requirements

A Graduate Diploma is a structured program of study focused on developing graduate-level knowledge in a field or interdisciplinary field of study. A Graduate Diploma consists of a minimum of twelve (12) credit hours to a maximum of eighteen (18) credit hours of coursework primarily at the 7000-level or above is required. It is a stand-alone program. A minimum of 50% of the credit hours must be delivered by The University of Manitoba.

All students should consult department/unit supplementary regulations for specific details regarding a particular Graduate Diploma.

5.2 Admission

Students who are eligible to be considered for direct admission to a program of study leading to the Diploma include:

- Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from:
 - Canadian institutions empowered by law to grant degrees; or
 - Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies.
- Graduates from first-cycle Bologna compliant degrees.
- Students who have completed a Pre-Master's program from:

- The University of Manitoba (see General Regulations - Pre-Master's); or
- Canadian institutions empowered by law to grant degrees; or
- Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies.

All students applying for a dDiploma program must have attained a minimum GPA of 3.0 (or equivalent) in the last two (2) previous years of full-time university study-years (60 credit hours)-of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.

5.3 Performance in Coursework

A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/Units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades or DGPA will be Rrequired to Wwithdraw unless a department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.

A student may be permitted to remove deficiencies in grades by repeating the course or replacing it with an equivalent substitute course. In the event that a substitute course is used for remediation, the substituted course must be at the same or higher level as the failed course (e.g., at the graduate level for a failed graduate-level course). Each failed course may be repeated or replaced only once, to a maximum of three (3) credit hours of remediated coursework. If a course is repeated or replaced, the highest grade obtained will be used in the determination of the degree grade point average. Students receiving a grade of "C" or less in more than three (3) credit hours of coursework are normally Rrequired to Wwithdraw, unless otherwise stated in the department/unit's supplementary regulations. A student may also be permitted the opportunity to improve a low DGPA as determined by the Graduate Chair of the student's department/unit through the registration and completion of additional course(s).

Students are normally expected to complete remedial action by the end of the subsequent term.

Graduate students are not permitted to repeat a previously passed course, unless the department/unit recommends that course(s) be re-taken if they have lapsed or expired (refer to Master's Degree General Regulations and Doctor of Philosophy General Regulations).

Note:

In exceptional circumstances, the department/unit may appeal to the Faculty of Graduate Studies for approval of remedial recommendation(s) falling outside those prescribed above.

Supplemental exams are not permitted to students in the Graduate Diploma program, unless otherwise stated in the department/unit's supplementary regulations.

5.4 Time in Program

The expected time-to-completion for students in the Diploma program is the same as the Master's. The minimum time is equivalent to two (2) terms (8 months) and the maximum time allowed for the completion of the Diploma is four (4) years for students declared as full-time and six (6) years for students declared as part-time (see Student Status/Categories of Students for information on calculating maximum time for students). Diploma students are subject to the same re-registration requirements as all other graduate students.

5.5 Transfer Credit

Courses within a program of study may be taken elsewhere and transferred for credit at The University of Manitoba. All such courses:

- must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them;
- are considered on an individual basis;
- cannot be used for credit towards another degree;
- may not exceed 50% of the credit hours of coursework required of the student's Graduate Diploma program at The University of Manitoba.

Permission is granted in the form of a Letter of Permission which may be obtained by making an application to the Faculty of Graduate Studies Registrar's Office; an original transcript and course equivalency must be provided.

5.6 Recognition for Credit

Graduate-level courses completed as part of a Graduate Diploma may be recognized toward a graduate degree program (where appropriate) and subject to the Senate approved program regulations. Graduate Diplomas may be stackable or laddered (refer to definitions per the Certificate and Diploma Framework) into graduate degree programs in same or related fields of study.

SECTION 46: General Regulations: Master's

46.1 General

Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the following [link](#)), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion.

Individual departments/units may offer Master's programs by one or more of the following:

- Thesis/practicum-based;
- Course-based;
- Comprehensive Exam;
- Project;
- ~~Accredited Professional;~~
- Major research paper.

46.2 Admission

Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:

- Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from:
 - Canadian institutions empowered by law to grant degrees; or
 - Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies.
- Graduates from first-cycle Bologna compliant degrees.
- Students who have completed a Pre-Master's program from:

- The University of Manitoba (see [General Regulations - Pre-Master's](#)); or
- Canadian institutions empowered by law to grant degrees; or
- Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies.

All students applying for a Master's degree program must have attained a minimum GPA of 3.0 ([or equivalent](#)) in the last two (2) [years of full-time university study-years](#) (60 credit hours) ~~of study~~. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.

46.3 Program Requirements

In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. ~~Any single course cannot be used for credit toward more than one program. Some programs are subject to an external accrediting body. In such programs, the credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check refer to department/unit supplementary regulations regarding this requirement.~~

~~Any single course cannot be used for credit toward more than one degree.~~

46.3.1 Thesis/Practicum Route

A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.

46.3.2 Course-based, [Major Research Paper, Project](#) or Comprehensive Examination Route

A minimum of twenty-four (24) credit hours of coursework [is required. If the student is in the comprehensive examination route, and](#) comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. ~~A comprehensive examination is required for some course-based programs. Refer to unit supplementary regulations concerning specific regulations on coursework, major research paper, project and/or comprehensive examination requirements.~~

4.3.3 Accredited Professional Route

~~The credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check department/unit supplementary regulations regarding this requirement.~~

46.3.34 Language Requirements

Some department/units specify [an additional](#) language requirement for the Master's degree. Students should check department/unit supplementary regulations regarding this requirement.

46.3.45 Advanced Credit

Advance credit for courses completed prior to admission to a Master's program will be considered on a case-by-case basis. The student's department/unit must make a request to the Faculty of Graduate Studies by completing the "[Recommendation for Advance Credit-Transfer of Courses](#)" form.

- Application for advance credit must be made within the first year of the program (see [Lapse or Expiration of Credit of Courses](#)).
- No more than 50% of the required coursework for the program can be achieved using advance credit.
- A course may not be used for credit toward more than one ~~degree (1) degree, diploma, or certificate~~.
- The student must register at The University of Manitoba for at least two (2) terms within a single academic year and must also complete [all other program requirements](#) ~~the thesis/practicum/project/comprehensive exam~~ at The University of Manitoba [\(or in the case of a Joint Master's Program student, at The University of Winnipeg\)](#).
- [A Pre-Master's student may only transfer a maximum of 3 credit hours at the 7000 level taken as occasional into a prospective Master's program of study](#) ~~Courses taken while in the Pre-Masters program may not be used for credit in a Master's program.~~

Regardless of the [number of courses approved for which](#) ~~extent of~~ advanced credit [is](#) granted, all students are required to pay all applicable program fees [\(i.e., program fees will not be pro-rated according to advance credit granted\)](#).

46.3.56 Transfer Credit

Courses within a program of study may be taken elsewhere and transferred for credit at The University of Manitoba. All such courses:

- must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them;
- are considered on an individual basis;
- cannot be used for credit towards another degree;
- may not exceed 50% of the minimum credit hours of coursework required of the student's graduate program at The University of Manitoba.

Permission is granted in the form of a [Letter of Permission](#) which may be obtained by making an application to the Registrar's Office; an [original-official](#) transcript and course equivalency must be provided.

46.3.67 Time in Program

The minimum time for students in the Master's program is equivalent to two (2) terms [\(8 months\)](#). Completion of most programs requires more than this and students should check department/unit supplementary regulations regarding specific requirements.

The maximum time allowed for the completion of the Master's degree is four (4) years for students declared as full-time and six (6) years for students declared as part-time (see [Student Status/Categories of Students](#) for information on calculating maximum time for students). Individual departments/units and/or programs may have specified minimum and maximum time limits, ~~and students should periodically check department/unit supplementary regulations regarding these specific requirements.~~

Requests for extensions of time to complete the degree will be considered on an individual basis and must be submitted to the Dean of the Faculty of Graduate Studies using the "[Time Extension](#)"

Request” form **at least three (3), but no more than four (4), months** prior to expiration of the respective maximum time limit.

A student who has not completed the degree requirements within the time limit or within the time limit of the extension will be Rrequired to Wwithdraw from the Faculty of Graduate Studies and the notation on the student record will be “Required to Wwithdraw”.

46.4 Student’s Advisor and Co-Advisor

46.4.1 Student’s Advisor

Each student should have an advisor upon entry into the program, and must have one assigned no later than one (1) term following initial registration. Advisors are required for thesis/practicum routes, but not usually course-based routes or some comprehensive exam routes. In department/units where the choice of thesis/practicum topic and thesis/practicum advisor are postponed after a student’s entry into the program, the Department/Unit Head, within one (1) term, shall appoint a faculty member to advise the student in the interim period before the regular advisor is assigned or chosen. Students must have an advisor through to the end of their program in programs requiring an advisor.

The advisor is responsible for supervising the student’s graduate program. The advisor is the student’s first point of contact at the University of Manitoba and must be familiar with the general policies and regulations of the Faculty of Graduate Studies as well as the specific supplementary regulations of their academic department/unit. In this capacity, the advisor assists the student in planning the graduate program and ensures that the student is aware of all graduate program requirements, degree regulations, and general regulations of the academic department/unit, the Faculty of Graduate Studies, the university, and external funding agencies. The advisor provides counsel for all aspects of the graduate program, and stays informed of the student’s scholarly activities and progress. The student’s advisor also acts as a channel of communication to the student’s advisory committee, the department/unit and the Faculty of Graduate Studies.

The advisor must:

- hold an appointment in the student’s department/unit;
- be a member of the Faculty of Graduate Studies⁴; (see the FGS website for details);
- hold at least a Master’s degree or equivalent²; (see note below);
- be active in their field;
- have expertise in a discipline related to the student’s program.

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http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html

2

Note

Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis. and assessed by The potential advisor’s demonstrated research record and current research activities will be considered as part of the equivalency assessment. Note that M.D., D.M.D., Pharm.D. and J.D. are undergraduate degrees and are not equivalent to a Master’s or Ph.D.

It is the responsibility of the Ddepartment/Unit Head to determine whether faculty members meet these criteria, and also to report to the Dean of the Faculty of Graduate Studies on equivalency as necessary. Any exceptions or special circumstances must be recommended by the Ddepartment/Unit Head and approved by the Dean of the Faculty of Graduate Studies who considers each case on an individual basis.

~~In department/units where the choice of thesis/practicum topic and thesis/practicum advisor are postponed after a student’s entry into the program, the department/unit Head, within one (1) term, shall appoint a faculty member to advise the student in the interim period before the regular advisor is assigned or chosen. Students must have an advisor through to the end of their program in programs requiring an advisor.~~

46.4.2 Student's Co-advisor

~~In special circumstances, u~~Upon approval of the ~~Department/Unit~~ Head ~~of the department/unit~~, an advisor and a maximum of one (1) co-advisor may advise a student. The co-advisor must:

- be a member of the Faculty of Graduate Studies⁴; [\(see the FGS website for details\)](#);
- hold a Master's or equivalent²; [\(see note below\)](#);
- be active in research;
- have expertise in a discipline related to the student's program;

⁴

http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html

²

Note

Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential co-advisor's demonstrated research record and current research activities. Note that M.D., D.M.D., Pharm.D. and J.D. are undergraduate degrees and are not equivalent to a Master's or Ph.D.

The co-advisor may be identified either at the beginning of, or mid-way through, a student's program. In all instances, the Faculty of Graduate Studies must be informed of, and approve, the co-advisor arrangement. If a co-advisor is added midway through the student's program, a new Advisor Student Guidelines must be completed.

When an advisor and co-advisor are assigned, together they shall fulfill the role of the advisor (that is, neither shall fulfill any other advisory or examining committee membership requirements for that student). One (1) advisor must be identified as the primary advisor; the advisor/co-advisor ~~have share~~ a single vote. Both the advisor and co-advisor's signatures are required on all documents where the advisor's signature is required.

46.4.3 Student's Advisor/Co-advisor

A student who also holds an appointment at The University of Manitoba at the rank of Assistant Professor ~~and/or~~ above ~~or Instructor 1 and above~~ cannot have an advisor or co-advisor with an appointment in the same department/unit.

The advisor, co-advisor (if applicable) and student must discuss, and complete, the Faculty of Graduate Studies Advisor-Student Guidelines prior to the commencement of any research and no later than the submission of the first Progress Report for the student. If a student does not have an advisor/co-advisor, then the interim advisor will be required to complete the Advisor-Student Guidelines. The advisor/co-advisor and the student are required to approve the agreement. If the parties cannot agree on ~~any one or more~~ component(s) of the Advisor Student Guidelines, the matter should be referred to the ~~D~~epartment/~~U~~nity Head, Graduate Chair, or the Dean of the Faculty of Graduate Studies. ~~A new~~The Advisor-Student Guidelines is to be completed ~~again~~ if there is a change in advisor/co-advisor or when a co-advisor is added mid-way through the student's program.

Should, during the student's program, the relationship between the student and advisor/co-advisor significantly deteriorate, the matter should be referred sequentially to the ~~D~~epartment/~~U~~nity Graduate Chair, the Head of the department/unit, then to the Dean of the Faculty of Graduate Studies (or designate). It is the responsibility of the department/unit offering the program in which the student is studying to arrange an alternate advisor if this is appropriate and necessary. All students should consult department/unit supplementary regulations for specific details regarding advisor/co-advisor requirements.

46.5 Advisory Committee

46.5.1 Conflict of Interest

There are several circumstances that might lead to a real, perceived or potential Conflict of Interest (COI) in advisory and examining committees. A real COI could be present due to the existence of a (past or present) personal relationship that is romantic, sexual, marital, personal or familial. There is a potential for a perceived COI in cases of recent (within the last 5 years) collaboration among committee members, which may result in the perception of a lack of fairness or impartiality. These examples are not intended to be comprehensive, and are provided solely for illustration. The University of Manitoba Conflict of Interest Policy and Conflict of Interest Procedures as well as the Conflict of Interest Between Evaluators and Students due to Close Personal Relationships should also be consulted.

In addition to following the processes outlined in the above policies, COIs that exist within advisory and examining committees and proposed mitigation should be declared in writing to the Faculty of Graduate Studies to provide transparency to all relevant parties (including the student, committee members, unit leadership, and the Faculty of Graduate Studies). All reported conflicts will be reviewed by the Dean of the Faculty of Graduate Studies (or designate). If the conflict is deemed sufficiently significant and cannot be mitigated, a new committee may need to be struck.

46.5.2 Thesis/Practicum Route

Advisory committees are selected by the advisor/co-advisor in consultation with the student and should consist of individuals whose expertise is consistent with that necessary to provide additional advice and guidance to the student during their research program. The advisor/co-advisor is the Chair of the advisory committee.

The advisory committee must consist of a minimum of three (3) voting members (the advisor/co-advisor have a single vote), at least two (2) of whom must be members of the Faculty of Graduate Studies.

All examiners must be deemed qualified by the Department/Unit Head and be willing to serve. It is expected that advisory committee members will have a Master's degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies or designate.

Individuals who are not a member of the Faculty of Graduate Studies, and who do not hold a Master's degree or equivalent, but who possess specific and extensive expertise and experience, such as professionals, artists, Knowledge Keepers or Elders, may serve on the advisory committee as a full voting member. No more than one such knowledge expert may serve on any individual advisory committee, and must be nominated by the Department/Unit Head or Graduate Chair with a justification of their role and be approved by the Dean of the Faculty of Graduate Studies or designate.

Advisory committees may alternatively include one (1) non-voting invited member who has expertise in a related discipline but is not a member of the Faculty of Graduate Studies. Committees may include a Knowledge Expert or invited member, not both.

Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining-advisory committees, regardless if they hold a rank of Adjunct Professor.

The composition of, and any changes to, the advisory committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. ~~The advisor/co-advisor is the Chair of the advisory committee.~~

~~It is expected that advisory committee members will have a Master's degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies or designate. Knowledge experts are exempted from this requirement.~~

Additional specifications, if any, regarding the advisory committee are found in the department/unit supplementary regulations and students should consult these regulations for specific requirements.

46.5.3 Course-based, Major Research Paper, or Comprehensive Examination Route

Normally, advisory committees are not required in these routes; however, the department/unit may specify advisory committee requirements in their supplementary regulations. any appropriate specifications regarding an advisory committee can be found in the department/unit's supplementary regulations and students should consult these regulations for specific requirements.

4.5.4 Accredited professional programs

~~Normally, advisory committees are not required in these routes; however, any appropriate specifications regarding an advisory committee can be found in the department/unit's supplementary regulations and students should consult these regulations for specific requirements.~~

46.6 Courses and Performance

46.6.1 Course or Program Changes

Students are not permitted to change their program of study, including withdrawal from individual courses, without the approval of their advisor/co-advisor (and/or advisory committee) and Department/Unit Head. Withdrawal from courses or changes of course category without such approval may result in the student being Rrequired to Wwithdraw from the Faculty of Graduate Studies.

46.6.2 Lapse or Expiration of Credit of Courses

Courses completed more than seven (7) years prior to the date of awarding of a degree may not normally be used for credit toward that degree. A department/unit may request an exception to this limit on behalf of the student. Such requests, which will be evaluated on a case-by-case basis, must be submitted via the Course Currency form and accompanied by supporting information including a detailed summary of the content of the course as taken initially and as offered most recently, and a detailed rationale explaining how the student has maintained knowledge of the course content. If FGS approves the course's currency, the approval will be valid for one (1) year. After one (1) year, an updated Course Currency form may be required.

Courses completed more than ten (10) years prior to the date of awarding of a degree are deemed **expired and cannot** be used for credit toward that degree.

In the event that coursework is no longer considered current or has expired, students must take additional coursework (as recommended by the Department/Unit Head, or designate, and as approved by the Dean of the Faculty of Graduate Studies) to meet the minimum credit hour requirements for their program. The department/unit may recommend that students re-take previously passed course(s) which have lapsed or expired.

46.6.3 Academic Performance

Student progress shall be reported **at least** annually (but no more than once every four (4) months) to the Faculty of Graduate Studies on the "Progress Report" form. Performance that remains "Satisfactory" throughout the year does not need to be reported to the Faculty of Graduate Studies more than annually, but should remain on file in the department/unit.

Students who fail to maintain satisfactory performance may be Rrequired to Wwithdraw on the recommendation of the Graduate Chair and/or department/unit Head to the Dean of the Faculty of Graduate Studies on the "Progress Report" form. Students who receive two (2) consecutive "in need of improvement" or one (1) "unsatisfactory" rating will normally be Rrequired to Wwithdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to Wwithdraw".

46.6.4 Performance in Coursework

A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades or DGPA will be Rrequired to Withdraw unless the department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.

Students are normally expected to complete remedial action by the end of the subsequent term.

46.6.5 Performance not related to Coursework

In some departments/units, students are required to demonstrate satisfactory academic performance in areas not related to performance in courses, such as attendance at or participation in course lectures, seminars and in laboratories and progress in research, thesis or practicum. The specific nature of satisfactory academic performance is outlined in individual department/unit supplementary regulations and students should consult these supplementary regulations for specific requirements. Unsatisfactory performance must be reported to the Faculty of Graduate Studies on the “Progress Report” form. Students who fail to maintain satisfactory performance may be Rrequired to Withdraw on the recommendation of the Department/Unity Head to the Dean of the Faculty of Graduate Studies.

46.7 Academic Requirements for Graduation

All students must:

- maintain a minimum degree grade point average (DGPA) of 3.0 with no grade below C+;
- complete GRAD 7500
- complete GRAD 7300
- meet the minimum and not exceed the maximum course requirements; and
- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).

Individual department/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements.

46.7.1 Thesis/Practicum Route

46.7.1.1 Thesis vs. Practicum

Students must demonstrate their mastery of the field and that they are fully conversant with the relevant literature through their thesis/practicum. The thesis/~~or~~ practicum will normally be written in English but may be written in French, unless the student is studying in a program at the Université de Saint-Boniface, or dDepartmental/unit supplementary regulations may allow the thesis/practicum to be written in a different language other than English or French to be used.

~~A practicum differs from the thesis in its emphasis on the application of theory, it is however similar in scope, span, and rigour. The practicum takes the form of an exercise in the practical application of knowledge and skill. It usually involves the careful definition of a problem, the application of appropriate knowledge and skills to the problem, and a report of the results in a manner suitable for evaluation by an examining committee. Individual department/units have specific requirements for graduation and students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the practicum.~~

The thesis must be written according to a standard style acknowledged within the student's particular field of study and recommended by the department/unit, be lucid and well-written, and be reasonably free from errors of style and grammar (including typographical errors). Additional recommendations for a thesis are outlined in Appendix 1: Thesis/Practicum Types.

The thesis is developed under the mentorship of the advisor/co-advisor. Individual departments/units may have specific guidelines regarding the thesis proposal and its acceptance by the student's advisory committee and Department/Unit Head; students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the thesis research.

A practicum differs from the thesis in its emphasis on the application of theory, it is however similar in scope, span, and rigour. The practicum takes the form of an exercise in the practical application of knowledge and skill. It usually involves the careful definition of a problem, the application of appropriate knowledge and skills to the problem, and a report of the results in a manner suitable for evaluation by an examining committee. Individual departments/units have specific requirements for graduation and students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the practicum.

46.7.1.2 Examining Committee

The advisor/co-advisor will recommend an examining committee to the Department/Unit Head for approval, which shall then be reported to the Faculty of Graduate Studies on the "Master's Thesis/Practicum Title and Appointment of Examiners" form. This form must be approved by the Dean of the Faculty of Graduate Studies at least two (2) weeks prior to the distribution of the thesis.

Under normal circumstances, the examining committee will be the same as the advisory committee unless otherwise stipulated in the department/unit's supplementary regulations. The examining committee must consist of a minimum of three (3) members (including the advisor/co-advisor), at least two (2) of whom must be members of the Faculty of Graduate Studies. All examiners must be deemed qualified by the Department/Unit Head and be willing to serve. It is expected that, under normal circumstances, examination committee members will have a Master's degree or equivalent. Knowledge Experts and invited members are exempt from this requirement. The composition of, and any changes to, the examining committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. Individual departments/units establish specific requirements for examination and students should consult department/unit supplementary regulations for specific requirements.

Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining committees, regardless if they hold a rank of Adjunct Professor.

The Head of the department/unit arranges for the distribution of the thesis/practicum to the examiners. It is the duty of all examiners to read the thesis/practicum and report on its merits according to the following categories:

- Acceptable, without modification or with minor revision(s); or
- Acceptable, subject to modification and/or revision(s); or
- Not acceptable.

If two or more examiners do not approve the thesis, then the student is deemed to have failed the distribution.

Note that ~~advisors and co-advisors share a single vote. in the case of an advisor and co-advisor, both together have a single vote on the examining committee.~~

46.7.1.3 Oral Examination

For departments/units requiring students to pass an oral examination on the subject of the thesis/practicum and matters relating thereto, the format of the oral examination is described in the supplementary regulations of the department/unit. Students should consult these supplementary regulations for specific requirements. A student has the right to an examination of the thesis/practicum if they believe it is ready for examination. It is the department/unit's responsibility to advise the student of any risk involved should they decide to proceed against the department/unit's recommendation.

The ~~examining process~~ should be completed within one (1) month of distribution of the thesis/practicum to the examining committee.

Normally, all members of the examining committee should be present ~~in real time in person~~ at the examination. ~~Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may be absent from the proceedings. Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may participate electronically. Only under very exceptional circumstances can the student or the Advisor/Co-advisor participate electronically.~~ No recordings ~~devices~~ will be permitted. ~~Any in-person components of t~~The oral examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, Université de Saint-Boniface, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours. The oral examination shall be open to all members of The University of Manitoba community except in exceptional cases. The oral examination may be closed, for example, when the results of the thesis/practicum research must be kept confidential for a period of time. In such cases, the examining committee and ~~Department/Unit Head shall recommend such action must request a closed examination~~ to the Dean of the Faculty of Graduate Studies, who shall then decide ~~whether to grant~~ that the final examination be closed to all but the examining committee, ~~and t~~The Dean of the Faculty of Graduate Studies (or delegate) ~~reserves the right to attend a closed examination.~~

The oral examination will normally be held in English, ~~but may be held in French, unless the student is studying in a program at the Université de Saint-Boniface, or d~~Departmental/unit supplementary regulations ~~may allow the oral examination to be held in a language other than English or French, a different language to be used.~~

Following completion of the examination of the thesis/practicum, examiners will ~~consider~~ determine the results of the oral examination and the written thesis/practicum.

The examiners will also determine the nature of and procedures for approval of any revisions that will be required prior to submission of the thesis/practicum to the Faculty of Graduate Studies ~~(via MSpace)~~. The advisor/co-advisor is normally responsible for ensuring that revisions are completed according to the instructions from the examining committee.

The ~~final assessment~~ judgment of the examiners shall be reported to the Faculty of Graduate Studies ~~in the qualitative terms as either~~ "approved" or "not approved" on the Master's "Thesis/Practicum Final Report" form ~~submitted by the advisor~~. Each examiner must ~~indicate their opinion by their sign~~ the form ~~ature~~. If two (2) or more examiners do not approve the thesis/practicum, the student is deemed to have failed the examination.

46.7.1.4 Failure

In the case of a failure of the thesis/practicum at the Master's level, the ~~candidate student~~ may, ~~on support of their home department/unit,~~ be allowed to defend the thesis a second time. In this case, a detailed written report will be prepared by the Chair of the examination committee and submitted to the Faculty of Graduate Studies, who will make the report available to the student, the student's advisor/co-advisor and the Department/Unit Head. ~~Without this detailed report, the student may not defend the thesis the second time.~~ The Department/Unit Head shall convene a meeting of the members of the examining committee and the student's advisor/co-advisor to decide how to bring the thesis to an acceptable scholarly standard and/or prepare for the second defence.

A student will be ~~R~~required to ~~W~~withdraw when the thesis/practicum has been rejected twice at the stage where:

- The examining committee reports on the merits of the written thesis/practicum;
- The oral examination; or
- A combination of both stages.

46.7.2 Course-based, Major Research Paper, or Comprehensive Examination Route

Students must demonstrate their mastery of their field. The specific procedures for evaluation of this mastery are stated in individual department/unit supplementary regulations.

In those departments/units where comprehensive examinations are required, students should consult the department/unit's supplementary regulations for specific requirements.

The results of the comprehensive examinations shall be submitted to the Faculty of Graduate Studies on the "Report on Comprehensive Examination" form ~~in the terms as either~~ "pass" or "fail." No student may sit comprehensive examinations more than twice. Any student who receives a "fail" on the comprehensive examination twice will be ~~R~~required to ~~W~~withdraw from the Faculty of Graduate Studies.

46.8 Style and Format

The thesis/practicum must be written according to a standard style acknowledged by a particular field of study (please refer to [Appendix 1: Thesis/Practicum Types](#)).

46.9 Details for Submission of the Final Copy

Following the approval of the thesis/practicum by the examining committee ~~via the "Master's Thesis/Practicum Final Report" form~~ and the completion of any revisions required by that committee, the thesis/practicum, must be submitted to the Faculty of Graduate Studies as follows:

- One digital version submitted as an e-thesis/practicum at the [MSpace website](#);
- "Copyright ~~Licence~~[License](#) Declaration/Infringement" ~~f~~Form (completed ~~e~~in MSpace);
- ~~Thesis/Practicum final report.~~

46.10 Publication and Circulation of Thesis/Practicum

Every graduate student registering in a thesis/practicum Master's program at The University of Manitoba shall be advised that, as a condition of being awarded the degree, they will be required to grant a ~~licen~~[cse](#) of partial copyright to the University and to the Library and Archives Canada for any thesis or practicum submitted as part of their degree program.

Note: This licence makes the thesis/practicum available for further research only. Publication for commercial purposes remains the sole right of the author.

The "Copyright ~~Licence~~ Declaration/Infringement" ~~F~~form must be completed ~~e~~in MSpace. This and other related regulations may give rise to important questions of law, and students may need additional legal advice on the copyright laws of Canada and/or other countries. Students who wish to obtain legal advice concerning their subsequent rights are advised to do so prior to signing the agreements. Signing of the licence agreements is normally done after the contents of the thesis/practicum have been delineated and the importance of copyright and/or patents fully understood and appreciated.

Publication in the above manner does not preclude further publication of the thesis or practicum report or any part of it in a journal or in a book. In such cases, an acknowledgement that the work was originally part of a thesis/practicum at The University of Manitoba should be included.

Notes:

Patents –Refer to "[Policy of Withholding Theses Pending Patent Applications](#)" in this Guide.

Restriction of Thesis/Practicum for Publication – In exceptional cases, not covered by the regulation concerning patents, where adequate cause can be shown to delay publication, the student and advisor/co-advisor may request in writing that the Dean of the Faculty of Graduate Studies restrict access for a period up to one (1) year after submission of the digital version of a thesis or practicum to The University of Manitoba. The Dean shall determine for what period, if any, access will be restricted.

Library and Archives Canada – Library and Archives Canada obtains a copy of the thesis via the University's MSpace repository.

6.11 Final Requirements and Deadlines for Graduation

The student will be recommended for the Master's degree providing that all degree requirements have been satisfied. In addition, the Faculty of Graduate Studies must receive: ~~The final requirements of the degree,~~

- ~~For the Thesis/Practicum: in the form of~~
 - ~~the final report on the thesis/practicum; and~~
 - ~~(and the corrected copy of the final (corrected and advisor-/advisory committee-approved) version of the thesis/practicum uploaded to MSpace; and~~
 - ~~the Copyright Licence Declaration agreed to in MSpace~~
- ~~For the Comprehensive Examination/M.Eng project/Design Thesis:~~
 - ~~the final report form~~
 - ~~and Copyright Licence Declaration uploaded into agreed to in MSpace).~~

The final requirements of the degree; ~~comprehensive examination; M. Eng. project; or Design thesis;~~ must be submitted to the Faculty of Graduate Studies by the appropriate deadline. For those programs that do not have a GRAD course associated with their culminating exercise, the department/unit must forward a list of ~~names of their~~ potential graduates ~~names~~ to the Faculty of Graduate Studies by the deadline. ~~The deadline for each of the graduation periods is~~ published on the Faculty of Graduate Studies website.

SECTION 75: Doctor of Philosophy General Regulations

The degree of Doctor of Philosophy (Ph.D.) is granted only upon evidence of general proficiency and ~~of~~ distinctive ~~attainment~~ achievement in a special field. In particular, the candidate must demonstrate an ability for independent investigation, original research or creative scholarship. This is expected to be presented in a thesis with a degree of literary skill and by an oral examination wherein the candidate exhibits mastery of their field. The Ph.D. is a research degree and is not conferred by The University of Manitoba solely as a result of coursework study.

Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the website), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion.

57.1 Admission

57.1.1 General criteria

Normally, the completion of a Master's degree or equivalent from a recognized university and a cumulative GPA of 3.0 (or equivalent) in the last two (2) years of full-time university study (60 credit hours) is the minimum requirement for admission to the Ph.D. program.

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria. ~~Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission. However, the criteria for admissions into the Ph.D. program are more stringent than for Master's programs; therefore, the completion of a Master's program does not guarantee admission into the Ph.D. program.~~ Some departments/units require completion of a thesis-based Master's program prior to admission to a Ph.D. program.

57.1.2 Direct Admission from the Bachelor's Honours or Equivalent

With special recommendation of the department/unit ~~concerned~~, applicants with out a Master's degree who have an honours Bachelor's degree or equivalent may be considered for entry to the Ph.D. study program. These students must be outstanding in their academic background (GPA well above 3.0 in the last two (2) full years (60 credit hours) of undergraduate study).

Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria. Once admitted, these students must complete at least 24 credit hours of coursework, unless the individual department/unit's approved supplementary regulations specify otherwise, and will be assessed Ph.D. fees for three (3) years. A minimum of 18 credit hours at the 7000-level or higher is required. Any further coursework beyond the minimum 18 credit hours at the 7000-level must be at the 3000-level or above. A maximum of 48 credit hours of coursework is allowed toward the Ph.D. program.

57.1.3 Transfer from the Master's to the Ph.D. Program

Students who have not completed a Master's program may transfer to the Ph.D. program within the same department/unit upon the recommendation by the Department/Unit Head ~~of the department/unit~~ to the Faculty of Graduate Studies. The recommendation should be made within four (4) terms ~~(including Summer term)~~ from the start of the Master's program. Fees paid, coursework completed, and time spent in the Master's program will normally be credited towards the Ph.D. program. Students must complete at least 24 credit hours of coursework, unless the individual department/unit's approved supplementary regulations specify otherwise. A minimum of 18 credit hours at the 7000-level or higher is required. Any further coursework beyond the minimum 18 credit hours at the 7000-level must be at the 3000-level or above. A maximum of 48 credit hours of coursework is allowed toward the Ph.D. program.

The request to transfer from a Master's to the Ph.D. program must be submitted to the Faculty of Graduate Studies via the Faculty's admission application at least one (1) month prior to the term for which the student intends to start the Ph.D. program. The applicant must indicate a request for transfer ~~on their~~ online admissions application.

The student will be admitted to a 3-year Ph.D. program and will pay a total of three years of program fees, including program fees paid in the Master's at the time of transfer. Students are cautioned that such transfers may impact on the duration of The University of Manitoba Graduate Fellowship.

Students who have previously completed a recognized Master's degree and are initially admitted and registered in a Master's program may transfer to the Ph.D. program within the same department/unit on the recommendation of the student's advisor/co-advisor and Department/Unit Head ~~of the department/unit~~. Where a student holds a Master's degree that would be sufficient for admission to the Ph.D. program, students must complete at least 12 credit hours of coursework, unless the individual department/unit's approved supplementary regulations specify otherwise. The student will be admitted to a 2-year Ph.D. program and will pay a total of two years of program fees, including program fees paid in the Master's at the time of transfer.

57.1.4 Provisional Admission to the Ph.D.

Students nearing the completion of the Master's degree may be accepted provisionally to the Ph.D. program for a ~~12-month period~~ (commencing with the first registration in the Ph.D. program). Further registration in the Ph.D. program is contingent upon completion of all requirements of the Master's degree within the 12 months. Students must maintain continuous registration in their Master's program until its completion. Students will require assistance from the department/unit and the Faculty of Graduate Studies to complete dual registration on the "Concurrent Curriculum Permission" form in the Master's and Ph.D. program simultaneously.

57.2 Student's Advisor, Co-advisor and Advisory Committee

57.2.1 Student's Advisor

Every Ph.D. student must have an advisor throughout their program, ~~appointed who is recommended to the Faculty of Graduate Studies~~ by the Department/Unit Head ~~of the department/unit~~. The advisor is responsible for supervising the student's graduate program. The advisor is the student's first point of contact at the University of Manitoba, and ~~must therefore should~~ be familiar with the general policies and regulations of the Faculty of Graduate Studies as well as the specific supplementary regulations of their academic department/unit. In this capacity, the advisor assists the student in planning the graduate program, and ensures that the student is aware of all graduate program requirements, degree

regulations, and general regulations of the academic department/unit, the Faculty of Graduate Studies, the university, and external funding agencies. The advisor provides counsel for all aspects of the graduate program, and stays informed of the student's scholarly activities and progress. The student's advisor also acts as a channel of communication to the student's advisory committee, the department/unit and the Faculty of Graduate Studies.

The advisor must:

- hold an appointment in the student's department/unit.
- be a member of the Faculty of Graduate Studies [\(see the FGS website for details\)](#)⁴;
- hold a Ph.D. or equivalent² [\(see note below\)](#);
- be active in research; and
- have expertise in a discipline related to the student's program.

⁴

http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html

²

Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential advisor's demonstrated research record and current research activities. Note that M.D., D.M.D., Pharm.D. and J.D. are undergraduate degrees and are not equivalent to a Ph.D.

Usually the student and the advisor choose to work together by mutual agreement. In departments/units where the choice of thesis topic advisor is postponed for some time after entry into the program, the Head of the department/unit or the selection committee shall appoint a faculty member to advise the student as to the rules and regulations and on program and course requirements. This interim period must not exceed eighteen (18) months after entry into the program before a permanent advisor is chosen.

57.2.2 Student's Co-advisor

In special circumstances, upon approval of the Head of the department/unit, an advisor and a maximum of one (1) co-advisor may advise a student. The co-advisor must:

- be a member of the Faculty of Graduate Studies⁴ [\(see the FGS website for details\)](#);
- hold a Ph.D. or equivalent² [\(see note below\)](#);
- be active in research; and
- have expertise in a discipline related to the student's program.

⁴

http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html

²

Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential co-advisor's demonstrated research record and current research activities. Note that M.D., D.M.D. and J.D. are undergraduate degrees and are not equivalent to a Ph.D.

The co-advisor may be identified either at the beginning of, or midway through, a student's program. In all instances, the Faculty of Graduate Studies must be informed of, and approve, the co-advisor arrangement. If a co-advisor is added midway through the student's program, a new Advisor-Student Guidelines must be completed. When an advisor and co-advisor are assigned, together they ~~shall~~ fulfill the role of the advisor (that is, neither ~~shall~~ fulfill any other advisory or examining committee membership requirements for that student). One (1) advisor must be identified as the primary advisor; ~~the~~ the advisor ~~and~~ and co-advisor ~~have share~~ share a single vote. Both the advisor and co-advisor's signatures are required on all documents where the advisor's signature is required.

57.2.3 Student's Advisor/Co-advisor

A student who also holds an appointment at the University of Manitoba at the rank of Assistant Professor ~~or and~~ above or Instructor 1 and above cannot have an advisor or co-advisor with an appointment in the same department/unit.

The advisor, co-advisor (if applicable) and student must discuss, and complete, the Faculty of Graduate Studies Advisor--Student Guidelines prior to the commencement of any research and no later than the submission of the first Progress Report for the student. If a student does not have an advisor/co-advisor, the interim advisor will be required to complete the Advisor Student Guidelines. If the parties cannot agree on any component(s) of the Advisor Student Guidelines, the matter should be referred to the ~~D~~department/~~U~~unit Graduate Chair, the ~~Department/Unit~~ Head ~~of the department/unit~~, or the Dean of the Faculty of Graduate Studies. ~~A new~~The Advisor--Student Guidelines is to be completed ~~again~~ if there is a change in advisor/co-advisor or when a co-advisor is added midway through the student's program.

Should, during the student's program, the relationship between the student and advisor/co-advisor significantly deteriorate, the matter should be referred sequentially to the ~~D~~department/~~U~~unit Graduate Chair, the ~~Department/Unit~~ Head ~~of the department/unit~~, then to the Dean of the Faculty of Graduate Studies. It is the responsibility of the department/unit offering the program in which the student is studying to arrange an alternate advisor/co-advisor if this is appropriate and necessary.

All students should consult department/unit supplementary regulations for specific details regarding advisor/co-advisor requirements.

57.2.4 Advisory Committee

The ~~Department/Unit~~ Head ~~of the department/unit~~ is responsible for recommending the ~~establishment of an~~ advisory committee for each Ph.D. student. Advisory committees are selected by the advisor/co-advisor in consultation with the student and should consist of individuals whose expertise is consistent with that necessary to provide additional advice and guidance to the student during their program. The advisor/co-advisor is the Chair of the advisory committee

The advisory committee must consist of a minimum of three (3) voting members (including the advisor/co-advisor ~~have a single vote as a single member sharing a single vote~~), all of whom must be members of the Faculty of Graduate Studies. It is expected that advisory committee members will have a Ph.D. degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies or designate.

In addition, individuals who are not a member of the Faculty of Graduate Studies, and who do not hold a Ph.D. degree or equivalent, but who possess specific and extensive expertise and experience, such as professionals, artists, Knowledge Keepers or Elders, may serve on the advisory committee as a full voting member. No more than one such knowledge expert may serve on any individual advisory committee, and must be nominated by the ~~Department/Unit~~ Head or Graduate Chair with a justification of their role and be approved by the Dean of the Faculty of Graduate Studies or designate. Advisory committees may alternatively include one (1) non-voting invited member who has expertise in a related discipline but is not a member of the Faculty of Graduate Studies. Committees may include a Knowledge Expert or invited member, not both.

~~It is expected that advisory committee members will have a Ph.D. degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies or designate. Knowledge experts are exempted from this requirement.~~

Under no circumstances should graduate students, Post-Doctoral Fellows, and Research Assistants or Associates serve on graduate student advisory committees, regardless if they hold a rank of Adjunct Professor.

~~A student who also holds an appointment at the University of Manitoba at the rank of Assistant Professor or above or Instructor 1 or above, cannot have an advisor or co-advisor with an appointment in the same department/unit.~~

The composition of, and any changes to, the advisory committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies on the "Program of Study and Appointment of Advisory Committee" form.

~~The advisor/co-advisor is the Chair of the advisory committee.~~

Advisory committee meetings must be held at least annually, and are not intended to take the place of meetings between the student and advisor/co-advisor which should occur with much greater frequency than the advisory committee meetings.

57.2.5 Conflict of Interest

There are several circumstances that might lead to a real, perceived or potential Conflict of Interest (COI) in advisory and examining committees. A real COI could be present due to the existence of a (past or present) personal relationship that is romantic, sexual, marital, personal or familial. There is a potential for a perceived COI in cases of recent (within the last 5 years) collaboration among committee members, which may result in the perception of a lack of fairness or impartiality. These examples are not intended to be comprehensive, and are provided solely for illustration. The University of Manitoba Conflict of Interest Policy and Conflict of Interest Procedures as well as the Conflict of Interest Between Evaluators and Students due to Close Personal Relationships should also be consulted.

In addition to following the processes outlined in the above policies, COIs that exist within advisory and examining committees and proposed mitigation should be declared in writing to the Faculty of Graduate Studies to provide transparency to all relevant parties (including the student, committee members, unit leadership, and the Faculty of Graduate Studies). All reported conflicts will be reviewed by the Dean of the Faculty of Graduate Studies (or designate). If the conflict is deemed sufficiently significant and cannot be mitigated, a new committee may need to be struck.

57.3 Program of Study

As soon as possible, but no later than 24 months after a student has commenced their program, the student's program of study should be registered with the Faculty of Graduate Studies on the "Program of Study and Appointment of Advisory Committee" form and should include:

- information about the minimum or expected time for completion of the degree;
- coursework to be taken along with course classification ("S", "X", "A" or "O");
- any ~~foreign~~-additional language requirement;
- the research area in which the thesis will be written.

The approval of the student's advisor/co-advisor and the Head of the department/unit are sufficient for registration. The program of study, including withdrawal from individual courses and any subsequent changes, must be approved by the student's advisor/co-advisor, the advisory committee, and the Head of the department/unit. Withdrawal from courses or changes of course category without such approval may result in the student being ~~r~~Required to ~~w~~Withdraw from the Faculty of Graduate Studies.

57.4 Program Requirements

All students must complete one of the following programs of study for the Ph.D. degree, unless otherwise specified in the approved department/unit supplementary regulations:

- Where admission to the Ph.D. is directly from a Master's degree, a minimum of 12 credit hours at the 7000- level or higher plus a thesis is required. Any further coursework beyond the minimum 12 credit hours at the 7000-level must be at the 3000-level or above. A maximum of 24 credit hours of coursework is allowed toward the Ph.D. program.¹
- Where admission to the Ph.D. is directly from an Honours Bachelor degree or equivalent, a minimum of 24 credit hours plus a thesis is required. The coursework must include a minimum of 18 credit hours at the 7000-level or higher with the balance of the coursework at the 3000-level or higher. A maximum of 48 credit hours of coursework is allowed toward the Ph.D. program unless professional accreditation requirements and/or the department/unit's supplementary regulations indicate otherwise.

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~~Unless professional accreditation requirements and/or the department/unit's supplementary regulations indicate otherwise.~~

57.4.1 Language Requirements

Some departments/units specify a language requirement for the Ph.D. degree. Students are advised to ~~check~~ consult department/unit supplementary regulations regarding this requirement.

57.4.2 Advance Credit

Advance credit for courses completed prior to admission to a Ph.D. program will be considered on a case-by-case basis. The student's department/unit makes the request to the Faculty of Graduate Studies by completing the "Advance Credit-Transfer of Courses" form.

- Application for advance credit must be made within the first year of the program (please refer to Lapse or Expiration of Credit of Courses)
- No more than 50% of the required coursework for the program can be achieved using advance credit.
- A course may not be used for credit toward more than one degree, diploma, micro-diploma or certificate.
- The student must register at the University of Manitoba for at least two consecutive terms and must also complete the thesis and candidacy examination at The University of Manitoba. Regardless of the extent of advance ~~ed~~ credit received, all students are required to pay applicable program fees.

57.4.3 Transfer Credit

Courses within a program of study may be taken elsewhere and transferred for credit at the University of Manitoba. All such courses:

- must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them;
- are considered on an individual basis;
- cannot be used for credit towards another degree, diploma, micro-diploma or certificate;
- may not exceed 50% of the minimum credit hours of coursework required of the student's graduate program at The University of Manitoba.

Permission is granted in the form of a Letter of Permission which may be obtained by making an application to the Registrar's Office; an original-official transcript, and course equivalency must be provided.

57.4.4 Lapse or Expiration of Credit of Courses

Courses completed more than seven (7) years prior to the date of awarding of a degree may not normally be used for credit toward that degree. A department/unit may request an exception to this limit on behalf of the student. Such requests, which will be evaluated on a case-by-case basis, must be submitted via the "Course Currency" form and accompanied by supporting information including a detailed summary of the content of the course as taken initially and as offered most recently, and a detailed rationale explaining how the student has maintained knowledge of the course content. If FGS approves the course's currency, the approval will be valid for one (1) year. After one (1) year, an updated "Course Currency" form may be required.

Courses completed more than ten (10) years prior to the date of awarding of a degree are deemed **expired and cannot** be used for credit toward that degree.

In the event that coursework is no longer considered current or has expired, students must take additional course-work (as recommended by the Department/Unit Head, or designate, and as approved by the Dean of the Faculty of Graduate Studies) to meet the minimum credit hour requirements for their program. The department/unit may recommend that students re-take previously passed course(s) which have lapsed or expired.

57.5 Time in Program Limits

5.5.1 Minimum Time Limit

The minimum time requirement for the program of study for a Ph.D. degree will normally be two (2) years of study beyond the level of the Master's degree, or three (3) years beyond the level of a Bachelor's degree.

5.5.2 Maximum Time Limit

The maximum time allowed for the completion of the Ph.D. degree. A student's candidature shall lapse if they fail to complete the degree within six (6) years following initial registration in the Ph.D. program. For those students who transfer from the Master's to the Ph.D., years spent in the Master's program are counted as years in the Ph.D. program.

Ph.D. students who are declared as part-time will receive an additional four (4) months in time to complete their program for every two (2) years (24 months) they are declared as part time (see Student Status/Categories of Students) to a maximum of seven (7) years. Requests for extensions of time to complete the degree will be considered on an individual basis and must be submitted using the "Time Extension Request" form to the Dean of the Faculty of Graduate Studies **at least three (3), but no more than four (4)**, months prior to expiration of the respective maximum time limit.

A student who has not completed the degree requirements within the time limit or within the time limit of any extension that has been granted (please refer to "Extension of Time to Complete Program of Study" and "Leaves of Absence") will be Required to Withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to Withdraw".

57.6 Academic Performance

Student progress shall be reported **at least** annually (but no more than once every four (4) months) to the Faculty of Graduate Studies on the "Progress Report" form. Performance that remains "Satisfactory" throughout the year does not need to be reported to the Faculty of Graduate Studies more than annually, but should remain on file in the department/unit.

Students who fail to maintain satisfactory performance may be Required to Withdraw on the recommendation of the Graduate Chair and/or Department/Unit Head to the Dean of the Faculty of Graduate Studies on the "Progress Report" form. Students who receive two (2) consecutive "in need of improvement" or one (1) "unsatisfactory" rating will normally be Required to Withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to Withdraw".

57.6.1 Performance in Coursework

A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/Units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades or DGPA will be Required to Withdraw unless a department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.

57.6.2 Performance Not Related to Coursework

Students may be ~~R~~required to ~~W~~withdraw from their Ph.D. program for reasons of unsatisfactory performance other than those related to failing grades. These include, but are not restricted to, unsatisfactory attendance and lack of progress in research and/or thesis preparation. Unsatisfactory performance must be reported to the Faculty of Graduate Studies on the “Progress Report” form. Students who fail to maintain satisfactory performance may be ~~R~~required to ~~W~~withdraw on the recommendation of the ~~D~~department/~~U~~unit Head to the Dean of the Faculty of Graduate Studies.

Students are normally expected to complete remedial action by the end of the subsequent term.

57.7 Academic Requirement for Graduation

All students must:

- maintain a minimum degree grade point average (DGPA) of 3.0 with no grade below C+;
- complete GRAD 7500;
- complete GRAD 7300;
- complete the Candidacy Examination (GRAD 8010);
- meet the minimum and not exceed the maximum course requirements; and
- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).

Individual departments/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements. A ~~cumulative~~ degree grade point average of 3.0 or greater is required in those courses that constitute the program of study for graduation ~~from~~in the Faculty of Graduate Studies.

57.8 Candidacy Examination

The candidacy examination is ~~an absolute~~ requirement of the Faculty of Graduate Studies and, as such, cannot be waived under any circumstances. However, the format and content of the candidacy exam varies from department/unit to department/unit. The purpose of the candidacy exam in doctoral programs is to determine the student's competence in the discipline with respect to understanding and absorbing a broad spectrum of material, and then researching, identifying, analyzing, synthesizing, and communicating ideas about that material in depth.

At the time specified by the advisory committee, normally within the first year after the completion of the Ph.D. program coursework, but in no case later than one year prior to expected graduation, the student must successfully complete the formal candidacy examination.

The examination is conducted according to a procedure established by the department/unit which is approved and documented in departmental/unit supplementary regulations. The department/unit supplementary regulations state the format and composition of the examination committee for the candidacy examination. The candidacy examination may be held virtually. If it is held in-person, it must be held at either The University of Manitoba Fort Garry or Bannatyne campus, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours.

This examination, which must be independent from the thesis proposal, may be oral, written, or both and may cover subjects relevant to the general area of the student's research. The structure of the exam must be made known to the student well in advance of the exam. In the case where there is a required oral component, the student must participate in-person or be physically-virtually present.

A “pass” decision of the examiners must be unanimous. Students must be provided with feedback on their performance and access to the reasons for the pass/fail.

The Dean of the Faculty of Graduate Studies must be informed of the results of the examination whether the candidate has “passed” or “failed” the candidacy examination on via the “Report on Ph.D. Candidacy Examination” form.

Any student who fails the candidacy examination twice will be ~~R~~required to ~~W~~withdraw from the Faculty of Graduate Studies and the notation on the student record will be “Required to ~~W~~withdraw”.

On successful completion of this examination, the student will be considered a candidate for the Ph.D. degree.

57.9 Thesis Proposal

Some departments/units have specific procedures in place for approval of thesis proposals and students are advised to refer to the specific department/unit supplementary regulations. ~~If departments/units require~~The thesis proposal ~~approval, this exercise~~ must be independent from the candidacy examination.

~~Regardless, it~~The proposed thesis research must be approved by the advisory committee and, if necessary, by the Human Research Ethics Board or Animal Care Committee before the work has begun on the thesis research or project.

57.10 Thesis

An essential feature of Ph.D. study is the candidate's demonstration of competence to complete a research project and present the findings. The thesis must constitute a distinct contribution to knowledge in the major field of study, and the research must be of sufficient merit to be, in the judgement of the examiners, acceptable for publication. The thesis will normally be written in English but may be written in French. Departmental/unit supplementary regulations may allow the thesis/practicum to be written in a language other than English or French.~~The thesis must be written in English unless otherwise approved by the department/unit and Faculty of Graduate Studies.~~

The thesis must be written according to a standard style acknowledged within the candidate's particular field of study and recommended by the department/unit, be lucid and well-written, and be reasonably free from errors of style and grammar (including typographical errors). Additional recommendations for a thesis are outlined in Appendix 1: Thesis/Practicum Types.

The final version of the thesis must be submitted by the candidate to the Faculty of Graduate Studies following the guidelines found on the [Faculty's website](#).

57.11 Thesis Examination Procedures

The final examination for the Ph.D. degree proceeds in two (2) stages:

1. Examination of the candidate's thesis by the examining committee;
2. Oral examination of the candidate by all examiners on the subject of the thesis and any matters relating thereto.

57.11.1 Formation of the Examining Committee - University of Manitoba (Internal) Examiners

The candidate's advisor/co-advisor is considered to be a single voting member of the examining committee. All voting members of the advisory committee are expected to serve on the examining committee; any exceptions must be approved in advance by the Dean of the Faculty of Graduate Studies. All examiners must be members of the [Faculty of Graduate Studies](#). It is expected that examining committee members will have a Ph.D. degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies.

57.11.2 Formation of the Examining Committee - External Examiner

The candidate's advisor/co-advisor, in consultation with the advisory committee, will recommend the names of at least three (3) distinguished scholars from outside The University of Manitoba with particular experience in the field of the thesis research and significant Ph.D. student supervisory/examination experience to serve as the external examiner. The recommendations must be made to the Dean (or

designate) of the Faculty of Graduate Studies for approval online via the Ph.D. Thesis Submission Portal on JUMP and must include:

- A CV of each of the prospective external examiners;
- A short statement explaining:
 - The rationale behind the recommendations;
 - The prospective external examiners' qualifications (if not already explicit on the CV). This includes a current list of their scholarly publications and research activities and, importantly, their experience with Ph.D. student supervision/examination (e.g., Ph.D. students they have supervised to completion; Ph.D. students they are currently supervising; experience serving as external examiner for Ph.D. examining committees).

Advisors and/or departments/units must contact the prospective external examiners to obtain this information and determine if they are available to review the thesis prior to submitting the recommendations to the Faculty of Graduate Studies.

If any of the recommended examiners do not meet the criteria specified below, a detailed explanation should be included with the rationale for the recommendation.

The external examiner must:

- hold a Ph.D. (or the equivalent if outside of North America);
- hold the rank of Associate Professor, Full Professor, Senior Scholar or Emeritus Professor (or the equivalent if outside North America) at a university, or have comparable expertise and standing if not a faculty member at a university;
- have an established reputation in the area of the thesis research and be able to judge whether the thesis would be acceptable at an institution comparable to The University of Manitoba; and
- have a demonstrated record of supervising a significant number of Ph.D. students to completion, and significant recent experience with the supervision/examination of Ph.D. students.

The external examiner must not:

- have held any faculty appointment within the candidate's home department/unit at the University of Manitoba within the last 10 years;
- have acted as an external examiner for a student of the same Ph.D. advisor and/or co-advisor within the previous two (2) years;
- have been associated with the candidate at any time or in any significant way in the past five (5) years, present or reasonably foreseeable future (as advisor/co-advisor, colleague, teacher, co-author of published material, family member etc.); or
- be associated with the candidate's advisor/co-advisor in any of the following ways:
 - former student within the last ten (10) years;
 - research advisor/co-advisor within the last ten (10) years;
 - research collaborator within the last five (5) years;
 - co-author of published material within the last five (5) years.

The Dean of the Faculty of Graduate Studies or designate will choose the external examiner from the list provided by the candidate's advisor/co-advisor or department/unit and will make the formal invitation to the external examiner. The Dean (or designate) of the Faculty of Graduate Studies shall ensure the anonymity of the external examiner until their report has been submitted.

57.11.3 Changes in the Examining Committee

The Dean of the Faculty of Graduate Studies must approve changes in the membership of the examining committee. No changes shall be made in the examining committee after the thesis is submitted to the Faculty of Graduate Studies.

57.11.4 Distribution of the Thesis for Examination

Ph.D. candidates must submit their thesis for distribution electronically through the Faculty of Graduate Studies FGS approved thesis distribution process through JUMP. Please refer to the website for pertinent instructions. It is the responsibility of the Faculty of Graduate Studies to distribute the electronic version of the thesis to all examiners once an external examiner has been secured. The Faculty of Graduate Studies shall ~~attempt to~~ ensure that the thesis is distributed to examiners as soon as possible after the submission of all required documentation. The Faculty of Graduate Studies website should be consulted regarding recommended dates by which theses must be submitted.

Once the thesis has been submitted to the Faculty of Graduate Studies, neither the candidate nor the advisor/co-advisor shall have any communication with the examining committee regarding the thesis. However, should the need arise, the examiners may contact the Dean of the Faculty of Graduate Studies to discuss any issues related to the thesis.

57.11.5 Responsibilities of the Examiners

In general, the examiners are responsible for:

- ensuring that the thesis and the candidate meet recognized scholarly standards for a Ph.D.;
- appraising the underlying assumptions, methodology, findings, and scholarly significance of the findings of the thesis;
- ensuring that the thesis is organized, presents data and uses accepted conventions for addressing the scholarly literature in an acceptable manner;
- evaluating that the candidate has the ability to present their findings orally and demonstrate their scholarship by responding to questions and defending the thesis.

Notes:

1. Any potential breach of academic integrity must be reported to the Dean of the Faculty of Graduate Studies.
2. Any potential breach of The University of Manitoba's Responsible Conduct of Research Policy must be reported to the Office of the Vice President (Research and International).
3. Submission of previously published, peer-reviewed material in the thesis does not preclude its critical examination, either as a written document being reviewed by examiners or at the thesis defence.

57.11.6 Process

Examination of the Written Thesis

Support of the candidate's advisor/co-advisors, advisory committee, and department/unit is required before the thesis is eligible for examination. Such support must be provided to the Faculty of Graduate Studies through submission by the Department/Unity Head of a completed "Approval to Proceed to Examination" form. By completing the "Approval to Proceed to Examination" form:

- each member of the advisory committee verifies that they have read the complete version of the thesis and have provided the candidate with a detailed review and comments including any necessary revisions in content and formatting (see Appendix 1);
- the student verifies that they have received feedback from all members of the advisory committee and have taken the feedback into account in preparing the thesis and are ready and willing to have their thesis examined; and
- the department/unit verifies that the student's thesis has been reviewed by all members of the advisory committee and that the department/unit fully supports the thesis proceeding for examination.

The thesis will be eligible for examination if no more than one (1) member of the advisory committee is not in support, the department/unit is in support, and an external examiner has been secured by the Faculty of Graduate Studies.

The Dean of the Faculty of Graduate Studies will request the examiners to give, within four (4) weeks of the distribution of the thesis, a detailed written report of the thesis.

The examiners will be asked to place the thesis into one of the following categories:

1. The thesis represents a distinct contribution to the candidate's field of research and is acceptable as it stands. Minor revisions to content, structure, or writing style may be required. The thesis may proceed to oral examination.
2. The thesis has merit and makes a contribution to the candidate's field; however, there are research-related concerns that have the potential to be addressed in the oral defence. The structure and writing style are acceptable or require only minor revisions. The thesis may proceed to oral examination.
3. The thesis has some merit, but is not acceptable in its current state and requires major revisions to one or more of its core components, such as research content, structure or writing style. The thesis should not proceed to oral examination.
4. The thesis is unacceptable with respect to its core components, such as research content, structure, and writing style. The thesis should not proceed to oral examination.

The candidate's advisor (and, if appropriate, co-advisor) may also ~~wish to~~ submit a report.

If either the external examiner or two (2) or more internal examiners indicate a failure (i.e. places the thesis in categories 3 or 4), then the candidate fails the examination. Otherwise, the candidate may proceed to the oral examination. The awarding of a passing grade by an internal or external examiner does not preclude them from assigning a failing grade at a subsequent stage in the examination process.

In the event of a first failure, the candidate ~~will may, on support of their home department/unit,~~ be allowed to have the thesis evaluated a second time, by the same examining committee. In this case, the ~~D~~department/~~U~~unit Head shall convene a meeting of the internal examiners of the examining committee and the student's advisor/co-advisor to decide how to bring the thesis to an acceptable scholarly standard. In normal circumstances, this will involve additional scholarly work that the ~~d~~Department/~~u~~Unit Head will describe, in writing, to the advisor/co-advisor, the candidate, and the Dean of the Faculty of Graduate Studies. ~~Without this written description, the thesis will not be distributed a second time.~~

Support of the candidate's advisor/co-advisors, examining committee, and department/unit is required before the thesis is eligible for re-examination. Such support must be provided to the Faculty of Graduate Studies through submission by the ~~D~~department/~~U~~unit Head of a new completed "Approval to Proceed to Examination" form, accompanied by a detailed summary of the changes made to improve the thesis. The thesis will be eligible for second distribution only once this is received by Faculty of Graduate Studies.

Two failures at any combination of written review and/or oral examination stage will ~~normally~~ result in the candidate being withdrawn from the Faculty of Graduate Studies and the notation on the student record will be "Required to ~~W~~withdraw".

Reports

The Dean of the Faculty of Graduate Studies shall provide electronic copies of all reports to each of the advisor/co-advisor, internal examiners, and Department/Unit Head and/or Graduate Chair. ~~of the department/unit.~~

57.12 Oral Examination

[Please consult the Faculty of Graduate Studies website for up-to-date and detailed guidelines for the conduct of Ph.D. Oral Examinations.](#)

57.12.1 Scheduling

Departments/Units cannot proceed with scheduling the oral examination prior to receiving the approved internal and external examiners' reports from the Faculty of Graduate Studies. [It is the responsibility of the Advisor and/or Department/Unit to contact the internal and external committee members to determine their](#)

availability and arrange a date for the examination. The oral examination ~~may be held in-person, remotely, or using a hybrid model virtually. It is held~~Any in-person participants, it must be ~~held~~ hosted at either The University of Manitoba Fort Garry or Bannatyne campus or the St. Boniface Hospital Albrechtsen Research Centre, normally during regular business hours. It is the responsibility of the department/unit to provide the appropriate space and technology for their chosen delivery method(s) ~~ensure that (i.e., room booking, ensuring that the chosen all room booking arrangements are made and appropriate~~ facilities meet minimum standards expected for a Ph.D. defence, determining the meeting platform to be used. The Advisor or Department/Unit must inform the Faculty of Graduate Studies of the following information **no later than two weeks (10 business days)** prior to the date of the examination:

- The date and time of the examination;
- The method of delivery (i.e., in-person, remote, or hybrid);
- The location and/or platform to be used; and
- Whether the external examiner and invited member (if applicable) will attend.

In addition, the candidate must submit ~~in electronic format~~ biographical information/CV and an abstract of the thesis to the Faculty of Graduate Studies at least two (2) weeks in advance of the date of the oral examination.

The department/unit or advisor(s) are strongly encouraged to contact prospective chairs to determine their availability to chair the examination. The method of delivery (i.e., in-person, virtual, or hybrid) must be disclosed to prospective chairs. Chairs should attend in the same manner as the candidate (e.g., for hybrid examinations, the chair should participate in-person only if the candidate also participates in-person). Prospective chairs must:

- Be members of the Faculty of Graduate Studies;
- Hold a rank of Assistant Professor or above; and
- Not hold an appointment, including nil-salaried appointments (e.g., Adjunct) in any unit represented by the advisor and co-advisor.

57.12.2 Attendance

The Dean of the Faculty of Graduate Studies or designate shall act as Chair of the examination committee. The Faculty of Graduate Studies will provide the Chair with an electronic package of documents and forms one week before the examination is scheduled to take place.

The attendance of the external examiner ~~in person~~ at the candidate's oral examination is **strongly** encouraged. ~~If the external examiner will not be present in person, then their participation electronically is expected.~~ If the external examiner cannot participate ~~electronically~~, they will be asked to provide questions in advance. These questions will be read to the candidate at the defence by the advisor.

~~It is expected that~~ Normally, all internal members of the examining committee, including the Knowledge Expert (if applicable), ~~should be present in real time in-person~~ at the defence. Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may be absent from the proceedings, unless exceptional circumstances prevent this. Under such circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, members may participate electronically. Consequently, no more than one (1) internal member and the external examiner may participate electronically.

The candidate and advisor/co-advisor must be present in real time in-person for the examination.

Normally, the oral examination shall be open to all members of The University of Manitoba community and the general public. In exceptional cases the final oral examination may be closed; for example, when the results of the thesis research must be kept confidential for a period of time. In such cases, the examination committee and Department/Unit ~~Head of the department/unit~~ shall request prior approval in writing from the Dean of the Faculty of Graduate Studies. If approved, the final oral examination shall be closed to all but the examining committee and the Dean of the Faculty of Graduate Studies or designate.

Regardless of open or closed status, no recordings ~~s-devices~~ will be permitted.

57.12.3 Format of the Examination

The first part of the oral examination shall consist of an oral presentation by the candidate. This is followed by examination of the candidate by the examination committee. If time permits, the Chair, at their discretion, may allow questions from the [Knowledge Keeper](#) or invited member (if applicable) of the examining committee and then members of the audience.

57.12.4 Procedures for the Conduct of the Examination

The Chair should discuss the examination procedures with the examiners prior to the beginning of the formal examination.

The Chair will introduce the candidate and request ~~him/her~~ [them](#) to give a concise (20 to 25 minute) oral presentation of the thesis to include a summary of the problem addressed, the results obtained, and the conclusions drawn from the study.

Following the presentation, the Chair will invite questions from each member of the examining committee, taking care to ensure that each examiner has approximately equal time for questions. The total time for questions by the examining committee must not exceed two (2) hours.

The Chair may exercise their discretion in allowing questions from the audience following completion of the formal examination. Once assuming the role of Chair, they forego the right to comment on the merits of the thesis regardless of whether they are an expert in the field.

57.12.5 Decision of the Committee

Following completion of the formal examination, the candidate, invited member (if applicable) of the examining committee and audience must leave the examination room [or virtual meeting](#). The decision of the examining committee will be based ~~both~~ on the content of the thesis, ~~and on~~ the candidate's ability to defend ~~their work, and the candidate's ability to accurately respond to questions posed by the examining committee~~. The performance of the candidate at the oral examination may reveal problems of comprehension or explanation, and the examining committee may require revisions be made to the written thesis to address these problems prior to granting final approval. [Each examiner is expected to comment on the candidate's performance and vote in favour of assigning either a pass or fail grade for the examination. Co-advisors share a single vote.](#)

The judgement of the examiners shall be reported by the Chair to the Faculty of Graduate Studies in the qualitative terms "pass" or "fail" on the "Final Examination of the Ph.D. Thesis [Chair Report Form](#)" ~~form~~. [Each examiner must also indicate their vote on the Final Examination of the Ph.D. Thesis Approval Form, which will be submitted to the Faculty by the Advisor once all required revisions have been made.](#)

- Pass: the candidate has satisfactorily presented the thesis rationale, methodology, findings, and conclusions to the general satisfaction of the examining committee. Notwithstanding this, stylistic, grammatical, and content revisions to the thesis may be required. Normally, the advisor/co-advisor is charged with ensuring that any revisions are satisfactorily completed. Under some circumstances, the entire examining committee may wish to ensure any required revisions are completed satisfactorily. Regardless, those examiners in agreement must indicate, by their signatures, concurrence with the passing grade.
- Fail: the candidate has failed to adequately orally present the thesis rationale, methodology, findings, and/or conclusions, or to satisfactorily respond to questions posed related to the thesis. Failure may also arise because of defects in conception, methodology, or context. Those examiners in agreement must indicate, by their signature, concurrence with the failing grade.

If either the external examiner ~~or~~ two (2) or more internal examiners indicate a failure, then the candidate fails the examination. [In this case, the Chair must submit of a copy of the report\(s\), including written detailed reasons for the decision, to the candidate, all members of the examining committee, and the Dean of the Faculty of Graduate Studies.](#)

In the case of a first failure of the oral defence, the candidate ~~may, on support of their home department/unit, will~~ be allowed to defend the thesis a second time. In this case, the Department/Unit Head shall convene a meeting of the internal members of the examining committee and the student's advisor/co-advisor to decide how to bring the thesis to an acceptable scholarly standard and/or prepare

for the second oral defence. In normal circumstances this may involve additional scholarly work which the Department/Unit Head will describe, in writing, to the advisor/co-advisor, the candidate, and the Dean of the Faculty of Graduate Studies.

Support Approval from the candidate's advisor/co-advisor, advisory committee, and department/unit is required before the thesis is eligible for re-examination. Eligibility for re-examination must be provided to the Faculty of Graduate Studies through submission by the Department/Unit Head of a new completed "Approval to Proceed to Examination" form, accompanied by a detailed summary of the changes made to improve the thesis, if any. The thesis will be eligible for second distribution to internal and external examiners only once this is received by Faculty of Graduate Studies. Only then will the candidate be eligible for a second oral defence.

Note: In some circumstances, the candidate may revise the written thesis. The revised thesis will be provided to the committee prior to the next oral defence. The revised written thesis shall not be re-examined; however, revisions can be recommended at the oral examination.

Candidates whose thesis is failed twice at either the written review and/or the oral examination stage will normally be withdrawn from the Faculty of Graduate Studies and the notation on the student record will be "Required to Withdraw".

57.13 Graduation

The candidate will be recommended for the Ph.D. degree providing that all degree requirements have been satisfied, and upon receipt by the Faculty of Graduate Studies:

- of the favourable reports by the thesis examining committee;
- and the completed "Final Examination of the Ph.D. Thesis Chair Report" and Approval forms;
- at the final (corrected) version corrected copy of the electronic version of the thesis uploaded to MSpace; and
- the and Copyright Licence Declaration uploaded agreed to into MSpace, and providing all other degree requirements have been satisfied.

The final requirements of the degree must be submitted to the Faculty of Graduate Studies by the appropriate deadline. The deadline for each graduation period is published on the Faculty of Graduate Studies website.

Patents –Refer to "Policy of Withholding Theses Pending Patent Applications".

Restriction of Theses for Publication – In exceptional cases, not covered by the regulation concerning patents, where adequate cause can be shown to delay publication, the student and advisor/co-advisor may request in writing that the Dean of the Faculty of Graduate Studies restrict access for a period up to one (1) year after the submission of the digital version of a thesis to The University of Manitoba. The Dean shall determine for what period, if any, access will be restricted.

Library and Archives Canada – Library and Archives Canada obtains a copy of the thesis via the University's MSpace repository.

57.14 Student Withdrawal

A student will be Required to Withdraw when the Ph.D. thesis has been rejected twice at the stage where:

1. The internal examining committee reports on the merits of the written thesis;
2. The external examiner reports on the merits of the written thesis;
3. The oral examination; or
4. A combination of any of these stages.

SECTION 68: Policy of Withholding Thesis Pending Patent Applications Content or Manuscript Submission

In 1970, The University of Manitoba Board of Governors and Senate approved a policy on accepting research grants from outside agencies. This policy defined the right of agencies to defer release of information and thus ensure freedom of publications for research findings of University personnel. Occasionally, the University may also wish to restrict the release of a thesis pending patent application. For additional details, see The University of Manitoba [Governing website](#).

This situation may arise in the two (2) circumstances defined below, both of which are governed by the same set of regulations:

1. Where a research project is known to contain patentable items as defined in the research contract, then it is the responsibility of the advisor/co-advisor to give written information of the restrictions on publication to the student prior to the start of the thesis research. If the student agrees to carry out the research, then the regulation given below will apply.
2. Where a patentable item is found during the course of research, then the advisor/co-advisor and the student may make application for patent rights through the University Patent Committee, and the following regulation will apply concerning the release of the thesis.

Regulations Concerning Release of a Thesis during Application and Negotiation for Patents

The Dean of the Faculty of Graduate Studies will receive the approved thesis. On written joint request of the advisor/co-advisor and the student, the Dean will retain the thesis for a period up to one (1) year.

Regulations Concerning Release of Thesis Pending Manuscript Submission

The Dean of the Faculty of Graduate Studies will receive the approved thesis. On written joint request of the advisor and the student, the Dean will retain the thesis for a period up to one (1) year.

In exceptional cases, not covered by the regulation concerning patents, where adequate causes can be shown to delay publication, the student and advisor/co-advisor may request in writing that the Dean of the Faculty of Graduate studies restrict access for a period up to one (1) year after submission of the digital version of a thesis or practicum to The University of Manitoba. The Dean shall determine for what period, if any, access will be restricted.

SECTION 79: Extension of Time to Complete Program of Study Content

All requests for extensions will normally be dealt with administratively and reported, in summary form, to the Executive Committee of Graduate Studies for information. The student must complete the "[Time Extension Request](#)" form and submit it to their major department/unit for recommendation to the Faculty of Graduate Studies **at least three (3), but no more than four (4), months** prior to expiration of the respective maximum time limit. Requests for an extension are reviewed by the Faculty of Graduate Studies on a case-by-case basis.

Requests for extension must be accompanied by a realistic detailed timeline that has been agreed to by the student and advisor/co-advisor and endorsed by the [Department/Unit Head](#). The extension time requested must closely reflect the time required to complete the program.

The normal time granted for extensions is four (4) to eight (8) months. More than one (1) extension period may be granted, however the total for all approved extensions will not normally exceed one (1) year.

Section 810: Leaves of Absence

For International Graduate Students:

To determine how applying for a Leave of Absence may affect your immigration status with Immigration, Refugees and Citizenship Canada, please consult with an International Student Advisor at

the International Centre prior to completing your "Leave of Absence" application with your department/unit.

810.1 Regular Leave

A regular leave is intended to allow students to meet responsibilities/plans related to family, travel or employment and circumstances not covered by the parental or exceptional leaves. At the student's request, the Department/Unit ~~Head-of-the-department/unit~~ may recommend to the Dean of the Faculty of Graduate Studies that a student be granted a leave of absence for a period of time not to exceed one (1) year. While on a regular leave of absence, a student must not be actively engaged in their program of study or thesis/practicum research work. A student on a regular leave of absence is required to maintain continuous registration. A student on a regular leave of absence will not be assessed program fees, if any are owing, during the period of the leave; however, the appropriate continuing fee will be assessed.¹ Any program fees deferred as a result of a regular leave will be assessed when the student returns from leave. A regular leave of absence status does not extend time limits to complete program of study as outlined in Faculty of Graduate Studies regulations.

Note: At the time of approval of an application for leave, the procedures for the return of the student to the department/unit at the completion of the leave must be stipulated.

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810.1.1 Program Fees: The continuing fee in effect at the time of the granting of the leave will be levied. However, if the student returns from leave in January, the normal tuition fee will be levied less the continuing fee already paid- (as determined by the Registrar's Office).

All applications for Leaves of Absence must be submitted on the "Leave of Absence" form.

810.2 Exceptional Leave

In exceptional circumstances for medical or compassionate reasons (e.g. the need to care for an ailing family member), at the request of the student, the Head of the department/unit may recommend to the Dean of the Faculty of Graduate Studies that a student be granted an exceptional leave of absence for a period of time not to exceed one (1) year. Supplemental documentation must support the requested dates of the leave. Exceptional leaves must correspond with the start and end of (an) academic term(s). While on an exceptional leave of absence, a student is not permitted to be engaged in their program of study or thesis/practicum work, and would not be required to maintain continuous registration or pay tuition fees. In addition, the leave period would not be included in the time period allowed for the completion of the degree. This leave does not cover circumstances related to travel, employment or financial concerns.

Note: At the time of approval of an application for leave, the procedures for the return of the student to the department/unit at the completion of the leave must be stipulated.

810.2.1 Fees

Program Fees: Students are not expected to pay fees for the term in which they have been granted an exceptional leave. Upon return from the exceptional leave, students will be assessed fees as determined by the Registrar's Office.

All applications for Leaves of Absence must be submitted on the "Leave of Absence" form.

810.3 Parental Leave

A graduate student who is expecting a child or who has primary responsibility for the care of an infant or young child immediately following a birth or adoption of a child is eligible for parental leave. The request for a parental leave should be made through the department/unit, to the Faculty of Graduate Studies for a period of time normally not to exceed one (1) year. Supplemental documentation must be submitted to support the requested dates of the leave. Parental leaves must correspond with the start and end of (an)

academic term(s). While on leave of absence for parental reasons, a student must not be actively engaged in their program of study or thesis/practicum work. The leave period is not included in the time period allowed for completion of the degree.

Note: At the time of approval of an application for leave, the procedures for the return of the student to the department/unit at the completion of the leave must be stipulated.

810.3.1 Fees

Program Fees: Students are not expected to pay fees for the term(s) in which they have been granted a parental leave. Upon return from the parental leave students will be assessed fees as determined by the Registrar's Office.

All applications for Leaves of Absence must be submitted on the "[Leave of Absence](#)" form.

810.4 Awards and Leave of Absence

Students granted an exceptional ~~or a parental~~ leave will retain the full value of a University of Manitoba Graduate Fellowship or other award whose terms and conditions are established by the Faculty of Graduate Studies. Such an award will be suspended at the onset of the leave and reinstated at the termination of the leave period (4 to 12 months) provided that the student returns to full time study at that time. Students granted an approved parental leave will have their UMFG extended for the time of the parental leave, no not to exceed one year. The UMFG Award Holder's Guide is available on the FGS Forms webpage.

Note: Other awards will be paid according to the conditions established by the donor or granting agency.

810.5 Graduate Student Vacation Entitlement

Students are entitled to 21 calendar days of vacation over a twelve (12) month period.

- For the purposes of calculating vacation entitlement, the academic year means the period from September 1 to August 31.
- Vacation entitlement will be prorated for the portion of the year in which a student is registered.
- Any vacation time taken during an official closure of the University is not included as part of the 21 calendar day vacation entitlement. In addition, attendance at academic conferences shall not be considered vacation time.
- Student vacation requests should have minimal impact on the student's research, coursework, and other obligations to the University. Any requests provided ahead of time and within these guidelines will not be unreasonably denied.
- Should a conflict arise between a student's vacation request and a supervisor's expectations, the Department/Unit Head (or designate) shall make a final determination.

SECTION 911: Appeals – Procedures and Guidelines

911.1 General

Students who disagree with a decision have access to appeal routes as laid out by various Faculty of Graduate Studies and University of Manitoba appeal procedures. Student appeals may be limited by the scope of the inquiry available at each level and category of appeal, as well as by the time restrictions for submission of appeals.

A further limitation is that the Faculty of Graduate Studies rules and regulations, established to uphold the academic rigour of the University of Manitoba, are generally not subject to appeal unless an appeal route is otherwise stipulated. In situations where no appeal route is available, a student may make a written request to the Dean of the Faculty of Graduate Studies.

Students are referred to the appeals section of the [University of Manitoba Governing Documents](#) for further details.

For students registered in Joint Master's Programs (University of Manitoba and University of Winnipeg), there is a different process for handling academic and disciplinary appeals cases than normally used for University of Manitoba students in regular programs (not Joint Programs). This process is outlined in the Joint Master's Program Governing Document.

911.2 Definitions

- “Appellant” – the graduate student appealing a decision affecting the student's own admission to, academic standing in, awards from or disciplinary action by a department/unit or the Faculty of Graduate Studies;
- “Appeal Panel” – a panel convened from the members of the Faculty of Graduate Studies Appeals Committee by the Executive Committee of the Faculty of Graduate Studies empowered to deal with appeals stemming from decisions of departments/units or the Faculty of Graduate Studies, or individuals designated to make such decisions;
- “Unit” – the department/unit council, or appeal body, whose decision is being appealed. This is understood to include decisions taken by individuals or committees acting in the name of the department/unit and also to the supplementary regulations pertinent to a department/unit's operation which have been approved by the Faculty of Graduate Studies;
- “Respondent” – a representative of the Faculty of Graduate Studies designated by the Dean of the Faculty of Graduate Studies to represent the Faculty of Graduate Studies. In this document, “Respondent” may also refer to a “Co-respondent” invited by the Respondent to represent the department/unit unless otherwise noted.

911.3 Types of Appeal

Several areas of appeal are available to appellants:

- admission;
- academic;
- discipline;
- administration (e.g. fee appeals).

In all cases, appeals should be addressed to the Dean of the Faculty of Graduate Studies. Appeals of decisions made by the Dean will be referred to an Appeal Panel [of the FGS Appeals Committee](#). A decision of the Faculty of Graduate Studies Appeal Panel is appealable only to the Senate Committee on Appeals or the University Discipline Committee, as appropriate. In all cases, an appellant shall have the option of being registered in, and undertaking the responsibilities of, their program, until such time as they have exhausted the university appeal process or the appellant decides not to appeal further, whichever comes first.

A flow chart of the University of Manitoba Appeals Processes is available at this [link](#).

911.4 Admission Appeals

Please refer to University of Manitoba Governing Documents: [Students: Policy: Admission Appeals Procedures and Guidelines](#).

911.5 Academic Appeals

Academic Appeals are appeals concerning academic decisions made by the department/unit and/or the Faculty of Graduate Studies.

911.5.1 Appeal Considerations

The Faculty of Graduate Studies will consider appeals:

- stemming from a decision of a department/unit on academic matters (e.g. first failure of a candidacy examination) only after they have been dealt with by the appropriate department/unit-level appeal process (if any), as is outlined in the department/unit supplementary regulations;
- stemming from a decision of the Faculty of Graduate Studies (e.g. Required to Withdraw) which may follow the recommended action of a department/unit.
- stemming from a negative decision from the Registrar's Office on a final grade or term work grade appeal.

In all cases, appeals should be addressed to the Dean of the Faculty of Graduate Studies.

A decision of the Appeal Panel is appealable only to the [Senate Committee on Appeals](#).

911.5.2 Composition of an Appeal Panel

Faculty members or students are disqualified from participating on an Appeal Panel if they:

- hold any academic appointment in the department/unit in which the appellant is registered;
- are/were a student in the department/unit in which the appellant is registered;
- were, as an individual, or as a member of a committee or board, responsible for making the decision being appealed.

Note: All members of an Appeal Panel shall participate in all of the deliberations essential for the determination of the matter in dispute. If, in the course of hearing an appeal, a member is not present at the commencement of the hearing or a member cannot continue, the Panel may elect to proceed in the absence of that member. If more than one (1) member is not present at the commencement or cannot continue, the Appeal Panel must adjourn the proceedings.

911.5.3 Grounds for an Academic Appeal

It shall be the responsibility of the appellant to indicate clearly and specifically the grounds warranting consideration of the appeal.

The Appeal Panel shall only consider an appeal if there is evidence that:

- the department/unit or the Faculty of Graduate Studies failed to follow the rules of natural justice;
- the department/unit or the Faculty of Graduate Studies failed to follow procedures;
- a department/unit or Faculty of Graduate Studies regulation has been unfairly or improperly applied, or has become inapplicable through lapse of time;
- there are documented mitigating circumstances (e.g. medical, compassionate);
- there is apparent conflict between a Senate Regulation, a Faculty of Graduate Studies policy and/or a department/unit regulation.

9.5.4 Academic Appeal Deadlines**911.5.4.1 Appeal of a Faculty of Graduate Studies Decision:**

An appeal of action taken by any department/unit, committee, administrator, or faculty member within the Faculty of Graduate Studies must be submitted in writing by the appellant to the Dean of the Faculty of Graduate Studies within fifteen (15) working days of the date that the appellant was informed in writing of the action to be appealed. [This is considered a first-level appeal.](#)

9.5.4.2 Appeals to Senate:

~~As per the University of Manitoba Governing Documents: Students: Policy: Appeals Procedures, appeals to the Senate Committee on Appeals shall be filed with the University Secretary within twenty (20) working days after the mailing of the notice of decision from which the appeal is made.~~

911.5.5 Faculty of Graduate Studies Academic Appeals Process

911.5.5.1 Submission of Appeal Package

The Appellant must submit an appeal package consisting of an appeal form, a letter outlining clearly explaining their grounds for appeal, a copy of the letter of decision from the last action/appeal level, a copy of all the documentation submitted to the last appeal level, if not a first-level appeal, and any relevant supporting documentation to the Faculty of Graduate Studies within the above timeframe. Incomplete appeals may not be considered.

Upon receipt of a formal appeal, the Dean of the Faculty of Graduate Studies may, at their discretion, consider the appeal or forward it to an Appeal Panel. If the Dean considers the appeal, the student shall be informed of the outcome in writing. ~~Decision letters are issued via email to the appellant's University of Manitoba email address. Hard copies of the letter will be made available upon request.~~

911.5.5.2 Faculty of Graduate Studies Appeals Committee

The appellant may appeal the Dean's decision to the Faculty of Graduate Studies Appeals Committee within fifteen (15) working days of the date of the letter of decision. This is considered a second-level appeal.

An Appeal Panel will be struck, and a videoteleconference meeting set by the Faculty of Graduate Studies to determine whether the appellant has grounds to proceed to a Hearing. If the Appeal Panel determines that the appellant has not substantiated their grounds for appeal, the matter will not proceed to a hearing. The Panel will notify the appellant and the Dean of Graduate Studies of their decision in writing. If the Appeal Panel determines that the appellant has substantiated their grounds for appeal, the appellant and the Dean of Graduate Studies will be notified and a hearing will be scheduled.

If it is determined that the appeal will proceed to a hearing, the Appeal Panel may request additional information, or of its own volition, call additional witnesses.

911.5.5.3 Hearing Procedures

The Faculty of Graduate Studies shall inform the appropriate ~~Department/Unit Head~~ (or designate) of the nature of the appeal and request that they accompany the Faculty of Graduate Studies respondent as a co-respondent at the hearing. The co-respondent will be requested to provide a letter responding to the appeal no later than fifteen (15) business days before the date of the hearing. The respondent will be requested to provide a letter addressed to the Chair of the Appeal Panel no later than ten (10) working days prior to the hearing.

The appellant shall be advised by the Dean of the Faculty of Graduate Studies of the right to appear in person or to be represented by a student advocate, a fellow student or other full-time member of the University community not receiving payment for appearing, or working for legal aid. It is highly encouraged that the student be represented by a student advocate. If the appellant wishes, one (1) member of their immediate family, and/or a lawyer, may be present, but only as silent observers (i.e., they cannot participate in the proceedings). Should an appellant's lawyer be present, so shall be a representative from the University of Manitoba's Legal Counsel. The Faculty of Graduate Studies must be notified of any persons accompanying the appellant at least ten (10) working days prior to the hearing, and at least twenty (20) working days prior to the hearing if a lawyer will be present.

The appellant, respondent, and appeal panel shall have the right to call witnesses to appear before the panel. Witnesses are to be made available for questioning only and will not be privy to the appeal documents or the hearing proceedings in which they are not involved. The appellant must indicate their witness request in their appeal letter. The respondent shall indicate their desire to invite a witness to the Chair of the Appeal Panel no later than five (5) business days after receiving notice that the appeal will

proceed to a hearing. It is the responsibility of the party calling witnesses to ensure that the witnesses are informed of the date and time of the hearing.

All documentation that the Appeal Panel will consider shall be made available through the Faculty of Graduate Studies to both the appellant and the respondent at least one (1) week in advance of the hearing with notification of the specific time and location of the hearing. **No additional materials should be presented at the time of the hearing.** In the case where a request is made to submit additional materials, the Chair may postpone the hearing and allow no more than ten (10) working days for the other party to respond to the new materials.

Hearings shall be held in closed session unless at least one (1) party requests an open hearing and all parties involved in the proceedings agree to the request. During the hearing, the appellant or the respondent may request a change in the open or closed nature of the hearing, at which time the Appeal Panel shall determine its procedures.

The Appeal Panel shall convene prior to the arrival of the appellant (and/or representative) and the respondent to discuss the order of proceedings and questions raised by the appeal documents.

The order of proceedings is as follows:

- The appellant and/or representative will be invited to make an opening statement, followed by rounds of questioning by the Panel and then the respondent;
- The respondent will be invited to make an opening statement, followed by rounds of questioning by the Panel and then the appellant and/or representative;
- The Panel will have the opportunity to ask further questions of all parties;
- If applicable, witnesses will be called upon to enter the room individually. The Panel, appellant and/or representative and respondent will have the opportunity to ask questions;
- The appellant and/or representative and respondent will make closing statements. No new information is permitted to be presented at this time;
- The Panel will deliberate in camera (i.e., closed session).

All parts of the meeting required by the Appeal Panel to deliberate or determine the disposition of the appeal shall be held in camera. Such deliberations shall take into account all documentation provided by the appellant and respondent, as well as all testimonies heard during the hearing.

911.5.5.4 Disposition

The Chair of the Appeal Panel shall inform the Dean of the Faculty of Graduate Studies in writing of the disposition of the appeal, the reasons for the decision, and any actions that may result. The Dean of the Faculty of Graduate Studies shall, in turn, inform the appellant, their representative, and the department/unit in writing of the disposition of the appeal, the reasons for the decision and any actions that may result. The appellant shall be informed of their right of appeal to the Senate Committee on Appeals, including relevant time limits. The Dean of the Faculty of Graduate Studies may inform the department/unit of any recommendations brought forward by the Appeal Panel.

11.5.6 Appeals to Senate:

As per the University of Manitoba Governing Documents: Students: Policy: Appeals Procedures, appeals to the Senate Committee on Appeals shall be filed with the University Secretary within twenty (20) working days after the mailing of the notice of decision from which the appeal is made.

911.6 Discipline Appeals

The specific jurisdiction of each of the Disciplinary Authorities is outlined in:

- Table 1: Jurisdiction of Disciplinary Authorities for Student Academic Misconduct
- Table 2: Jurisdiction of Disciplinary Authorities for Student Non-Academic Misconduct

- Table 3: Disciplinary Actions and Disciplinary Authorities

If the appeal is from a decision of the Dean of the Faculty of Graduate Studies, the appeal ~~must be submitted~~~~statement shall be delivered~~ to the Dean of the Faculty of Graduate Studies ~~who will submit it to on behalf of~~ the Faculty of Graduate Studies Local Discipline Committee (also commonly referred to as the “L.D.C.”)

If the appeal is from a decision of the L.D.C., the ~~appeal must be submitted~~~~official statement shall be delivered~~ to the Secretary of the University Discipline Committee (U.D.C.) ~~who will provide with a copy to~~ the Dean of the Faculty of Graduate Studies with a copy.

911.6.1 Discipline Appeal Deadlines

If a student wishes to appeal a decision, the notice of appeal must be delivered in writing to the appropriate person(s) within ten (10) working days of the student being notified of the decision the student intends to appeal.

911.6.2 Appeal of Disciplinary Action

When the appeal is against a disciplinary decision made by the Faculty of Graduate Studies, the appeal routes and procedures as outlined in the following shall prevail: Student Discipline Appeal Procedure.

The student shall clearly indicate in the notice of appeal whether they are appealing the decision on:

1. the finding of facts;
2. the disposition determined by the disciplinary authority; or
3. both (1) and (2).

911.7 Fee Appeals

Please refer to the Registrar's Office webpage on fee appeals. To initiate the Fee Appeal process, the student must complete a “Fee Appeal” form, available at the former link. For information about Fee Appeals, please visit the Registrar's Office online or in person at 400 University Centre.

911.8 Term Work Appeals

Students are encouraged to discuss matters relating to grading of term work with their instructor in the first instance. Further appeals of grades on academic term work shall be directed, by the appellant, to the department/unit responsible for the course within ten (10) working days after the grades for term work have been communicated to students. Following receipt of the appropriate appeal form and evidence of payment of the refundable appeal fee, the department/unit shall consider the appeal and provide a decision within fifteen (15) working days. Please refer to the Registrar's Office website for additional information.

If the student has exhausted the term work appeals process through the Registrar's Office, the student may appeal to the Faculty of Graduate Studies via the academic appeals process. The Faculty of Graduate Studies will only consider the appeal based on procedural error.

911.9 Final Grade Appeals

Please refer to the Registrar's Office webpage on grade appeals. To initiate the Grade Appeal process, the student must complete a “Grade Appeal” form, available at the former link. For information about Grade Appeals, please visit the Registrar's Office online or in person at 400 University Centre.

If the student has exhausted the final grade appeals process through the Registrar's Office, the student may appeal to the Faculty of Graduate Studies via the academic appeals process. The Faculty of Graduate Studies will only consider the appeal based on procedural error.

911.10 Assistance with Appeals

The Office of Student Advocacy & Case Management, 520 University Centre, provides information and assistance to students regarding all appeal processes. It is strongly recommended that students contact the Office of Student Advocacy & Case Management to assist them with any appeal they are considering.

APPENDIX 1: Thesis/Practicum Types

A student/candidate may present a thesis/practicum in one of two acceptable formats:

- Regular style
- Manuscript/grouped manuscript style

The type of thesis/practicum must be approved by the advisory committee and comply with all regulations of the Faculty of Graduate Studies and any supplementary regulations of the department/unit.

A1.0 Regular Style

A1.1 Prefatory Pages

A1.1.1 Title Page

The title page should contain the following information:

- the title of the thesis/practicum
- the name of the University
- the degree for which the thesis/practicum is submitted
- the name of the department/unit
- the full name of the author
- the copyright notation ©

The title must be a meaningful description of the content of the research. The author's name should be in full, identical to the name under which they are registered and be consistent on all other documents. A sample title page can be found on this [link](#).

A1.1.2 Abstract

The abstract is expected to provide a concise, accurate account of the thesis/practicum. ~~Recommended~~**Abstract maximum** length is 350 words. An abstract should contain a statement of the problem, methods, results, and conclusions.

A1.1.3 Acknowledgements

The content of this single page is left to the discretion of the author. For example, the page may make reference to the student/candidate's advisor/co-advisor and advisory committee, to other individuals who have provided invaluable assistance to the development of the thesis/practicum, and to sources of financial assistance or other support.

A1.1.4 Dedication

A single page pertaining to a dedication is allowed.

A1.1.5 Table of Contents

This must list and provide page references to all elements of the thesis/practicum. The numbering and formatting must be identical to the way the material appears in the text. Page numbers should be right justified. A sample table of contents can be found at this [link](#).

A1.1.6 List of Tables

This should immediately follow the Table of Contents and be of the same format. The list must include the number, name and page number of each table.

A1.1.7 List of Figures

This should immediately follow the List of Tables and be of the same format as the Table of Contents. The list must include the number, name and page number of each figure.

A1.1.8 List of Copyrighted Material

On occasion students/candidates include images, figures, photos and other materials from copyrighted sources. [Students must ensure that they have authorization to use copyright protected materials in their thesis under a Copyright Act exemption or with direct permission from the copyright holder. Written permission from the copyright holder is required. A list of Copyrighted Material](#) This should follow the List of Figures and follow the same format as the Table of Contents. For further information on copyright see this [link](#). <https://umanitoba.ca/graduate-studies/student-experience/thesis-and-practicum/before-you-start>

A1.2 Format

A1.2.1 Styles

The thesis/practicum should be written in a standard style manual that has been recommended by the department/unit. Manuals recommended by the Faculty of Graduate Studies include but are not limited to:

- American Psychological Association, Publication Manual of the American Psychological Association
- Kate L. Turabian, A Manual for Writers of Term Papers, Theses and Dissertations
- The Modern Language Association of America, MLA Handbook for Writers of Research Papers
- University of Chicago Press, The Chicago Manual of Style

Students should always use the latest edition available. If there is a conflict between the instructions in this guide and the style manual chosen, the former should be followed.

A1.2.2 Spelling

Canadian, British or American spelling is acceptable and, ~~but~~ one style must be used consistently throughout the document.

A1.2.3 Format

~~One and a half (1.5) or double space all text material; footnotes and long quotations may be single spaced. The entire thesis/practicum must be in the same text font, style, and size. Font size should be no less than 12pt Times Roman. Full justification of the text is not required.~~

A1.2.4 Margins

The margins must be consistent throughout the thesis/practicum (including appendices, diagrams, maps, photographs, charts, tables, etc.). It is imperative that the specified margins be observed throughout the thesis/practicum. Leave at least a one-inch (1.0") margin from the top, bottom, left, and right hand edges of the paper document. These margins apply to all material, including appendices, diagrams, maps, photographs, charts, tables, etc.

A1.2.5 Page Numbers

Each page ~~of~~ⁱⁿ the thesis/practicum (including illustrative pages and appendices) must be numbered consecutively. ~~Illustrative pages and appendices must also be numbered. Roman numerals should be used for the prefatory pages. The remaining pages of the thesis/practicum, beginning with the introduction (Chapter One) should be numbered consecutively in Arabic numerals.~~

A1.3 Footnotes, References and Appendices

Instructions in the style manual recommended by the department/unit should be followed. Regardless of which style manual is used, format selected must be consistent throughout the document.

A1.4 Figures, Illustrations, Photographs and Design Drawings

A1.4.1 Illustrative Material

All illustrative material must be consistent throughout the thesis/practicum. All figures, illustrations, photographs and drawings must be numbered consecutively in Arabic numerals and accompanied with a title. The material should appear as soon as possible after as it is mentioned in the text. All original materials should be of high quality, with sharp and clear images.

A1.4.2 Layout of Tables and Figures

Each table and figure must have a number and title. The number and title should appear at the top or bottom of the table or figure as per style. The title of the table or figure should be as short as possible and indicate the major focus of the material within the table or figure.

A1.5 Additional Materials

A1.5.1 Consent and Access to Information Forms

Sample copies of consent forms that were used to obtain consent from participants to take part in the information gathering procedures for the thesis/practicum must be included in an Appendix. Any personal information including signatures must be omitted from the submitted form to meet F.I.P.P.A. regulations.

In some cases, approval from an agency, institution or corporation may have been required before the information gathering procedures could proceed. The original approval form for access should be retained by the student with a copy provided to the Faculty of Graduate Studies upon completion of the thesis/practicum.

A1.5.2 Use of Copyrighted Material

If the thesis/practicum includes copyrighted material (such as images, figures or more than an reasonable-extract/substantial amount (according to the Copyright Act) of another person's work pursuant to the Copyright Act), students must determine whether there is authorization for reuse of material under the Copyright Act or if permission must be obtained from the copyright holder. A "Sample Permission Letter" is available on the Copyright Office website.

In some cases, copyright holders prefer to use their own permission forms and/or will provide their permission electronically. ~~Both of these are acceptable by the Faculty of Graduate Studies.~~

Note that obtaining permission may take a considerable amount of time and this must be taken into consideration when meeting a thesis/practicum submission deadline. A reference to written permission having been obtained ~~should~~must be included under the image or text. ~~The reference should also include the date the permission was granted, and the name/title of the copyright holder(s).~~ The original form(s) signed by the copyright holders should be retained by the student ~~as they made need to refer to it from time to time in future, with a copy provided to the Faculty of Graduate Studies at the completion of the thesis/practicum.~~ These forms do not need to be provided to the University of Manitoba and should not be included within the student's thesis/practicum.

~~The thesis/practicum cannot be accepted by the Faculty of Graduate Studies if permission has not been obtained. It is important that the student and their advisor(s) ensure that the permission has been granted.~~ In some cases where permission is required, the copyright holder cannot be located or the cost is prohibitive to using the text or image. In these situations, the text or image may have to be omitted from the thesis/practicum.

Subsequently, information on where the reader can locate the image or text should be included, such as the URL, title of book/journal, volume and issue number, page number, publisher, and date of publication. A description of the purpose or significance of the text or image should be provided.

For further information on copyright see:

http://umanitoba.ca/admin/vp_admin/ofp/copyright/index.htmlcopyright

A2.0 Manuscript/Grouped Manuscript Style

A thesis/practicum may comprise a paper, or collection of papers, which are, or are about to be, published. The number of papers that comprise this style of thesis/practicum will be determined between the student and the advisory committee. The formatting of the thesis/practicum must be consistent throughout the thesis/practicum and the thesis/practicum cannot merely consist of several papers or articles ~~bound/contained~~ within the one document.

Publication, or acceptance for publication, of research results prior to the presentation of the thesis/practicum does not supersede the evaluation of the work by the examination committee (*i.e.* does not guarantee that the thesis/practicum will be found acceptable). Examiners may specify revisions regardless of the publication status.

The thesis/practicum must follow the same prefatory information (1.1), spelling, formatting, margin requirements, page numbering (1.2), footnotes and appendices (1.3), figures, illustrations photographs and drawings (1.4) and any additional material (1.5) as those outlined above.

There must be an introductory chapter to the entire thesis/practicum that precedes any of the papers~~includes its own bibliography~~. The ~~collection of papers or articles~~ must contribute toward the overall theme that represents the thesis/practicum work and must be smoothly integrated into the flow of the thesis/practicum to produce a unified document. This may require changes or additions to, and re-writing of, any work that has been previously published.

The ~~thesis/practicum introductory chapter~~ must explain/contain the connection~~ing text~~ between the different chapters. This provides a logical link~~s of to allow~~ the integration of the information. These connecting sections are mandatory. Not including an explanation of how the chapters connect~~these sections~~ may compromise the ability of the examiners to evaluate the thesis/practicum and, accordingly, there may be subsequent consequences.

The thesis/practicum must contain a concluding chapter that includes a discussion on how the entirety of the thesis/practicum, with its findings, provides a distinct contribution to knowledge in the research area.

In the case of multi-authored papers, the nature and extent of the student/candidate's contribution, and those of the other authors, must be explicitly specified in a section of the thesis/practicum entitled "Contributions of Authors" ~~in the "Preface" of the thesis/practicum. The advisor/co-advisor, by signing the thesis/practicum submission form, attests to the accuracy of these statements and will be asked to reaffirm these statements at the oral defence in the case of a doctoral thesis.~~

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Asper School of Business.

Observations

1. The **Asper School of Business** proposes MBA admission supplementary regulation changes. These include establishing some GMAT waiver criteria for University of Manitoba graduates (and CPA holders) applying to the MBA. Details included in cover letter provided by the unit.

The Asper School of Business also proposes M.Fin. and MSCM supplementary regulation changes. These include establishing some GMAT waiver criteria in both programs, and in the MSCM program only, correcting a course that was listed as the eligible course for exemption from MSC1 7140: the correct course should be MSC1 2150 (not SCM 4250). Details included in cover letters provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Asper School of Business

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

November 1, 2021

To: Dr. Kelley Main, Acting Dean, Faculty of Graduate Studies
From: Dr. Suzanne Gagnon, Associate Dean, Professional Graduate Programs, Asper
School of Business
Re: Updates to Supplemental Regulations - Master of Business Administration

Dear Dr. Main,

The Faculty Council of the Asper School of Business has approved some edits to the supplemental regulations for the MBA program and I submit these to you here, for Faculty of Graduate Studies and Senate (if required) approval. The attached document shows the edits via track changes. The key edits are around establishing some GMAT waiver criteria for UM graduates (and CPA holders) applying to the MBA:

- 1) MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Comm. in the last 5 years would be exempt from the GMAT/GRE requirement.
- 2) MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Sc. in the last 5 years and have a grade of B+ or higher in Math 1230, 1500, 1501, 1510, 1520 or 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in Statistics 1000, 1001 or 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.
- 3) MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Sc. in Engineering in the last 5 years and have a grade of B+ or higher in ENG 3000 and a grade of B+ or higher in Math 1230, 1500, 1501, 1510, 1520 or 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in Statistics 1000, 1001 or 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.
- 4) MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.A. in the last five years and have a grade of B+ or higher in two of ECON 2010, 2030, 3010, 3020 and have a grade of B+ or higher in Math 1230, 1500, 1501, 1510, 1520 or 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in Statistics 1000, 1001 or 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.

- 5) MBA applicants who hold the CPA designation (CPA Canada) or the CFA designation, are in good standing with their professional body, and have been practicing in their respective field for the past two years or longer would be exempt from the GMAT/GRE requirement.

Please accept my request for approval of these edits along with the updated supplemental regulations attached here. I look forward to learning of the approval of these edits in the near future.

Sincerely,



Dr. Suzanne Gagnon
Associate Dean, Professional Graduate Programs and Executive Education
Canada Life Chair and Director, James W. Burns Leadership Institute
Associate Professor of Leadership and Organization

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<p>1.1.10 Admission Tests</p> <p>Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the supplementary regulations of the particular department/unit, and if required, the scores must be submitted at the time of application.</p>	<p>b) immediate summer/part-time employment supervisor(s).</p> <p>For admission to the Asper School of Business MBA program, applicants must provide a GMAT or GRE score. A score above 550 is preferred (or equivalent GRE score). No student scoring below 500 on the GMAT (or equivalent GRE) will be considered for admission.</p> <p><u>MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Comm. in the last 5 years would be exempt from the GMAT/GRE requirement.</u></p> <p><u>MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Sc. in the last 5 years and have a grade of B+ or higher in MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1520 or MATH 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in STAT 1000, STAT 1001 or STAT 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.</u></p> <p><u>MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.Sc. in Engineering in the last 5 years and have a grade of B+ or higher in ENG 3000 and a grade of B+ or higher in MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1520 or MATH 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in STAT 1000, STAT 1001 or STAT 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.</u></p> <p><u>MBA applicants with a degree GPA of 3.5 or higher who have graduated from the University of Manitoba with a B.A. in the last five years and have a grade of B+ or higher in two of ECON 2010, ECON 2030, ECON 3010, ECON 3020 and have a grade of B+ or higher in MATH 1230, MATH 1500, MATH 1501, MATH 1510, MATH 1520 or MATH 1690 or another course in calculus with permission of the Asper School of Business MBA Admissions Committee and a grade of B+ or higher in STAT 1000, STAT 1001 or STAT 1150 or another course in statistics with permission of the Asper School of Business MBA Admissions Committee would be exempt from the GMAT/GRE requirement.</u></p>

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	<p><u>MBA applicants who hold the CPA designation (CPA Canada) or the CFA designation, are in good standing with their professional body, and have been practicing in their respective field for the past two years or longer would be exempt from the GMAT/GRE requirement.</u></p>
<p>1.1.11 Entrance Requirements</p> <p>The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) or equivalent in the last two (2) previous years of full time university study (60 credit hours).</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>See section 4.2 for Asper School of Business MBA admission requirements and procedures.</p>
<p>1.1.12 Eligibility of University of Manitoba Staff Members</p> <p>A staff member at The University of Manitoba at the rank of Assistant Professor or above is not eligible to apply for admission to a graduate program in the department/unit in which the appointment is held.</p>	
<p>1.2 Registration Procedures</p> <p>1.2.1 Registration</p> <p>Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of <u>GRAD 7500</u>, unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate. See <u>General Regulations - Pre-Master's</u> for additional information.</p> <p>Undergraduate students may be permitted to register in 7000-level courses or above on recommendation of the department/unit offering the graduate course, subject to the conditions listed below.</p> <ul style="list-style-type: none"> Undergraduate students must obtain permission from the department/unit head and course instructor before registering for a graduate course. Only undergraduate students completing an undergraduate degree at the University of Manitoba are eligible to enroll in a graduate course. Undergraduate students are not eligible for admission to any graduate course that is cross-listed with an undergraduate course, or that is scheduled to be taught at the same time and location as an undergraduate class. Undergraduate students will only be eligible to receive graduate-level credit for a course designated as 7000-level or above if at least 75% of the students registered in the course are graduate students. Undergraduate students who complete a graduate course are not guaranteed admission to a graduate program. <p>On admission to a graduate program at the University of Manitoba, application may be made to the Faculty of Graduate Studies to apply any previously completed graduate courses toward meeting program requirements, subject to the restrictions listed below.</p> <ul style="list-style-type: none"> No more than 50% of the coursework required in a graduate program may be imported. Only courses in which a C+ grade or higher, or the minimum grade required by the program to which the course would be applied, are eligible to be considered towards meeting the requirements of any graduate program. 	<p>Course registration is administered by the Asper School of Business Graduate Program Office, with oversight provided by the MBA Graduate Program Chair (Associate Dean) and the Graduate Program Manager.</p> <p>Registration in the Individual Interdisciplinary Studies concentration must be approved by the MBA Program Committee or Committee designate(s). A student will declare a concentration or theme by the last term in the program.</p>

November 1, 2021

To: Dr. Kelley Main, Acting Dean, Faculty of Graduate Studies
From: Dr. Suzanne Gagnon, Associate Dean, Professional Graduate Programs, Asper School of Business
Re: Updates to Supplemental Regulations - Master of Finance and Master of Supply Chain Management

Dear Dr. Main,

The Faculty Council of the Asper School of Business has approved some edits to the supplemental regulations for the MSCM and MFin programs and I submit these to you here, for Faculty of Graduate Studies and Senate (if required) approval. The attached documents show the edits via track changes. The key edits are:

1) in section 1.1.10 of the supplemental regulations for both the Masters in Supply Chain Management (MSCM) and Masters of Finance (MFin), both programs currently allow some GMAT waivers based on previously completed course work, as long as the course work was completed in the last five years before beginning the program - we propose to relax the 5 year rule in cases where it is evident that the applicant is currently working in a professional role that makes substantial use of the knowledge earned in those courses. The Admissions Committee will have the discretion to extend the 5-year rule in cases it sees fit.

2) in the MSCM regulations only, an error was found in section 4.3.2 where we listed two undergrad courses that allow for some course exemptions - the course SCM 4250 was listed as the eligible course for exemption from MSC1 7140 - the correct course should have been listed as MSC1 2150 - the error has been corrected in the attached.

Please accept my request for approval of these edits along with the updated supplemental regulations attached here. I look forward to learning of the approval of these edits in the near future.

Sincerely,



Dr. Suzanne Gagnon
Associate Dean, Professional Graduate Programs and Executive Education
Canada Life Chair and Director, James W. Burns Leadership Institute
Associate Professor of Leadership and Organization

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University of Manitoba students are not required to submit University of Manitoba transcripts.	
<p>1.1.7 Proficiency in English</p> <p>A successfully completed English Language Proficiency Test from the approved list is required of all applicants unless they have received a secondary school diploma and/or university degree from Canada or one of the countries listed on the English Language Proficiency Test Exemption List (see 1.1.8). The Faculty of Graduate Studies requires a passing, acceptable English Language Test score in order to offer admission. Please note: In all cases, test scores older than two (2) years (from the time of completing the test) are invalid.</p> <p>Thresholds required for successful completion are indicated in parentheses.</p> <ul style="list-style-type: none"> • Test of English as a Foreign Language (TOEFL) Internet based -iBT® (86; minimum score of 20 in each of reading, writing, listening and speaking categories). The “best score” will not be considered for admission. Only individual test scores will be used to meet the minimum requirements. • Canadian Test of English for Scholars and Teachers (CanTEST®) (band 4.5 in listening and reading and band 4.0 in writing and oral interview) • International English Language Testing System (IELTS™) (6.5 in the Academic Module) • Academic English Program for University and College Entrance (AEPUCE) (65%) • PTE Academic (61% overall) <p>Note:</p> <p>In addition, foreign language students may be asked by the department/unit to complete the CanTEST prior to or following registration in the Faculty of Graduate Studies and, if need be, the department/unit may recommend remedial measures in language skills based on the results of the CanTEST. Some units may require a specific test or test scores greater than those indicated above. Students should check department/unit supplementary regulations for details.</p>	Applicants submitting an IELTS score must have a minimum score of 6.0 on the Speaking band of the test.
<p>1.1.8 English Language Proficiency Test Exemption List</p> <p>Applicants holding secondary school diplomas and/or recognized university degrees from countries on the Faculty of Graduate Studies English Language exemption list are not required to submit an English Language Proficiency score. For more information please see our website.</p>	
<p>1.1.9 Letters of Recommendation</p> <p>Letters of Recommendation are to be completed via the online application. Recommendation letters submitted via post or email are not accepted. Applicants are required to add their ‘Recommendation Provider(s)’ contact information so that each recommender is sent an automated email notification.</p> <p>Generally, two (2) Letters of Recommendation must be submitted to the Faculty of Graduate Studies. For the number of recommendation letters necessary, applicants should review their specific Graduate programs of study website.</p>	Each applicant will submit two academic reference letters written by past professors, not professional, who are familiar with the applicant’s academic performance.
<p>1.1.10 Admission Tests</p> <p>Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the supplementary regulations of the particular department/unit, and if required, the scores must be submitted at the time of application.</p>	For admission to the Master of Finance program, applicants must provide results of a graduate aptitude test, preferably the Graduate Management Admissions Test (GMAT), with a minimum score of 550. The GRE will be accepted with a percentile score across its components similar to the current acceptable percentile level of the GMAT. The percentile score on the

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	<p>quantitative section of the GMAT or GRE examinations must be at the 60th percentile or higher. GMAT and GRE scores must not be older than five years.</p> <p>GMAT or GRE scores are not required for those applicants who have successfully completed a bachelor degree in any field of study from the University of Manitoba with a minimum 3.25 GPA and who have also:</p> <ul style="list-style-type: none"> • <u>Completed FIN 2200 (Corporate Finance) at the Asper School of Business with a minimum grade of B+ within the last five years from the term of admission. If FIN 2200 is completed beyond five years from the term of admission, it may be counted, if the applicant can demonstrate, to the satisfaction of the Admissions Committee, that they have been working in a professional role that makes substantial use of this knowledge.</u> <p><u>Or</u></p> <ul style="list-style-type: none"> • <u>Achieved an average 3.5 GPA across any four Asper School of Business finance courses counting toward the finance major requirements, with all four courses completed within the last five years from the term of admission. If courses are completed beyond five years from the term of admission, they may be counted, if the applicant can demonstrate, to the satisfaction of the Admissions Committee, that they have been working in a professional role that makes substantial use of this knowledge.</u> <ul style="list-style-type: none"> • Completed FIN 2200 (Corporate Finance) at the Asper School of Business with a minimum grade of B+ within the last five years from the term of admission <p>Or</p> <ul style="list-style-type: none"> • Achieved an average 3.5 GPA across the four Asper School of Business finance courses counting toward the finance major requirements, with all four courses completed within the last five years from the term of admission <p>Also, applicants holding a CPA designation or those who have successfully passed the CFA Level 1 examination are not required to submit with their application a GMAT or GRE score.</p>
<p>1.1.11 Entrance Requirements</p> <p>The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) or equivalent in the last two (2) previous years of full time university study (60 credit hours).</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>See section 4.2 for Masters of Finance admission requirements and admission procedures.</p>
<p>1.1.12 Eligibility of University of Manitoba Staff Members</p>	

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<p>1.1.6 Transcripts: University of Manitoba</p> <p>University of Manitoba students are not required to submit University of Manitoba transcripts.</p>	
<p>1.1.7 Proficiency in English</p> <p>A successfully completed English Language Proficiency Test from the approved list is required of all applicants unless they have received a secondary school diploma and/or university degree from Canada or one of the countries listed on the English Language Proficiency Test Exemption List (see 1.1.8). The Faculty of Graduate Studies requires a passing, acceptable English Language Test score in order to offer admission. Please note: In all cases, test scores older than two (2) years (from the time of completing the test) are invalid.</p> <p>Thresholds required for successful completion are indicated in parentheses.</p> <ul style="list-style-type: none"> • Test of English as a Foreign Language (TOEFL) Internet based -iBT® (86; minimum score of 20 in each of reading, writing, listening and speaking categories). The “best score” will not be considered for admission. Only individual test scores will be used to meet the minimum requirements. • Canadian Test of English for Scholars and Teachers (CanTEST®) (band 4.5 in listening and reading and band 4.0 in writing and oral interview) • International English Language Testing System (IELTS™) (6.5 in the Academic Module) • Academic English Program for University and College Entrance (AEPUCE) (65%) • PTE Academic (61% overall) <p>Note:</p> <p>In addition, foreign language students may be asked by the department/unit to complete the CanTEST prior to or following registration in the Faculty of Graduate Studies and, if need be, the department/unit may recommend remedial measures in language skills based on the results of the CanTEST. Some units may require a specific test or test scores greater than those indicated above. Students should check department/unit supplementary regulations for details.</p>	<p>Applicants submitting an IELTS score must have a minimum score of 6.0 on the Speaking band of the test.</p> <p>The Asper School of Business reserves the right to conduct interviews with applicants to verify their English language proficiency.</p>
<p>1.1.8 English Language Proficiency Test Exemption List</p> <p>Applicants holding secondary school diplomas and/or recognized university degrees from countries on the Faculty of Graduate Studies English Language exemption list are not required to submit an English Language Proficiency score. For more information please see our website.</p>	
<p>1.1.9 Letters of Recommendation</p> <p>Letters of Recommendation are to be completed via the online application. Recommendation letters submitted via post or email are not accepted. Applicants are required to add their 'Recommendation Provider(s)' contact information so that each recommender is sent an automated email notification.</p> <p>Generally, two (2) Letters of Recommendation must be submitted to the Faculty of Graduate Studies. For the number of recommendation letters necessary, applicants should review their specific Graduate programs of study website.</p>	<p>Each applicant will submit two (2) academic reference letters written by past professors, not professionals, who are familiar with the applicant's academic performance.</p>
<p>1.1.10 Admission Tests</p> <p>Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the supplementary regulations of the particular</p>	<p>For admission to the Master in Supply Chain Management and Logistics program, applicants must provide results of a graduate aptitude test, preferably the Graduate Management Admissions Test (GMAT), with a minimum score of 550. The GRE will be accepted with a percentile score</p>

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<p>department/unit, and if required, the scores must be submitted at the time of application.</p>	<p>across its components similar to the current acceptable percentile level of the GMAT. The percentile score on the quantitative section of the GMAT or GRE examinations must be at the 60th percentile or higher. GMAT and GRE scores must not be more than five years old.</p> <p>GMAT or GRE scores are not required for those applicants who have successfully completed a bachelor degree in any field of study from the University of Manitoba with a minimum 3.25 GPA and who have also:</p> <p><u>Achieved an average 3.5 GPA across any four Asper School of Business supply chain management courses counting toward the supply chain major requirements, with all four courses having been completed within the last five years from the term of admission. If courses are completed beyond five years from the term of admission, they may be counted, if the applicant can demonstrate, to the satisfaction of the Admissions Committee, that they have been working in a professional role that makes substantial use of this knowledge.</u></p> <p>• Achieved an average 3.5 GPA across the four Asper School of Business supply chain management courses counting toward the supply chain major requirements, with all four courses having been completed within the last five years from the term of admission</p>
<p>1.1.11 Entrance Requirements</p> <p>The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) or equivalent in the last two (2) previous years of full time university study (60 credit hours).</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>See section 4.2 for Master in Supply Chain Management and Logistics admission requirements and admission procedures.</p>
<p>1.1.12 Eligibility of University of Manitoba Staff Members</p> <p>A staff member at The University of Manitoba at the rank of Assistant Professor or above is not eligible to apply for admission to a graduate program in the department/unit in which the appointment is held.</p>	
<p>1.2 Registration Procedures</p> <p>1.2.1 Registration</p> <p>Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of GRAD 7500, unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate. See <u>General Regulations - Pre-Master's</u> for additional information.</p> <p>Undergraduate students may be permitted to register in 7000-level courses or above on recommendation of the department/unit offering the graduate course, subject to the conditions listed below.</p> <ul style="list-style-type: none"> Undergraduate students must obtain permission from the department/unit head and course instructor before registering for a graduate course. 	<p>Course registration is administered by the Asper School of Business Graduate Program Office. Master in Supply Chain Management and Logistics students do not have access to their own online registration.</p>

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<p>minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. A comprehensive examination is required for some course-based programs.</p>	<p>The Master in Supply Chain Management and Logistics is a 48-credit hour program that includes the following mandatory courses:</p> <ol style="list-style-type: none"> 1 - GMGT7220 - Managing People in Organizations (3 credit hours) 2 - IDM7120 - Executive Leadership and Responsibilities (3 credit hours) 3 - GMGT7350 - Negotiations (3 credit hours) 4 - MSCI 7140 - Quantitative Analysis (3 credit hours) 5 - OPM 7300 - Business Processes Management (3 credit hours) 6 - OPM 7170 - Project Management (3 credit hours) 7 - OPM 7120 - Operations and Supply Chain Management (3 credit hours) 8 - SCM 7012 - Global Transportation Principles (3 credit hours) 9 - OPM 7180 - Sustainable Lean Management (3 credit hours) 10 - SCM 7040 - Logistics Management (3 credit hours) 11 - SCM 7042 - Purchasing and Procurement in Supply Chains (3 credit hours) 12 - SCM 7044 - Supply Relationship Management (3 credit hours) 13 - OPM 7300 - Recent Development in Supply Chain Management (3 credit hours) 14 - SCM 7046 - Sustainable Supply Chain Management (3 credit hours) 15 - SCM 7048 - Advanced Supply Chain Management (3 credit hours) 16A - SCM 7050 - Co-op in Supply Chain Management and Logistics (3 credit hours) OR 16B - SCM 7052 - Applied Project in Supply Chain Management and Logistics (3 credit hours) <p>Master in Supply Chain Management and Logistics students will take either SCM7050 (Co-op Option) or SCM7052 (Applied Project Option). Students will receive individualized mentoring from expert Faculty members within the subject matter (i.e., Department of Supply Chain Management) during their entire Co-op and Applied Project courses.</p> <p>The Co-op work term (SCM 7050) will normally take place following completion of all courses (after 45 credit hours). In exceptional cases and when feasible and approved by the Associate Dean (Professional Programs) and agreed upon by the student (with full understanding of the timing and graduation implications for the student), this requirement may be completed after the</p>

student has completed 24 credit hours of courses. Students can apply to the Co-op work term (SCM 7050) at the Asper School of Business Co-operative Education Program's online portal.

Entrance into the Co-op stream is competitive and not all applicants are guaranteed to participate. Criteria for admission to the Co-op stream include GPA (minimum 3.25), and evaluation of a written application and interview to ensure applicants possess motivation, communication skills, commitment, and the potential to represent the Asper School of Business in a mature and professional manner. If a Co-op student is unsuccessful in securing a job, the student's contribution to and continuance in the Co-op Program will be discussed on an individual basis between the student and the Co-op Program Director.

All courses are required, unless the student is eligible for an exemption as per the exemption policy below. This determination is made by the Associate Dean Professional Programs after consultation with relevant faculty.

Exemptions are available only to students who have graduated from the Asper B.Comm. (Hons.) program and/or the Asper MBA program.

A maximum of six (6) credit hours of exemptions are possible for the following courses if the equivalent course(s) were completed with a grade of B+ or higher in the Asper B.Comm. (Hons.) program within five years of starting the Master in Supply Chain Management and Logistics program:

- ~~MSCI 2150~~~~SCM 4250~~ (Introduction to Management Sciences~~Advanced Issues in SCM~~ – 3 credit hours) equivalent to MSCI 7140 (Quantitative Analysis – 3 credit hours)
- SCM 3360 (Supply Chain Logistics – 3 credit hours) equivalent to SCM 7040 (Logistics Management – 3 credit hours)

Asper School of Business MBA program graduates with a non-Supply Chain major are eligible for a maximum of nine (9) credit hours of exemptions for the following courses if completed with a grade of B or higher within five years of starting the Master in Supply Chain Management and Logistics program:

- GMGT7220 (Managing People in Organizations – 3 credit hours)
- IDM7120 (Exec. Leadership and Responsibilities – 3 credit hours)
- GMGT7350 (Negotiations – 3 credit hours)

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Dept. of Earth Sciences.

Observations

1. The **Dept. of Earth Sciences** proposes M.Sc. and Ph.D. supplementary regulation and degree name changes.

The supplementary regulation changes include the removal of the requirement to complete GEOL 7200 in the M.Sc. and Ph.D., changes to the format of the Ph.D. Candidacy Examination, and a reduction in credit hours in the Ph.D.: where a student is admitted with a Master's, minimum credit hours are reduced from 15 to 12 CH; where a student is admitted without a Master's, minimum credit hours are reduced from 21 to 15 CH.

The department proposes that the M.Sc. in Geological Sciences and the Ph.D. in Geological Sciences be changed to M.Sc. in Earth Sciences and Ph.D. in Earth Sciences, respectively, to be commensurate with the department's name change already approved by Senate.

Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Dept. of Earth Sciences

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

January 31, 2022

MEMO

To: Faculty of Graduate Studies
From: The Department of Earth Sciences

Dear Drs. Main and Kirkland,

The following are the supplemental regulations that we wish to change for the Department of Earth Sciences. These changes were voted on during our Departmental Council meeting on November 18, 2021. The vote was unanimous in favor of these changes. In addition, we wish to change the name of our graduate degree to match the name change for our department.

These changes are necessary to update, streamline and clarify the regulations and processes for advisors and students. Changes to the MSc and PhD programs (see below) are more in-line with other programs at the University of Manitoba (e.g., Chemistry) and other Earth Science programs (e.g., Univ. Saskatchewan, UBC, Univ. Calgary and Univ. Toronto). Our supplemental regulations streamline our PhD program without diluting the quality, and allow the student to be much more productive during their tenure in the program (more research and time to write papers); two increasingly important activities for the student to gain employment in the public or academic sectors upon completing their degree requirements.

1. ES supplemental regulations (sections 4.4.1 and 5.4)-Program requirements:

Current regulations: *Geol 7200 is a required graduate course for both MSc and PhD students.*

New regulations: Delete Geol 7200 because this course no longer meets our graduate program's needs, which has shifted from a strictly geology program to a more diverse program that includes environmental mineralogy and geochemistry, and biology. More graduate students are entering our graduate program from other disciplines such as chemistry, biology and geography. This shift in our program reflects the research programs that our new faculty hires have started. This required course will not impact library holdings or space allocations. We are developing a graduate scientific writing course that will replace GEOL 7200. Starting Fall 2022, students will be required to replace GEOL 7200 with another 3-credit course that is recommended by their advisory committee.

2. ES supplemental regulations (section 5.8)-PhD candidacy exam:

Current regulations: *Format of the Examination: The examination will be conducted over the course of one day. It will consist of a written examination of three hours duration in the morning on topics in the area of the research program, a break of two hours, and an oral examination of two hours duration in the afternoon on topics defining the breadth of the student's knowledge in the Earth sciences.*

The examination on the area of the research program will consist of questions in two discipline areas of

the student's research and be at the level of Ph.D. research. The examination of the student's breadth of knowledge will consist of questions in three subject areas peripheral to, but relevant to, the research area and be at the senior undergraduate level. The questions for the written examination are set by the Advisory Committee and reviewed by the Graduate Chair. The subject areas for the examinations will be defined by the Advisory Committee immediately following the thesis proposal and reviewed by the Graduate Chair.

New Regulations: Format of the Examination: The examination will consist of an oral examination (max 3hrs) on three topics relevant to the student's research, covering techniques and background specific to the student's work as well as the broader relevant literature. The subject areas for the examinations will be defined by the Advisory Committee, and reviewed and approved by the Graduate Chair. The Graduate Chair may provide comments to the committee regarding the topics, prior to distribution to the student. The topics will be provided to the student 4 weeks prior to the examination.

The student's responses to questions in each topic will be evaluated by the committee, giving a rating of: exceeds expectations (pass), meets expectations (pass), does not meet expectations (fail). The student must pass all three topics. The committee's comments and evaluation will be recorded and kept on file by the advisor.

3. ES supplemental regulations (section 5.4)-Course load for PhD:

Current regulations:

The Department of Earth Sciences requires that where admission to the Ph.D. program is directly from a Master's degree a thesis plus the following is required for a total of a minimum of 15 credit hours:

- GEOL 7200 Earth Systems of Central Canada (3),
- GEOL 7760 Seminar in Geological Sciences (3),

a minimum of 9 additional credit hours (minimum 6 at the 7000 level, maximum 3 at the 3000 or 4000 level)

In the case of admission to the Ph.D. without a Master's degree, a thesis plus the following is required for a total of a minimum of 21 credit hours:

- GEOL 7200 Earth Systems of Central Canada (3),
- GEOL 7760 Seminar in Geological Sciences (3),

a minimum of 15 additional credit hours (minimum 12 at the 7000 level, maximum 3 at the 3000 or 4000 level)

New Regulations:

The Department of Earth Sciences requires that where admission to the Ph.D. program is directly from a Master's degree a thesis plus the following is required for a total of a minimum of 12 credit hours:

- GEOL 7760 Seminar in Geological Sciences (3),

a minimum of 9 additional credit hours (minimum 6 at the 7000 level, maximum 3 at the 3000 or 4000 level)

In the case of admission to the Ph.D. without a Master's degree, a thesis plus the following is required for a total of a minimum of 15 credit hours:

- GEOL 7760 Seminar in Geological Sciences (3),

a minimum of 12 additional credit hours (minimum 9 at the 7000 level, maximum 3 at the 3000 or 4000 level)

4. Degree name change:

We would to change or graduate degree name from Geological Sciences to Earth Sciences

Please do not hesitate to contact me, if you have any questions.

Thank you,

A handwritten signature in blue ink, appearing to read 'Mostafa Fayek', with a stylized flourish at the end.

Mostafa Fayek
Distinguished Professor and Grad Chair, Department of Geological Sciences
Director, Earth Materials and Archaeometry Center (EMAC)

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>A summary of all action taken administratively is to be reported to the Faculty of Graduate Studies Executive Committee.</p>	
<p>SECTION 4: General Regulations: Master's</p> <p>4.1 General</p> <p>Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the following link), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion. Individual departments/units may offer Master's programs by one or more of the following:</p> <ul style="list-style-type: none"> • Thesis/practicum-based; • Course-based; • Comprehensive Exam; • Project; • Accredited Professional; • Major research paper. 	
<p>4.2 Admission</p> <p>Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:</p> <ul style="list-style-type: none"> • Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from: <ul style="list-style-type: none"> ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies. • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see General Regulations - Pre-Master's); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>The normal entry requirement is the equivalent of an Honours B.Sc. degree in GeologicalEarth Sciences from the University of Manitoba. Students with honours degrees in related disciplines (such as Geography, Soil Science, Biology, Chemistry, Environmental Science, Physics, Mathematics, Engineering Physics, and GeologicalEarth, Civil and Electrical Engineering) may be accepted by the Graduate Admissions Committee providing their planned degree program involves studies in the geologicalEarth sciences. The majority of the required courses taken by the student should normally be from the Department of Earth Sciences. The research should also be in the geologicalEarth sciences.</p>
<p>4.3 Program Requirements</p> <p>In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. Any single course cannot be used for credit toward more than one program.</p>	

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<p>4.3.1 Thesis/Practicum Route</p> <p>A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	<p><u>The Thesis Route requires a thesis plus a minimum of 9 credit hours which includes:</u></p> <ul style="list-style-type: none"> • GEOL 7200 Earth Systems of Central Canada (3), • GEOL 7760 Seminar in Geological Sciences (3), • a minimum of <u>3-6</u> additional credit hours of approved courses at the 7000 level, and <p>Depending on the student's background and needs, the Advisory Committee may assign additional courses at the 3000 level or above.</p>
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. A comprehensive examination is required for some course-based programs.</p>	<p>There is no comprehensive examination route available.</p>
<p>4.3.3 Accredited Professional Route</p> <p>The credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check department/unit supplementary regulations regarding this requirement.</p>	
<p>4.3.4 Language Requirements</p> <p>Some department/units specify a language requirement for the Master's degree. Students should check department/unit supplementary regulations regarding this requirement.</p>	<p>There is no second language requirement.</p>
<p>4.3.5 Advanced Credit</p> <p>Advance credit for courses completed prior to admission to a Master's program will be considered on a case-by-case basis. The student's department/unit must make a request to the Faculty of Graduate Studies by completing the "<u>Recommendation for Advance Credit-Transfer of Courses</u>" form.</p> <ul style="list-style-type: none"> • Application for advance credit must be made within the first year of the program (see <u>Lapse or Expiration of Credit of Courses</u>). • No more than 50% of the required coursework for the program can be achieved using advance credit. • A course may not be used for credit toward more than one (1) degree, diploma, or certificate. • The student must register at The University of Manitoba for at least two (2) terms within a single academic year and must also complete the thesis/practicum/project/comprehensive exam at The University of Manitoba. • Courses taken while in the Pre-Masters program may not be used for credit in a Master's program. <p>Regardless of the extent of advanced credit granted, all students are required to pay all applicable program fees.</p>	
<p>4.3.6 Transfer Credit</p>	

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>after submission of the digital version of a thesis or practicum to The University of Manitoba. The Dean shall determine for what period, if any, access will be restricted.</p> <p>Library and Archives Canada – Library and Archives Canada obtains a copy of the thesis via the University's MSpace repository.</p>	
<p>4.11 Final Requirements and Deadlines for Graduation</p> <p>The final requirements of the degree, in the form of the final report on the thesis/practicum (and the corrected copy of the thesis/practicum and Copyright Licence Declaration uploaded into MSpace); comprehensive examination; M. Eng. project; or Design thesis, must be submitted to the Faculty of Graduate Studies by the appropriate deadline. For those programs that do not have a GRAD course associated with their culminating exercise, the department/unit must forward a list of potential graduate names to the Faculty of Graduate Studies by the deadline. The deadline for each of the graduation dates is published on the Faculty of Graduate Studies website.</p>	
<p>SECTION 5: Doctor of Philosophy General Regulations</p> <p>The degree of Doctor of Philosophy (Ph.D.) is granted only upon evidence of general proficiency and of distinctive attainment in a special field. In particular, the candidate must demonstrate an ability for independent investigation, original research or creative scholarship. This is expected to be presented in a thesis with a degree of literary skill and by an oral examination wherein the candidate exhibits mastery of their field. The Ph.D. is a research degree and is not conferred by The University of Manitoba solely as a result of coursework study.</p> <p>Although general regulations apply to all students, individual department/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the website), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion.</p>	
<p>5.1 Admission</p> <p>5.1.1 General criteria</p> <p>Normally, the completion of a Master's degree or equivalent from a recognized university and a cumulative GPA of 3.0 or equivalent in the last two (2) years of full time university study (60 credit hours) is the minimum requirement for admission to the Ph.D. program.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and department/units may have higher standards and additional criteria. However, the criteria for admissions into the Ph.D. program are more stringent than for Master's programs; therefore, the completion of a Master's program does not guarantee admission into the Ph.D. program. Some department/units require completion of a thesis-based Master's program prior to admission to a Ph.D. program.</p>	<p>The normal entry requirement is the equivalent of an M.Sc. in GeologicalEarth Sciences. Students with M.Sc. degrees in related fields may be accepted by the Graduate Admissions Committee providing their planned degree program involves studies in the GeologicalEarth Sciences. The majority of the required courses taken by the student should normally be from the Department of Earth Sciences. The research should also be in the geologicalEarth sciences.</p> <p>Applications for admission are reviewed and approved by the Department of Earth Sciences Graduate Admissions Committee.</p>
<p>5.1.2 Direct Admission from the Bachelor's Honours or Equivalent</p> <p>With special recommendation of the department/unit concerned, applicants with an honours Bachelor's degree or equivalent may be considered for entry to Ph.D. study. These students must be outstanding in their academic background (GPA well above 3.0 in the last two full years of undergraduate study).</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and department/units may have higher standards and additional criteria. Once admitted, these students must complete at least 24 credit hours of coursework, unless the individual department/unit's approved supplementary regulations specify otherwise, and will be assessed Ph.D. fees for three (3) years. A minimum of 18 credit hours at the 7000-level or higher is required. Any further coursework beyond the minimum 18</p>	<p>Direct entry into the Ph.D. program from an honours Bachelor's degree is permitted only for outstanding students (GPA well above 3.0 in the last two full years of undergraduate study). This route is at the discretion of the Graduate Admissions Committee and is intended only for those students that the committee considers adequately prepared for immediate Ph.D.-level studies.</p>

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<p>The composition of, and any changes to, the advisory committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies on the <u>"Program of Study and Appointment of Advisory Committee"</u> form.</p> <p>The advisor/co-advisor is the Chair of the advisory committee.</p> <p>Advisory committee meetings must be held at least annually, and are not intended to take the place of meetings between the student and advisor/co-advisor which should occur with much greater frequency than the advisory committee meetings.</p>	
<p>5.2.5 Conflict of Interest</p> <p>There are several circumstances that might lead to a real, perceived or potential Conflict of Interest (COI) in advisory and examining committees. A real COI could be present due to the existence of a (past or present) personal relationship that is romantic, sexual, marital, personal or familial. There is a potential for a perceived COI in cases of recent (within the last 5 years) collaboration among committee members, which may result in the perception of a lack of fairness or impartiality. These examples are not intended to be comprehensive, and are provided solely for illustration. The University of Manitoba <u>Conflict of Interest Policy</u> and <u>Conflict of Interest Procedures</u> as well as the <u>Conflict of Interest Between Evaluators and Students due to Close Personal Relationships</u> should also be consulted.</p> <p>In addition to following the processes outlined in the above policies, COIs that exist within advisory and examining committees should be declared in writing to the Faculty of Graduate Studies to provide transparency to all relevant parties (including the student, committee members, unit leadership, and the Faculty of Graduate Studies). All reported conflicts will be reviewed by the Dean of the Faculty of Graduate Studies (or designate). If the conflict is deemed sufficiently significant and cannot be mitigated, a new committee may need to be struck.</p>	
<p>5.3 Program of Study</p> <p>As soon as possible, but no later than 24 months after a student has commenced their program, the student's program of study should be registered with the Faculty of Graduate Studies on the <u>"Program of Study and Appointment of Advisory Committee"</u> form and should include:</p> <ul style="list-style-type: none"> • information about the minimum or expected time for completion of the degree; • coursework to be taken along with course classification ("S", "X", "A" or "O"); • any foreign language requirement; • the research area in which the thesis will be written. <p>The approval of the student's advisor/co-advisor and the Head of the department/unit are sufficient for registration. The program of study, including withdrawal from individual courses and any subsequent changes, must be approved by the student's advisor/co-advisor, the advisory committee, and the Head of the department/unit. Withdrawal from courses or changes of course category without such approval may result in the student being required to withdraw from the Faculty of Graduate Studies.</p>	<p>A student's program will normally be developed in conjunction with their Advisor and Advisory Committee, with review by the Graduate Chair.</p>
<p>5.4 Program Requirements</p> <p>All students must complete one of the following programs of study for the Ph.D. degree, unless otherwise specified in the approved department/unit supplementary regulations:</p> <ul style="list-style-type: none"> • Where admission to the Ph.D. is directly from a Master's degree, a minimum of 12 credit hours at the 7000- level or higher plus a thesis is required. Any further coursework beyond the minimum 12 credit hours at the 7000-level must be at the 3000-level or above. A maximum of 24 credit hours of coursework is allowed toward the Ph.D. program.¹ 	<p>The Department of Earth Sciences requires that where admission to the Ph.D. program is directly from a Master's degree a thesis plus the following is required for a total of a minimum of <u>45-12</u> credit hours:</p> <ul style="list-style-type: none"> • GEOL 7200 Earth Systems of Central Canada (3); • GEOL 7760 Seminar in Geological Sciences (3),

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<ul style="list-style-type: none"> Where admission to the Ph.D. is directly from an Honours Bachelor degree or equivalent, a minimum of 24 credit hours plus a thesis is required. The coursework must include a minimum of 18 credit hours at the 7000-level or higher with the balance of the coursework at the 3000-level or higher. A maximum of 48 credit hours of coursework is allowed toward the Ph.D. program.¹ <p>¹ Unless professional accreditation requirements and/or the department/unit's supplementary regulations indicate otherwise.</p>	<ul style="list-style-type: none"> a minimum of 9 additional credit hours (minimum 6 at the 7000 level, maximum 3 at the 3000 or 4000 level) <p>Note: For Ph.D. students who have already received credit for GEOL 7200 as part of the Master's degree, another 7000-level course will be taken in place of the Ph.D. requirement of GEOL 7200.</p> <p>In the case of admission to the Ph.D. without a Master's degree, a thesis plus the following is required for a total of a minimum of <u>24-15</u> credit hours:</p> <ul style="list-style-type: none"> GEOL 7200 Earth Systems of Central Canada (3); GEOL 7760 Seminar in Geological Sciences (3), a minimum of <u>15-12</u> additional credit hours (minimum <u>12-9</u> at the 7000 level, maximum 3 at the 3000 or 4000 level)
<p>5.4.1 Language Requirements</p> <p>Some department/units specify a language requirement for the Ph.D. degree. Students are advised to check department/unit supplementary regulations regarding this requirement.</p>	<p>There is no second language requirement.</p>
<p>5.4.2 Advance Credit</p> <p>Advance credit for courses completed prior to admission to a Ph.D. program will be considered on a case-by-case basis. The student's department/unit makes the request to the Faculty of Graduate Studies by completing the "<u>Advance Credit-Transfer of Courses</u>" form.</p> <ul style="list-style-type: none"> Application for advance credit must be made within the first year of the program (please refer to <u>Lapse or Expiration of Credit of Courses</u>) No more than 50% of the required coursework for the program can be achieved using advance credit. A course may not be used for credit toward more than one degree, diploma or certificate. The student must register at the University of Manitoba for at least two consecutive terms and must also complete the thesis and candidacy examination at The University of Manitoba. Regardless of the extent of advanced credit received, all students are required to pay applicable program fees. 	
<p>5.4.3 Transfer Credit</p> <p>Courses within a program of study may be taken elsewhere and transferred for credit at the University of Manitoba. All such courses:</p> <ul style="list-style-type: none"> must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them; are considered on an individual basis; cannot be used for credit towards another degree; 	

The examination is conducted according to a procedure established by the department/unit which is approved and documented in departmental/unit supplementary regulations. The department/unit supplementary regulations state the format and composition of the examination committee for the candidacy examination. The candidacy examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours.

This examination, which must be independent from the thesis proposal, may be oral, written, or both and may cover subjects relevant to the general area of the student's research. The structure of the exam must be made known to the student well in advance of the exam. In the case where there is a required oral component, the student must be physically present.

A "pass" decision of the examiners must be unanimous. Students must be provided with feedback on their performance and access to the reasons for the pass/fail.

The Dean of the Faculty of Graduate Studies must be informed whether the candidate has "passed" or "failed" the candidacy examination on the "Report on Ph.D. Candidacy Examination" form.

Any student who fails the candidacy examination twice will be required to withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to withdraw".

On successful completion of this examination, the student will be considered a candidate for the Ph.D. degree.

Candidacy Examining Committee: The examination will be evaluated by a committee chaired by the Graduate Chair (or designate), and consisting of the Ph.D. Advisory Committee and the Graduate Chair (or designate). The Graduate Chair (or designate) must not be a member of the Advisory Committee.

Format of the Examination: The examination will consist of an oral examination (max 3hrs) on three topics relevant to the student's research, covering techniques and background specific to the student's work as well as the broader relevant literature. The subject areas for the examinations will be defined by the Advisory Committee, and reviewed and approved by the Graduate Chair. The Graduate Chair may provide comments to the committee regarding the topics, prior to distribution to the student. The topics will be provided to the student 4 weeks prior to the examination.

The student's responses to questions in each topic will be evaluated by the committee, giving a rating of: exceeds expectations (pass), meets expectations (pass), does not meet expectations (fail). The student must pass all three topics. The committee's comments and evaluation will be recorded and kept on file by the advisor.

The examination will be conducted over the course of one day. It will consist of a written examination of three hours duration in the morning on topics in the area of the research program, a break of two hours, and an oral examination of two hours duration in the afternoon on topics defining the breadth of the student's knowledge in the geological/Earth sciences.

The examination on the area of the research program will consist of questions in two discipline areas of the student's research and be at the level of Ph.D. research. The examination of the student's breadth of knowledge will consist of questions in three subject areas peripheral to, but relevant to, the research area and be at the senior undergraduate level. The questions for the written examination are set by the Advisory Committee and reviewed by the Graduate Chair. The subject areas for the examinations will be defined by the Advisory Committee immediately following the thesis proposal and reviewed by the Graduate Chair.

Outcome: A pass in the candidacy examination is defined as a pass of both the examination in the area of the research program and of the examination on the student's breadth of knowledge.

A failure of either the research program or breadth of knowledge component of the examination will

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	<p>require the full examination process to be re-started, with the repeated examination to be completed within a six month deadline of the date of the initial examination. If a student fails this second attempt, a recommendation will be made to the Dean of Graduate Studies that the student be required to withdraw from the Ph.D. program.</p>
<p>5.9 Thesis Proposal</p> <p>Some departments/units have specific procedures in place for approval of thesis proposals and students are advised to refer to the specific department/unit supplementary regulations. If departments/units require thesis proposal approval, this exercise must be independent from the candidacy examination. Regardless, the proposed thesis research must be approved by the advisory committee and, if necessary, by the Human Research Ethics Board or Animal Care Committee before the work has begun on the thesis research or project.</p>	<p><u>Thesis Proposal:</u> The purpose of the thesis proposal is to demonstrate the student's understanding of the research area and to define the research objective including demonstrating that it is a distinct contribution to the field of study.</p> <p><u>Timing:</u> The thesis proposal must normally be completed within 12 months of the student's commencement date.</p> <p><u>Examining Committee:</u> The evaluation of the thesis proposal will be conducted by the Advisory Committee chaired by the Graduate Chair. All decisions of the committee must be unanimous.</p> <p><u>Format of the Proposal:</u> The proposal must include an introduction with citation of relevant literature, the thesis research objectives, the proposed methodology including a timetable, the anticipated significance of the research, and references. The length of the proposal must be between 10 and 20 pages including figures and references (12 point, single spaced, 2 cm margins). A proposed budget must be appended to the thesis proposal.</p> <p><u>Examination of the proposal:</u> Normally, within two weeks of submission of the proposal, the Advisory Committee and Graduate Chair will meet with the student present. The student will give a 20 minute oral presentation of the proposal to the committee and then answer questions from the committee required to clarify points related to the proposal. Following these questions and withdrawal of the student from the meeting, the committee will evaluate the proposal.</p> <p><u>Outcome:</u> The committee will define the proposal as being:</p> <ul style="list-style-type: none"> (i) Approved; (ii) Conditionally approved. In this case the proposal must be revised to meet the requirements of the committee and resubmitted within a 3 month period. The committee may appoint the advisor/co-advisor and/or Graduate Chair as being responsible for ensuring the revisions are made adequately. If the committee considers that the revised proposal is unacceptable, it will be treated as a failed proposal in accord with point iii.

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Dept. of Indigenous Studies.

Observations

1. The **Dept. of Indigenous Studies** proposes MA. and Ph.D. supplementary regulation changes; the introduction of a Major Research Paper route; (10) course deletions: NATV 7100, 7220, 7230, 7240, 7250, 7280, 7290, 7310, 7320, 7330; (12) course introductions: INDG 7100, 7220, 7230, 7240, 7250, 7280, 7290, 7310, 7320, 7330 7110, 7112; and degree name changes.

The department's Senate-approved name change to Indigenous Studies has led to a universal change of all instances of Native Studies in the courses offered by the department (this includes 10 course deletions and re-introductions under INDG as noted below), as well as all instances of Native Studies in the supplementary regulations.

The department proposes the introduction of a Major Research Paper route. The route will require a total of 21 CH, at least 12 CH of which must be at the 7000 level in Indigenous Studies and 6 CH may be at the 4000 level. Normally all coursework will be satisfied by Indigenous Studies courses, but up to 9 CH may be taken from outside the department. Please see supplementary regulations. The course INDG 7110 Major Research Paper (0) is propose as noted below.

The department proposes the introduction of one additional course, INDG 7112 Indigenous Community Organization Placement (3), to permit graduate students the opportunity to complete a 64-hour placement with an Indigenous community organization. This type of placement opportunity exists in the department at the undergraduate level.

The department proposes that the M.A. in Native Studies and the Ph.D. in Native Studies be changed to M. A. in Indigenous Studies and Ph.D. in Indigenous Studies, respectively, to be commensurate with the department's name change already approved by Senate.

Details included in cover letter provided by the unit.

Course Deletions

NATV 7100 Seminar in Advanced Anishinaabemowin	-3
NATV 7220 Selected Topics in Native Studies	-3
NATV 7230 Methodology and Research Issues in Native Studies	-3

NATV 7240 Issues in Colonization	-3
NATV 7250 Culture: Theory and Praxis	-3
NATV 7280 Native Studies Colloquia	-1
NATV 7290 Seminar in Aboriginal Economy	-3
NATV 7310 Critical Theory and Native Studies	-3
NATV 7320 Trauma Theory in Indigenous Writing in Canada and Australia	-3
NATV 7330 Advanced Seminar in Indigenous Research	-3

Course Introductions

INDG 7100 Seminar in Advanced Anishinaabemowin	+3
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This course will further investigate Anishinaabemowin grammar. Various types of stories in different dialects will be used to illustrate the complexities of Anishinaabemowin. The students will translate English stories into Anishinaabemowin and will also learn to transcribe oral stories in Anishinaabemowin and translate them. Students will also be introduced to historical orthographies used in materials at HBC archives, the Manitoba Museum, and other repositories for transcribing Anishinaabemowin language in the past. PR/CR: A minimum grade of C+ is required unless otherwise indicated. Prerequisite: a grade of "C" or better in NATV 3190 or permission of the Instructor or Department Head.

INDG 7220 Selected Topics in Indigenous Studies	+3
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A critical examination of issues in selected areas of Indigenous Studies designed to meet the special needs of graduate students interested in exploring interdisciplinary perspectives in Indigenous Studies. The course content may vary. Students can earn multiple credits for this course only when the topic subtitle is different.

INDG 7230 Methodology and Research Issues in Indigenous Studies	+3
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A review of research methods, such as oral histories, and research issues, such as ethics and intellectual property rights, within the context of Indigenous Studies.

INDG 7240 Issues in Colonization	+3
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An examination of the factors influencing colonization, assimilation and indigenization. Explores the colonization and decolonization processes, theories of colonization and ways of promoting indigenization without assimilation.

INDG 7250 Culture: Theory and Praxis	+3
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A study of selected material in Métis, Aboriginal, or Inuit studies, designed to meet the special needs of graduate students interested in exploring interdisciplinary perspectives in Indigenous Studies.

INDG 7280 Indigenous Colloquia	+1
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Theoretical, methodological, ethical and contextual issues in Indigenous Studies are explored from the perspectives of formally and informally trained experts using a colloquia format. Students are required to attend regularly. This course is taken more than once to fulfill program requirements. Time slots to be determined the first week of September. The course content may vary. Students can earn multiple credits for this course only when the topic subtitle is different. Course graded pass/fail.

INDG 7290 Seminar in Indigenous Economy**+3**

This seminar deals with a variety of specific topics in Indigenous Economy. The course content may vary. Students can earn multiple credits for this course only when the topic subtitle is different.

INDG 7310 Critical Theory and Indigenous Studies**+3**

This course will assess the relevance of the concepts produced by recent social theory to the situation of Indigenous peoples and the contribution made by "fourth world" contexts to social theory. Marxism, feminism, post-structuralism, post-colonial theory, and cultural theory will be among the perspectives examined.

INDG 7320 Trauma Theory in Indigenous Writing in Canada and Australia**+3**

This course will compare selected texts by Indigenous authors from Canada and Australia and examine them through the lens of trauma theories – those developed by Holocaust scholars but also those which draw on Indigenous worldviews.

INDG 7330 Advanced Seminar in Indigenous Research**+3**

A team-taught seminar that provides an in-depth study of the major theoretical, methodological, and ethical issues in Indigenous research with an emphasis on the interdisciplinary scholarship of Indigenous Studies faculty.

INDG 7110 Major Research Paper**+0**

Students will complete a research project under direct supervision. This is a required course for students in the MA by major research paper. This course is graded pass/fail. Prerequisite: Permission of Department Head.

INDG 7112 Indigenous Community Organization Placement**+3**

Students will examine an Indigenous community organization as a means to attaining healthy, resilient communities. Many organizations were formed by Indigenous peoples to address local, regional and national issues to address barriers to well-being. B grade or better to pass. Course graded pass/fail.

NET CREDIT HOUR CHANGE**+3****Recommendations**

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Dept. of Indigenous Studies

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.

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October 18, 2021

Memorandum Regarding the Department of Native Studies Proposed Changes

Please find attached a summary of all proposed changes to the Native Studies graduate program. The proposed changes are organized by category for clarity.

A. Proposed Revisions to Supplemental Regulations

The proposed revisions to the Supplemental Regulations capture several changes proposed throughout this package including the introduction of a major research paper option (see: section B for more details and sections 4.3.2, 4.4, and 4.6.5 in the edited supplemental regulations) and the universal change of all instances of Native or Aboriginal to Indigenous to reflect the proposed departmental name change to Indigenous Studies (see: section D for more details).

The proposed revisions to the Supplemental Regulations also include updated language on the following: the responsibility of the Indigenous Studies Graduate Committee to oversee language requirements and to review and approve unexpected and urgent interruptions to students' programs during the candidacy process (see Section 0 in the edited supplemental regulations); clarification on the deadline applications to the graduate program must be *received* by for students to be considered for funding (see Section 1.1.2 in the edited supplemental regulations); research requirements for students applying to the graduate program (see Section 4.2 in the edited supplemental regulations); requirements for students to conduct ethical research with Indigenous peoples and nations (see Sections 4.7.1 and 5.9 in the edited supplemental regulations); the scheduling of oral examinations (see Section 4.7.1.3 in the edited supplemental regulations); program requirements for students who take both and M.A. and Ph.D. (see Section 5.4 in the edited supplemental regulations); language requirements (see Section 5.4.1 in the edited supplemental regulations); and writing a thesis in another language (see Section 5.10 in the edited supplemental regulations).

B. MA – Major Research Paper Option

The Native Studies graduate program was originally designed for one option – the thesis route. Over the years, it became clear to the department that some flexibility was in order to meet the needs of our students. The introduction of the proposed major research paper (MRP) option is an important addition to our program.

The MRP option will allow students to hone their academic skills through course work but will have the flexibility to complete their degree with a smaller writing project than the current thesis route. We anticipate that students who want a Master's degree and do not want to continue to a

PhD would take advantage of this option. Having the MA designation will increase oral skills, writing skills, and career opportunities. The MRP will attract students to undertake a graduate degree that might otherwise seem out of their reach.

The MRP option will benefit both students and our graduate program by increasing the options in the way an MA is earned through our department.

While we anticipate that students who choose the MRP route for a Master's degree will not be likely to immediately continue to a PhD, having the qualification of the MRP would not exclude them from applying for a PhD at a later date if they meet the necessary admission criteria.

C. New Course Proposals

We are introducing one new course: INDG 7112 Indigenous Community Organization Placement.

This course provides students with the opportunity to complete a placement with an Indigenous organization. Through their placement with an Indigenous community organization, students are offered an opportunity for experiential research that benefits their work and the community. Our department offers community placement courses at the undergraduate level, and this course will extend this opportunity to the graduate level.

This course allows each student to examine an Indigenous community organization as a means to attaining healthy, resilient communities. Many organizations were formed by Indigenous peoples to better address local, regional, and national issues in order to disassemble barriers to wellness and well-being. These organizations often work in relationship with each other and with government and organizations with common interests. Understanding the goals, challenges and achievements of individual Indigenous organizations is the focus of this course in keeping with the student's research interests.

Students will identify an area of interest within their research and identify an appropriate organization that would consider hosting a placement. The student will complete a 64-hour placement (a target in line with prior direction from the Dean of Art's office). Field notes, a final paper, and a presentation will be required as part of the coursework component of the placement.

D. Departmental Name Change

In October 2021, The Department of Native Studies Department Council voted in favour of a motion to change our department name from the Department of Native Studies to Indigenous Studies, and to change our course prefix to INDG. This new name reflects ongoing commitments the department has led in changing terminology used in our course listings from Native to Indigenous, as well as to reflect the internationalization of the Native Studies as a sub-field of the discipline of Indigenous Studies as being in conversation with associated fields such as Māori Studies, Hawai'ian Studies, and Native American Studies, amongst many others, that seek to bring into global discussion shared experiences of Indigenous locality.

The name change to Indigenous Studies will result in the change of our course subject code from NATV to INDG. All NATV courses will be deleted and re-introduced as INDG. No other changes to course content will be taking place. However, we will take the opportunity to update the language in course titles and descriptions to reflect the new language of Indigenous Studies (e.g., changing Aboriginal to Indigenous in course titles and descriptions).

No syllabi have been included in the request for support, given that no changes will be made aside from the course code and language in titles and descriptions to language used in course descriptions to reflect the department name change.

The other changes being introduced with this package are the introduction of a major research paper option for our master's program, and two new course proposals related to that option that are following the usual process with attached course outlines and library statements of support.

The department of Native Studies also requests to change the name of the M.A. and Ph.D. degrees to Indigenous Studies.

Niigaan Sinclair, Head, Department of Native Studies
niigaan.sinclair@umanitoba.ca

Supplementary Regulations Faculty of Graduate Studies (FGS)

Name of Unit/Program: **Native-Indigenous Studies (M.A. & Ph.D.)**

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>The Faculty of Graduate Studies Academic Guide contains all the rules and policies pertaining to the Faculty of Graduate Studies. Adherence to these rules is of utmost importance for the effective functioning/operation of programs and for guiding and monitoring the progress of students. The integrity of the process is at stake. The major goal of this guide is to prevent potential problems that may affect the completion of a student's program. It is the responsibility of students and the department/unit offering a graduate program to read and follow the policies contained herein.</p> <p>All regulations as laid out in the Faculty of Graduate Studies Academic Guide are subject to revision by the appropriate bodies of the Faculty of Graduate Studies. This compendium is presented as the most recent set of regulations as a guideline for students and staff. Individual departments/units may have additional regulations that supplement these general regulations. All such supplementary procedures and regulations must be approved as specified by the By-Laws of the Faculty of Graduate Studies, be published and available to students, and kept on file in the Faculty of Graduate Studies Office.</p> <p>For those programs that are administered through a Faculty (as opposed to a Department) the term "Department" should be substituted by "Unit" within this document (i.e. Department Head becomes Unit Head.)</p> <p>PREFACE</p> <p>The Faculty of Graduate Studies is a pan-University faculty charged with the oversight of the administration of all graduate programs at the University. Therefore these regulations apply to all graduate students in all programs in all academic units. Individual units may require specific requirements above and beyond those in the following document, and students should consult unit supplementary regulations for these specific regulations. All unit supplementary regulations require approval of the Faculty of Graduate Studies.</p> <p>Definitions</p> <p>The "Dean, Faculty of Graduate Studies" shall be taken to mean the Dean, Faculty of Graduate Studies or designate.</p> <p>"Unit" shall be taken to mean the academic unit where the graduate student is pursuing his/her studies. Generally, this is the department. For Faculty-based programs, the Dean is the <i>de facto</i> Head of the unit. The term "unit" shall also include Schools of Faculties within the University. The Dean of the Faculty of Graduate Studies is the <i>de facto</i> Head of interdisciplinary programs administered by the Faculty of Graduate Studies. The Head of any unit may designate any of his/her responsibilities in this policy to another member of the unit, such as the Graduate Chair.</p>	<p>Native-Indigenous Studies Graduate Committee (NSGC)</p> <p>The NSGC will be composed of three faculty members (two elected from the Department of Native-Indigenous Studies, one from outside the Department), and the Graduate Program Chair (non-voting) appointed by the Department Head. The Department Head is an <i>ex-officio</i> voting member. Membership will be a two-year renewable term. Terms of elected members will be staggered to ensure continuity. The committee members will be elected in the Fall to serve for the calendar year. Normally, if an elected member is unable to serve (i.e.: illness, research/study leave), the other members of the committee will select a member to fill the vacancy temporarily.</p> <p>The administrative support for the program committee will be provided through the Native-Indigenous Studies graduate office. The NSGC is responsible for the overall administration of the program, including:</p> <ul style="list-style-type: none"> • Recommendation of students for admission to the program; • Approval of assignment of faculty advisors to graduate students; • Regular review of the Native-Indigenous Studies Master's and Ph.D. program regulations and the recommendations for any appropriate changes to the Faculty of Graduate Studies; • Review of student progress in programs • <u>Review and approval that PhD students taking the translation examination route have met the language requirement:-</u> • <u>Review and approval of recommendations when unexpected and urgent interruptions occur during the PhD candidacy process.</u>
<p>1.1 Application and Admission Procedures</p> <p>The application (and all required documentation) is to be submitted directly to the Faculty of Graduate Studies via the online application system. Applicants should contact the department/unit to which they are applying for the procedures and requirements which are specific to the program of application. Contact information for each department/unit can be found on the <u>Graduate programs of study website</u>.</p> <p>1.1.1 Process:</p>	<p>Department of Native-Indigenous Studies 204 215 Isbister Building Winnipeg, Manitoba Canada, R3T 2V2</p> <p>Email: native_studies@umanitoba.ca</p> <p>Website: umanitoba.ca/faculties/arts/departments/native_studies/</p>

FGS Academic Guide Regulation 2021/22		Supplementary Regulation																	
<p>1.1.1 (a) A completed official application for admission form must be submitted, together with the application fee and supporting documentation, to the Faculty of Graduate Studies, via the online application system. Note: International students must pay special attention to the appropriate requirements with respect to transcripts (see application form for details).</p> <p>1.1.1 (b) Applications are subsequently reviewed by the unit offering the program which will decide whether the applicant meets the unit's criteria including, but not limited to, availability of advisors, space, and facilities.</p> <p>1.1.1 (c) Notification of recommended/rejected applications is sent by the Head of the unit to the Faculty of Graduate Studies. Applications recommended for admission are checked to determine if they meet the Faculty of Graduate Studies' eligibility requirements. The Faculty of Graduate Studies then notifies applicants of their acceptance or rejection.</p>																			
<p>1.1.2 Deadlines for Recommended Applications (from Departments/Units to the Faculty of Graduate Studies)</p> <p>The following are the deadlines for receipt by the Faculty of Graduate Studies of recommendations from departments/units.</p> <table><tr><th>Term</th><th>Start Date</th><th>Canadian/US</th><th>International</th></tr><tr><td>Fall</td><td>September</td><td>July 1</td><td>April 1</td></tr><tr><td>Winter</td><td>January</td><td>November 1</td><td>August 1</td></tr><tr><td>Summer</td><td>May</td><td>March 1</td><td>December 1</td></tr></table> <p>IMPORTANT: <u>These are not application deadlines.</u> Applicants are required to submit the application and documentation to the Faculty of Graduate Studies to meet the application deadline in place for a particular department/unit. Deadlines vary depending on the program to which the applicant is applying and whether the applicant is domestic or international. Deadlines can be found by clicking the appropriate application program page on the <u>Graduate programs of study website</u>.</p>		Term	Start Date	Canadian/US	International	Fall	September	July 1	April 1	Winter	January	November 1	August 1	Summer	May	March 1	December 1	<p>For upcoming application deadlines, please consult the Graduate Program Page: http://umanitoba.ca/faculties/graduate_studies/admissions/programs/native_studies.html</p> <p>Master's and PhD applicants who wish to be considered for funding <u>must submit applications</u> by January 15.</p>	
Term	Start Date	Canadian/US	International																
Fall	September	July 1	April 1																
Winter	January	November 1	August 1																
Summer	May	March 1	December 1																
<p>1.1.3 Application Fee</p> <p>A \$100.00 (CDN) non-refundable fee must accompany an application for admission. The Physician Assistant Studies and Orthodontics programs charge an additional fee of \$25 and \$50, respectively.</p>																			
<p>1.1.4 Transcripts</p> <p>Unofficial copies of transcripts and final degree certificates are acceptable for initial assessment and provisional admission purposes. Upon admission to the Faculty of Graduate Studies, applicants must arrange for official transcripts from all post-secondary institutions attended to be sent to the Faculty of Graduate Studies, within one (1) month of the date on the admission letter. Applicants will be placed on hold, which prevents registration until all admission requirements have been submitted. All transcripts must arrive in sealed, university-stamped envelopes sent directly from the issuing institution(s) and be accompanied by official and literal English translations (Please refer to Transcripts: International below). For international degrees or where the transcripts does not or will not clearly state that a degree has been conferred, a copy of the official degree certificate is also required.</p>																			
<p>1.1.5 Transcripts: International</p>																			

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>3.2.2. A minimum degree grade point average of 3.0 with no grade below C+ must be maintained to continue in a Pre-Master's program. Students who fail to maintain this standing will be required to withdraw unless remedial action recommended by the department/unit (as described below) is approved by the Dean of the Faculty of Graduate Studies.</p> <p>3.2.3. Students deficient in six (6) hours of credit or less may be permitted to write a supplemental examination (when offered in the department/unit's supplementary regulations) in courses in which a grade of C or less was obtained.</p> <p>3.2.4. Students deficient in six (6) hours of credit or less with a grade of C, D, or F in a course or courses may be permitted, if the overall average is C or better, to write one (1) supplemental examination in each course (when permitted by the department/unit's supplementary regulations), to repeat the courses, or to take equivalent substitute courses.</p> <p>A student may be permitted to remove deficiencies in grades by writing a supplemental examination or repeating courses only one (1) time for each course to a maximum of nine (9) credit hours of coursework.</p> <p>If a course is repeated or a supplemental examination is written, the highest grade obtained in that course will be used in the determination of the degree GPA.</p> <p>The degree GPA is cumulative in a Pre-Master's program if more than one (1) year is required to complete the course requirements.</p> <p>A summary of all action taken administratively is to be reported to the Faculty of Graduate Studies Executive Committee.</p>	
<p>SECTION 4: General Regulations: Master's</p> <p>4.1 General</p> <p>Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the following link), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion. Individual departments/units may offer Master's programs by one or more of the following:</p> <ul style="list-style-type: none"> • Thesis/practicum-based; • Course-based; • Comprehensive Exam; • Project; • Accredited Professional; • Major research paper. 	
<p>4.2 Admission</p> <p>Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:</p>	<p>Students will be considered for admission to the Master's program who meet <u>one of</u> the following <u>prior knowledge</u> requirements:</p> <p><u>PRIOR KNOWLEDGE</u></p>

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<ul style="list-style-type: none"> • Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from: <ul style="list-style-type: none"> ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies. • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see <u>General Regulations - Pre-Master's</u>); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>a) Completion of an Advanced (4-year) Bachelor's degree in Native-Indigenous Studies (or its equivalent); equivalency to a Native-Indigenous Studies major will be assessed on a case-by-case basis. <u>OR</u></p> <p>b) Students who have a 4-year degree in a discipline other than Native-Indigenous Studies, with some combination of courses in any discipline where a minimum of 50% of the content is dedicated to IndigenousAboriginal issues, major research papers on Indigenous Aboriginal topics, Honours/advanced research papers on IndigenousAboriginal issues, and language courses or proficiency. <u>OR</u></p> <p>c) Exceptional candidates with extensive backgrounds in IndigenousAboriginal community service will be considered on a case-by-case basis. Such non-academic backgrounds may be acknowledged in recognition of their knowledge and experience. Permission may be granted for up to 12 credit hours in an undergraduate program to be challenged on the basis of such relevant extensive experience and knowledge. <u>OR</u></p> <p>d) <u>Students with the required degree and credit hours but without academic background in Indigenous Aboriginal studies will be considered if they provide a statement of interest in which they explain their reasons for choosing Native-Indigenous Studies as the discipline for their graduate work.</u></p> <p><u>Students considered for admission to the Master's program will meet both of the following research requirements:</u></p> <p>RESEARCH</p> <p>a) <u>An area of research interest is identified which may be supervised by a IndigenousNative Studies faculty member or Department adjunct with an appointment to the Faculty of Graduate Studies. Students must be accepted by an advisor prior to submitting an application to enter the program in the thesis stream or Major Research Paper (MRP) stream.</u></p> <p>b) <u>An Applicant's research proposal should demonstrate a clear sense of the scope and relevance of the research project as articulated in a written proposal submitted with their application (approximately 750 words) after review by the proposed advisor.</u></p>

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>4.3 Program Requirements</p> <p>In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. Any single course cannot be used for credit toward more than one program.</p>	
<p>4.3.1 Thesis/Practicum Route</p> <p>A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	<p>The Master's program requirement is a minimum of 18 credit hours of course work and a thesis. Course work is approved by the Advisory Committee. Twelve credit hours must consist of:</p> <ul style="list-style-type: none"> • NATVINDG 7230 Methodology and Research Issues in Native-Indigenous Studies (3 ch) • NATVINDG 7240 Issues in Colonization (3 ch) • NATVINDG 7250 Culture: Theory and Praxis (3 ch) • NATVINDG 7280 IndigenousNative Studies Colloquia (3 ch) <p>The remaining six credit hours in the program must be at the 4000-level or above and will normally be selected from the list of approved options <u>available from the Advisor</u> including NATVINDG 7220 Selected Topics in IndigenousNative Studies (3 ch).</p> <p>A student may take NATV 7220 more than once in a program of study as long as the content of the course is substantially different in each offering.</p>
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. A comprehensive examination is required for some course-based programs.</p>	<p><u>Course-based Major Research Paper (MRP) stream:</u></p> <p><u>Students who pursue the MRP stream must take 21 credit hours of course work, at least 12 credit hours of which must be at the 7000 level in Indigenous Studies and 6 credit hours of which may be taken at the 4000 level. Normally all coursework will be satisfied by Indigenous Studies courses, but students may take up to 9 credit hours from a Department outside of Indigenous Studies with approval from the ISGC upon recommendation of their MRP advisor. Twelve credit hours of the 7000 level course work in Indigenous Studies must consist of:</u></p> <ul style="list-style-type: none"> • <u>INDG 7230 Methodology and Research Issues in Indigenous Studies (3 ch)</u> • <u>INDG 7240 Issues in Colonization (3 ch)</u> • <u>INDG 7250 Culture: Theory and Praxis (3 ch)</u> • <u>INDG 7280 Indigenous Studies Colloquia (3 ch)</u>

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
	<p>In addition, students will be required to complete a <u>Major Research Paper (INDG 7110 (0 ch))</u>. The student will meet with their MRP Advisor and develop a topic for the paper. The MRP itself will be a piece of original writing based on research that may include primary sources and secondary sources. Collection and/or use of primary sources will meet appropriate ethical considerations including details of compliance with any relevant ethics protocols established by any Indigenous community with whom the student might plan to work. The MRP will be roughly 8,000-10,000 words in length (30-35 pages). —The MRP will be read by distributed to the Advisor and a Second Reader selected by the Chair of the ISGC for grading. While the MRP itself is graded pass/fail, a minimum assessed grade of B from both the Advisor and Second Reader <u>is</u> required to pass the MRP. Students who fail to achieve the grade of B will be permitted to submit the MRP a second time within 6 months. Those who do not achieve a minimum grade of B on the second submission of the MRP will be required to withdraw from the program.</p>
<p>4.3.3 Accredited Professional Route</p> <p>The credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check department/unit supplementary regulations regarding this requirement.</p>	
<p>4.3.4 Language Requirements</p> <p>Some department/units specify a language requirement for the Master's degree. Students should check department/unit supplementary regulations regarding this requirement.</p>	<p>Although there is no language requirement for the <u>Master's</u> program, a student's Advisory Committee may require a particular student to meet a language requirement at the undergraduate level as a part of his/her program of study. <u>Language courses will be taken as auxiliary courses and will not count toward the grade point average.</u></p>
<p>4.3.5 Advanced Credit</p> <p>Advance credit for courses completed prior to admission to a Master's program will be considered on a case-by-case basis. The student's department/unit must make a request to the Faculty of Graduate Studies by completing the "<u>Recommendation for Advance Credit-Transfer of Courses</u>" form.</p> <ul style="list-style-type: none"> • Application for advance credit must be made within the first year of the program (see <u>Lapse or Expiration of Credit of Courses</u>). • No more than 50% of the required coursework for the program can be achieved using advance credit. 	

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<p>4.4 Student's Advisor and Co-Advisor</p> <p>4.4.1 Student's Advisor</p> <p>Each student should have an advisor upon entry into the program, and must have one assigned no later than one (1) term following initial registration. The advisor must:</p> <ul style="list-style-type: none"> • hold an appointment in the student's department/unit; • be a member of the Faculty of Graduate Studies¹; • hold at least a Master's degree or equivalent²; • be active in their field; • have expertise in a discipline related to the student's program. <p>¹ http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html</p> <p>² Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential advisor's demonstrated research record and current research activities. Note that M.D., D.M.D., Pharm.D. and J.D. are undergraduate degrees and are not equivalent to a Master's or Ph.D.</p> <p>It is the responsibility of the department/unit Head to determine whether faculty members meet these criteria, and also to report to the Dean of the Faculty of Graduate Studies on equivalency as necessary. Any exceptions or special circumstances must be recommended by the department/unit Head and approved by the Dean of the Faculty of Graduate Studies who considers each case on an individual basis.</p> <p>In department/units where the choice of thesis/practicum topic and thesis/practicum advisor are postponed after a student's entry into the program, the department/unit Head, within one (1) term, shall appoint a faculty member to advise the student in the interim period before the regular advisor is assigned or chosen. Students must have an advisor through to the end of their program in programs requiring an advisor.</p>	<p>The advisor must be a member of the Faculty of Graduate Studies. Advisors will be faculty members or adjuncts in the Department of Indigenous Native Studies. The advisor supervises the student's program of study, chairs the <u>student's</u> Advisory Committee, and directs the student's thesis or MRP research. The advisor is identified by the student and approved by the NASGC within the first term of a student's program.</p>
<p>4.4.2 Student's Co-advisor</p> <p>In special circumstances, upon approval of the Head of the department/unit, an advisor and a maximum of one (1) co-advisor may advise a student. The co-advisor must:</p> <ul style="list-style-type: none"> • be a member of the Faculty of Graduate Studies¹; • hold a Master's or equivalent²; • be active in research; • have expertise in a discipline related to the student's program; <p>¹ http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html</p>	

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	Academic performance includes but is not limited to performance in course work, attendance at seminars and classes, and progress in the thesis research and writing. Where a student's academic performance is reported as "in need of improvement" on the Progress Report form, the areas in need of improvement will be clearly specified along with time lines by which they should be completed.
<p>4.6.4 Performance in Coursework</p> <p>A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades will be required to withdraw unless the department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.</p> <p>Students are normally expected to complete remedial action by the end of the subsequent term.</p>	Normally, students who receive a grade lower than C+ in a specific course will be permitted to repeat the course once.
<p>4.6.5 Performance not related to Coursework</p> <p>In some departments/units, students are required to demonstrate satisfactory academic performance in areas not related to performance in courses, such as attendance at or participation in course lectures, seminars and in laboratories and progress in research, thesis or practicum. The specific nature of satisfactory academic performance is outlined in individual department/unit supplementary regulations and students should consult these supplementary regulations for specific requirements. Unsatisfactory performance must be reported to the Faculty of Graduate Studies on the "Progress Report" form. Students who fail to maintain satisfactory performance may be required to withdraw on the recommendation of the department/unit Head to the Dean of the Faculty of Graduate Studies.</p>	As a requirement for completion of the Master's degree (either thesis or MRP route), students shall make one public seminar presentation on their thesis research in <u>NATVINDG 7280</u> , the <u>IndigenousNative Studies Colloquium</u> . All students enrolled in this course must attend these presentations.
<p>4.7 Academic Requirements for Graduation</p> <p>All students must:</p> <ul style="list-style-type: none"> • maintain a minimum degree grade point average (DGPA) of 3.0 with no grade below C+; • complete <u>GRAD 7500</u> • complete <u>GRAD 7300</u> • meet the minimum and not exceed the maximum course requirements; and • meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses). <p>Individual department/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements.</p>	
<p>4.7.1 Thesis/Practicum Route</p> <p>4.7.1.1 Thesis vs. Practicum</p>	After finishing the required course work and prior to beginning the thesis research, the student must submit a thesis proposal for approval by <u>his-or</u>

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<p>Students must demonstrate their mastery of the field and that they are fully conversant with the relevant literature through their thesis/practicum. The thesis or practicum will normally be written in English unless the student is studying in a program at the Université de Saint-Boniface, or departmental/unit supplementary regulations allow a different language to be used.</p> <p>A practicum differs from the thesis in its emphasis on the application of theory, it is however similar in scope, span, and rigour. The practicum takes the form of an exercise in the practical application of knowledge and skill. It usually involves the careful definition of a problem, the application of appropriate knowledge and skills to the problem, and a report of the results in a manner suitable for evaluation by an examining committee. Individual department/units have specific requirements for graduation and students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the practicum.</p> <p>The thesis is developed under the mentorship of the advisor/co-advisor. Individual department/units may have specific guidelines regarding the thesis proposal and its acceptance by the student's advisory committee and department/unit Head; students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the thesis research.</p>	<p>hertheir Advisory Committee, signed by the Chair of the INSGC. The discussion of the proposal occurs in closed session with the student and the Advisory Committee and unanimous approval is required. If not approved, a thesis proposal may be resubmitted <u>once more and if unanimous approval is not achieved then direction will be sought from the INSGC</u>. Significant deviations in the thesis subsequent to approval of the initial proposal must be similarly approved.</p> <p><u>The advisor will direct the student to conduct research in a safe and ethical manner, referring to their respective ethics board and supervisor(s) as well as meet First Nation or MMF ethics requirements if pertinent to the student's area of research to ensure that respect is maintained for: national sovereignty, human dignity and/or animal welfare, vulnerable persons; informed consent; justice and diversity; confidentiality and privacy; intellectual sovereignty and rights; beneficence and non-maleficence in the work that they conduct. The student will submit ethics to all appropriate research ethics boards, and ensure that approval is received before research begins.</u></p> <p>The proposal would normally include the following:</p> <ul style="list-style-type: none"> • Statement of the problem; • Related literature <u>in a literature review</u>; • Outline of the specific methods, procedures, or approaches; • <u>Anticipated significance.</u> • <u>Summary of anticipated chapters</u> <p>The length of the proposal will be determined by the student's advisor, but should be within the range of 10-30 pages.</p> <p>If revisions are required, it is normally the responsibility of the advisor to ensure that they are completed according to the instructions from the Advisory Committee.</p>
<p>4.7.1.2 Examining Committee</p> <p>The advisor/co-advisor will recommend an examining committee to the department/unit Head for approval, which shall then be reported to the Faculty of Graduate Studies on the "Master's Thesis/Practicum Title and Appointment of Examiners" form. This form must be approved by the Dean of the Faculty of Graduate Studies at least two (2) weeks prior to the distribution of the thesis.</p> <p>Under normal circumstances, the examining committee will be the same as the advisory committee unless otherwise stipulated in the department/unit's</p>	<p>The examination of the thesis will be scheduled by the Native Studies Department Graduate office at least two weeks prior to the intended date of the examination. Public notice of the intended examination will be posted at that time.</p> <p>The thesis Advisory Committee shall normally act as the thesis examining committee. The Chair of</p>

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<p>supplementary regulations. The examining committee must consist of a minimum of three (3) members (including the advisor/co-advisor), at least two (2) of whom must be members of the Faculty of Graduate Studies. All examiners must be deemed qualified by the department/unit Head and be willing to serve. It is expected that, under normal circumstances, examination committee members will have a Master's degree or equivalent. The composition of, and any changes to, the examining committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. Individual department/units establish specific requirements for examination and students should consult department/unit supplementary regulations for specific requirements.</p> <p>Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining committees, regardless if they hold a rank of Adjunct Professor.</p> <p>The Head of the department/unit arranges for the distribution of the thesis/practicum to the examiners. It is the duty of all examiners to read the thesis/practicum and report on its merits according to the following categories:</p> <ul style="list-style-type: none"> • Acceptable, without modification or with minor revision(s); or • Acceptable, subject to modification and/or revision(s); or • Not acceptable. <p>If two or more examiners do not approve the thesis, then the student is deemed to have failed the distribution.</p> <p>Note that in the case of an advisor and co-advisor, both together have a single vote on the examining committee.</p>	<p>the examining committee will be appointed by the Chair of the INSGC. The Chair may be another member of the IndigenousNative Studies Department, other than members of the examining committee, or may be chosen from any member of the Faculty of Graduate Studies.</p>
<p>4.7.1.3 Oral Examination</p> <p>For department/units requiring students to pass an oral examination on the subject of the thesis/practicum and matters relating thereto, the format of the oral examination is described in the supplementary regulations of the department/unit. Students should consult these supplementary regulations for specific requirements. A student has the right to an examination of the thesis/practicum if they believe it is ready for examination. It is the department/unit's responsibility to advise the student of any risk involved should they decide to proceed against the department/unit's recommendation.</p> <p>The examining process should be completed within one (1) month of distribution of the thesis/practicum to the examining committee.</p> <p>Normally, all members of the examining committee should be present in-person at the examination. Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may participate electronically. Only under very exceptional circumstances can the student or the Advisor/Co-advisor participate electronically. No recording devices will be permitted. The oral examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, Université de Saint-Boniface, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours. The oral examination shall be open to all members of The University of Manitoba community except in exceptional cases. The oral examination may be closed, for example, when the results of the thesis/practicum research must be kept confidential for a period of time. In such cases, the examining committee and department/unit Head shall recommend such action to the Dean of the Faculty of Graduate Studies who shall</p>	<p><u>The examination of the thesis will be scheduled by the IndigenousNative Studies Department Graduate office at least two weeks prior to the intended date of the examination. Public notice of the intended examination will be posted at that time.</u></p> <p>The first part of the oral examination will consist of an oral presentation by the candidate to include a summary of the salient points of the research within a time span of 20 to 25 minutes. This is followed by two rounds of questions for the candidate by the examination committee, normally about one hour but in no case longer than one and one-half hours so that the entire period of examination is normally no more than 2 hours. Care must be taken to ensure that each examiner has approximately equal time for questions. The Chair may also exercise discretion in inviting questions from guests.</p> <p>The candidate and members of the audience will then be required to withdraw from the room while the examiners consider their evaluation and also determine the nature and procedures for the</p>

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<p>5.2.5 Conflict of Interest</p> <p>There are several circumstances that might lead to a real, perceived or potential Conflict of Interest (COI) in advisory and examining committees. A real COI could be present due to the existence of a (past or present) personal relationship that is romantic, sexual, marital, personal or familial. There is a potential for a perceived COI in cases of recent (within the last 5 years) collaboration among committee members, which may result in the perception of a lack of fairness or impartiality. These examples are not intended to be comprehensive, and are provided solely for illustration. The University of Manitoba Conflict of Interest Policy and Conflict of Interest Procedures as well as the Conflict of Interest Between Evaluators and Students due to Close Personal Relationships should also be consulted.</p> <p>In addition to following the processes outlined in the above policies, COIs that exist within advisory and examining committees should be declared in writing to the Faculty of Graduate Studies to provide transparency to all relevant parties (including the student, committee members, unit leadership, and the Faculty of Graduate Studies). All reported conflicts will be reviewed by the Dean of the Faculty of Graduate Studies (or designate). If the conflict is deemed sufficiently significant and cannot be mitigated, a new committee may need to be struck.</p>	
<p>5.3 Program of Study</p> <p>As soon as possible, but no later than 24 months after a student has commenced their program, the student's program of study should be registered with the Faculty of Graduate Studies on the "Program of Study and Appointment of Advisory Committee" form and should include:</p> <ul style="list-style-type: none"> • information about the minimum or expected time for completion of the degree; • coursework to be taken along with course classification ("S", "X", "A" or "O"); • any foreign language requirement; • the research area in which the thesis will be written. <p>The approval of the student's advisor/co-advisor and the Head of the department/unit are sufficient for registration. The program of study, including withdrawal from individual courses and any subsequent changes, must be approved by the student's advisor/co-advisor, the advisory committee, and the Head of the department/unit. Withdrawal from courses or changes of course category without such approval may result in the student being required to withdraw from the Faculty of Graduate Studies.</p>	
<p>5.4 Program Requirements</p> <p>All students must complete one of the following programs of study for the Ph.D. degree, unless otherwise specified in the approved department/unit supplementary regulations:</p> <ul style="list-style-type: none"> • Where admission to the Ph.D. is directly from a Master's degree, a minimum of 12 credit hours at the 7000- level or higher plus a thesis is required. Any further coursework beyond the minimum 12 credit hours at the 7000-level must be at the 3000-level or above. A maximum of 24 credit hours of coursework is allowed toward the Ph.D. program.¹ • Where admission to the Ph.D. is directly from an Honours Bachelor degree or equivalent, a minimum of 24 credit hours plus a thesis is required. The coursework must include a minimum of 18 credit hours at the 7000-level or 	<p>All doctoral students will be required to complete 12 credit hours of course work at the 7000 level beyond the course work they may have completed for a Master's degree (or its equivalent), plus 6 credit hours in an Aboriginal-Indigenous language if this requirement has not already been satisfied. A minimum of 50% of the required 12 credit hours must be completed within the IndigenousNative Studies Department. Additional course work may be selected from courses approved by the INSSGC.</p> <p><u>Required Coursework:</u></p>

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<p>higher with the balance of the coursework at the 3000-level or higher. A maximum of 48 credit hours of coursework is allowed toward the Ph.D. program.¹</p> <p>¹ Unless professional accreditation requirements and/or the department/unit's supplementary regulations indicate otherwise.</p>	<p>NATVINDG 7230 Methodology and Research Issues in Native-Indigenous Studies (3 ch) INDG 7280 IndigenousNative Studies Colloquia (3 ch)</p> <p><u>If a student has previously completed a Master's degree in the Department of IndigenousNative Studies and has taken INDG 7230 as part of their coursework requirements, such students will need to complete 3 credit hours of additional course work at the 7000 level in lieu of the required course INDG 7230.</u> <u>Students who hold 3 credits of INDG 7280 from a Master's degree will complete 3 credits of this pass/fail, non-credit requirement prior to degree completion as one means to building a cohort.</u></p>
<p>5.4.1 Language Requirements</p> <p>Some department/units specify a language requirement for the Ph.D. degree. Students are advised to check department/unit supplementary regulations regarding this requirement.</p>	<p>Students who have not completed at least 6 credit hours of undergraduate study in an Indigenous/Aboriginal language or who do not demonstrate advanced knowledge of an Indigenous/Aboriginal language through passing a translation examination, will be required to take 6 undergraduate credit hours of study in an Indigenous/Aboriginal language appropriate to the topic of their dissertation. The language requirement is in addition to a minimum 12 credit hours of study at the graduate level. Language courses will be taken as auxiliary courses and will not count toward the grade point average. Students are expected to demonstrate competency in a second language related directly to their doctoral research. In most cases this will be demonstrated by competency in an Indigenous language in Canada, though in some cases French or another language will be relevant. Students should confirm their language requirements and a plan to test their competency or to establish it anew, early in their doctoral program and in consultation with the INSGC.</p> <p><u>The language requirement is in addition to a minimum 12 credit hours of study at the graduate level. Students may meet the language requirement by demonstrating successful completion of at least 6 credit hours of undergraduate study in an Indigenous language appropriate to the topic of their dissertation at any point in their academic career. Language courses will be taken as auxiliary courses and will not count toward the grade point average.</u></p>

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	<p><u>Alternatively, students may demonstrate competency in an Indigenous language appropriate to the topic of their dissertation, through passing a translation examination. The translation examination will consist of a 30 minute oral examination or a written translation examination of a 500 word document. Both test options are standardized tests developed for this purpose and -will be administered by an appropriate Indigenous language instructor. A grade of C+ or better is required to pass; however, the test may be retaken with INSGC approval. The instructor will provide a memo to the Grad chair describing the language test that the student completed and if they passed it satisfactorily. This report will be reviewed and approved by INSGC and forwarded to Faculty of Graduate Studies.</u></p> <p><u>In special circumstances regarding successful completion of the language requirement, the INSGC may approve on a case-by-case basis alternative methods of demonstrating that the language requirement has been met. These exceptions will be reported to FGS in a timely fashion by the INSGC chair.</u></p>
<p>5.4.2 Advance Credit</p> <p>Advance credit for courses completed prior to admission to a Ph.D. program will be considered on a case-by-case basis. The student's department/unit makes the request to the Faculty of Graduate Studies by completing the "<u>Advance Credit-Transfer of Courses</u>" form.</p> <ul style="list-style-type: none"> • Application for advance credit must be made within the first year of the program (please refer to <u>Lapse or Expiration of Credit of Courses</u>) • No more than 50% of the required coursework for the program can be achieved using advance credit. • A course may not be used for credit toward more than one degree, diploma or certificate. • The student must register at the University of Manitoba for at least two consecutive terms and must also complete the thesis and candidacy examination at The University of Manitoba. Regardless of the extent of advanced credit received, all students are required to pay applicable program fees. 	
<p>5.4.3 Transfer Credit</p>	

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<p>Individual department/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements. A cumulative degree grade point average of 3.0 or greater is required in those courses that constitute the program of study for graduation in the Faculty of Graduate Studies.</p>	
<p>5.8 Candidacy Examination</p> <p>The candidacy examination is an absolute requirement of the Faculty of Graduate Studies and, as such, cannot be waived under any circumstances. However, the format and content of the candidacy exam varies from unit to unit. The purpose of the candidacy exam in doctoral programs is to determine the student's competence in the discipline with respect to understanding and absorbing a broad spectrum of material, and then researching, identifying, analyzing, synthesizing, and communicating ideas about that material in depth.</p> <p>At the time specified by the advisory committee, normally within the first year after the completion of the Ph.D. program coursework, but in no case later than one year prior to expected graduation, the student must successfully complete the formal candidacy examination.</p> <p>The examination is conducted according to a procedure established by the department/unit which is approved and documented in departmental/unit supplementary regulations. The department/unit supplementary regulations state the format and composition of the examination committee for the candidacy examination. The candidacy examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours.</p> <p>This examination, which must be independent from the thesis proposal, may be oral, written, or both and may cover subjects relevant to the general area of the student's research. The structure of the exam must be made known to the student well in advance of the exam. In the case where there is a required oral component, the student must be physically present.</p> <p>A "pass" decision of the examiners must be unanimous. Students must be provided with feedback on their performance and access to the reasons for the pass/fail.</p> <p>The Dean of the Faculty of Graduate Studies must be informed whether the candidate has "passed" or "failed" the candidacy examination on the "<u>Report on Ph.D. Candidacy Examination</u>" form.</p> <p>Any student who fails the candidacy examination twice will be required to withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to withdraw".</p> <p>On successful completion of this examination, the student will be considered a candidate for the Ph.D. degree.</p>	<p>The Candidacy Exam should<u>will</u> take place within 24 months of registering in the program and after all course work has been completed. It will have an oral and written component. The student's advisor will be responsible for the administrative arrangements necessary for the written and oral elements of the Candidacy Exam.</p> <p>Each Candidacy Exam shall be tailored to the individual. The written element of the Candidacy Exam shall be based on a list of core readings in the field of <u>Native-Indigenous</u> Studies which will be developed by the INSGC. This list shall be reviewed at least once every two years.</p> <p>The proposed reading list will be organized under the following headings:</p> <ul style="list-style-type: none"> • Indigenous Scholarship • Theory and Method • Cultural Diversity • History • Law, Economy, Politics and Governance • Literature and Arts <p>Students will complete a total of three examination questions: one core question to be developed on an annual basis by INSGC, one question <u>on an important broad theme within Indigenous Studies from the Indigenous Scholarship list</u> to be developed by their advisory committee, and one question from an area of their choice also to be developed by their Advisory Committee. The students will have five working days to answer each question (i.e., 15 working days total) in 25 pages or less as a take-home exam. Each question will be handed out independently at the beginning of the week <u>that they will be</u> writing <u>the exam</u>. They will have up to five weeks to answer all the questions. <u>Any extenuating circumstances that arise during this process will be referred to INSGC for appropriate and fair direction and reported by the INSGC Chair to FGS.</u></p> <p>The written part of the exam will be graded on a pass/fail basis by the Advisory Committee. All written questions must be passed before moving on to the oral phase. A student has two</p>

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	<p>opportunities to pass the written exam <u>and two opportunities to pass the oral component</u>. A student shall have one opportunity to pass the oral exam. A single 'fail' of any component, oral or written, by any single committee member, will constitute a failed grade for the whole exam.</p> <p>The oral Candidacy Exam will be scheduled within one month of the successful completion of the final written question, will be conducted by the Advisory Committee, and will be chaired by the advisor. The oral examination will entail: Introduction by the Chair; explanation of procedures by the Chair; questions by the Advisory Committee members pertaining to the written answers and oral responses of the student; in camera determination by the Advisory Committee of pass/fail of the student's Candidacy Exam on a unanimous basis; completion of relevant Faculty of Graduate Studies forms.</p>
<p>5.9 Thesis Proposal</p> <p>Some departments/units have specific procedures in place for approval of thesis proposals and students are advised to refer to the specific department/unit supplementary regulations. If departments/units require thesis proposal approval, this exercise must be independent from the candidacy examination. Regardless, the proposed thesis research must be approved by the advisory committee and, if necessary, by the Human Research Ethics Board or Animal Care Committee before the work has begun on the thesis research or project.</p>	<p>The student will develop a dissertation proposal in consultation with the Advisory Committee. The proposal will:</p> <ul style="list-style-type: none"> • identify the main argument of the proposed work; • outline the proposed approach, theoretical orientation and/or methodology to be deployed; • review the most relevant scholarly studies in the field; • suggest the relevance of the proposed work <u>to the field or society</u>; • express the manner in which the dissertation will produce or extend knowledge; • review appropriate ethical considerations; and • establish timelines for phases of research and composition. <p>Normally a draft of the research proposal shall be prepared within eight months of completion of the Candidacy Exam. The length of the proposal will be determined by the advisor.</p> <p>The advisor will call an Advisory Committee meeting to formally consider the proposal. Students must submit a final draft of the proposal to each member of the Advisory Committee at least two weeks prior to the meeting. Written notice of the meeting must be provided to each member of the Advisory Committee by the advisor.</p>

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	<p>The proposal meeting will be chaired by the advisor and will involve introductions by the advisor, a presentation of the key issues involved in the proposal by the student, questions and comments from each Advisory Committee member, and in camera determination of the status of the proposal by the Advisory Committee. The Advisory Committee will either approve the proposal or provide instructions for redrafting and resubmission. Advisory Committee decisions must be unanimous.</p> <p><u>The advisor will direct the student to conduct research in a safe and ethical manner, referring to their respective ethics board and supervisor(s) as well as meet First Nation or MMF ethics requirements if pertinent to the student's area of research to ensure that respect is maintained for: national sovereignty, human dignity and/or animal welfare, vulnerable persons; informed consent; justice and diversity; confidentiality and privacy; intellectual sovereignty and rights; beneficence and non-maleficence in the work that they conduct. The student will submit ethics to all appropriate research ethics boards, and ensure that approval is received before research begins.</u></p>
<p>5.10 Thesis</p> <p>An essential feature of Ph.D. study is the candidate's demonstration of competence to complete a research project and present the findings. The thesis must constitute a distinct contribution to knowledge in the major field of study, and the research must be of sufficient merit to be, in the judgement of the examiners, acceptable for publication. The thesis must be written in English unless otherwise approved by the department/unit and Faculty of Graduate Studies.</p> <p>The thesis must be written according to a standard style acknowledged within the candidate's particular field of study and recommended by the department/unit, be lucid and well-written, and be reasonably free from errors of style and grammar (including typographical errors).</p> <p>The final version of the thesis must be submitted by the candidate to the Faculty of Graduate Studies following the guidelines found on the <u>website</u>.</p>	<p><u>The thesis may contain significant sections in Indigenous languages so long as those sections are also translated into English.</u></p>
<p>5.11 Thesis Examination Procedures</p> <p>The final examination for the Ph.D. degree proceeds in two (2) stages:</p> <ol style="list-style-type: none"> 1. Examination of the candidate's thesis by the examining committee; 2. Oral examination of the candidate by all examiners on the subject of the thesis and any matters relating thereto. 	

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Desautels Faculty of Music.

Observations

1. The **Desautels Faculty of Music** proposes M.Mus. supplementary regulation changes. The changes are extensive throughout the document in order to provide more clarity and specificity where it serves to protect the student while allowing for increased flexibility when it is in the best interests of the student and the M.Mus. program. Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Desautels Faculty of Music

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.



**University
of Manitoba**

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26 October 2021

Dr. Kelley Main, Acting Dean
Dr. Randall Jamieson, Associate Dean
Faculty of Graduate Studies
University of Manitoba
500 University Centre
Winnipeg, MB R3T 2N2

Dear Drs. Main and Jamieson:

Please find attached a Word document containing proposed revisions to the current FGS Supplemental Regulations for Music (M.Mus. programs), approved by the DFOM Faculty Council on 25 October 2021. I have also attached an itemized summary that includes rationales for individual changes. This is the most extensive revision of the supplemental regulations for the M.Mus. in at least a decade. The existing policies and language are unnecessarily complex, outdated, and they often do not reflect accurately the current practices and administrative structure of the unit. The guiding principle of this exercise has been to focus on what is in the best interests of our students and the overall integrity of the M.Mus. programs. To that end, we have simplified policies and attempted to eliminate unnecessarily prescriptive regulations and language wherever possible. Moreover, the updated regulations provide more clarity and specificity where it serves to protect the student while allowing for increased flexibility when it is in the best interests of the student and the M.Mus. programs.

I recognize that these are extensive and substantive revisions, and I am grateful the FGS deans, support staff, and especially to the members of the relevant FGS committees for taking the time and effort to review this material. I look forward to working together to improve these regulations at each stage of the approval process.

Please contact me at james.maiello@umanitoba.ca should you have questions or concerns, or should you require additional information.

Thank you for your consideration in this matter.

Sincerely,

James V. Maiello, Ph.D.
Associate Dean, Graduate Programs & Research
Associate Professor of Musicology

enc. (2) Proposed Revisions to FGS Supplemental Regulations for Music
Summary of Proposed Revisions to FGS Supplemental Regulations for Music

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Desautels
FACULTY of MUSIC

umanitoba.ca/music

Summary of Proposed Revisions to FGS Supplemental Regulations for Music (M.Mus.)

Sec. 1.1 Application & Admissions Procedures

1. Contact information for Desautels Faculty of Music has been updated to reflect correct official address.
2. Audition requirements and procedures have been simplified and updated to remove confusing and unnecessarily prescriptive language, language, and requirements, and to reflect the current administrative structure of the unit. The existing requirements for auditions are outdated and prohibitively prescriptive, setting unrealistic conditions for audition panels and procedures. For example, the prescription of DVD or VHS media formats is no longer relevant, and there is no substantive reason for such specific language governing audition panel composition and off-site auditions. The concentration-specific requirements are similarly problematic. Moreover, the audition and review procedures no longer reflect the current administrative structure of the unit, which has grown significantly in the last decade. For example, the recent creation of Area Head positions has rendered it unnecessary for a Graduate Committee (now the Graduate Program Committee) member sit on all graduate audition panels.
3. The application review process has been simplified and updated to remove confusing and unnecessarily prescriptive language and requirements, and to reflect the current administrative structure of the unit. For example, Area Heads now assess audition/application materials and make recommendations for admission to the Dean, who in turn makes all recommendations for and offers of admission in consultation with appropriate faculty/staff.

Sec. 1.1.10 Admission Tests

1. Reinstatement of Music History Diagnostic Examination to parallel current diagnostic examination in Music Theory.
2. Revision of policies on remediation of music theory/history deficiencies to indicate undergraduate coursework as the normal means of remediation.

Sec. 2.3 Academic Performance

1. Deletion due to redundancy. Information appears under heading 4.6.4, Performance in Coursework; it is more appropriate there.

Sec. 4.2 Admission

1. Revised criteria for admission of qualified students. Current language excludes many qualified students on a technicality of language, for example those who hold a B.A. in Music because the administrative structure of their undergraduate institution houses the music program within a Faculty of Arts or similar unit (common in the United States).
2. Simplification of policy on provisional admission based on video auditions.

Sec. 4.3.1 Thesis/Practicum Route (General Regulations)

1. Simplification of language outlining general requirements for the M.Mus., including elimination of numerous redundancies. The current language is unclear and unnecessarily complicated. Moreover, it is inaccurate and misleading, presenting recommended elective courses alongside requirements.
2. Updating of requirements for music theory and musicology coursework to reflect increased academic course offerings.
3. Change in elective requirement for M.Mus.—Composition to allow courses outside Faculty of Music.
4. Change in requirement to allow substitution of MUSC 7600: Advanced Orchestration for students who have already taken the course at UM. This eliminates the need for exception requests in such cases, which have become increasingly common as more B.Mus.—Composition student elect to stay at UM for graduate study.

Sec. 4.3.4 Language Reading Requirements/Second-Language Requirement

1. Elimination of Second Language Requirement for M.Mus. programs to align with current practices at peer institutions in the U15 and in the discipline more broadly. An environmental scan of U15 institutions has revealed that UM is the only one in which such a requirement exists for master's level programs in performance, composition, and conducting. The faculty supervising M.Mus. students have also indicated that the requirement as it stands provides insufficient benefit to the students to justify the burden it places on them.

Sec. 4.3.7 Time in Program

1. Simplification of language detailing time in program requirements. *Inter alia*, this eliminates a loophole by which M.Mus. students who have completed another degree at UM may circumvent the minimum time-in-program requirement and provides flexibility in the event that remote instruction is necessary.

Sec. 4.4.1 Student's Advisor/Co-Advisor

1. Simplification of language outlining policies regarding Advisors and removal of unnecessary and redundant verbiage. Most of the language in the current regulation is unnecessary, addressed in the Advisor-Student Guidelines, other sections of the FGS Supplemental Regulations, and existing UM policies.

Sec. 4.6 Advisory Committee

1. Simplification of language outlining policies regarding Advisory Committee and removal of unnecessary and redundant verbiage. Like Section 4.4.1, most of the language in the current regulation is unnecessary, addressed in the Advisor-Student Guidelines, other sections of the FGS Supplemental Regulations, and existing UM policies.

Sec. 4.6.5 Performance not Related to Coursework

1. Removal of vague, sometimes inappropriate requirements and those that are not able to be evaluated objectively. Replacement with requirements that may be evaluated concretely. I am particularly concerned that these might create opportunities for discrimination or inequitable treatment of students in the same way that vague "professionalism," "character," and "moral turpitude" clauses have been weaponized in the past.
2. Revision of wording for clarity throughout.

Sec. 4.7.1.1 Thesis/Practicum Route

1. Clarification of policies governing thesis/practicum proposals and Pre-Recital Hearings for each M.Mus. concentration at the request of respective Area Heads and faculty. The current language is vague, complex, and inconsistent among concentrations. The policies governing the Pre-Recital Hearing, for example do not articulate clearly and concretely the possible outcomes or the procedures and timeline for any remediation required.
2. Similarly, the concentration-specific requirements regarding thesis/practicum proposals and other details are unclear and inconsistent. These have been revised for clarity and to provide more concrete procedures and timelines.

Sec. 4.7.1.2 Examining Committee

1. Simplification of policies and language related to Examining Committee to reflect current FGS Supplemental Regulations and to eliminate unnecessary and prohibitively prescriptive requirements.

Sec. 4.7.1.3 Oral Examination

1. Simplification of language for clarity.
2. Specification of timeline for submission of Examining Committee's written report.

Sec. 4.8. Style and Format (Thesis/Recital)

1. Revision of M.Mus.—Performance thesis/practicum requirement for one recital and a research paper option to provide clarity on content, scope, and format. Simplification of language for clarity. For example, replacing "thesis" with "research paper" eliminates confusion with true thesis-based programs. In addition, current guidelines governing content, scope, and length of current "thesis" are insufficiently vague.
2. Revision of M.Mus.—Composition thesis/practicum requirement to reflect current practice. Changes were ratified several years ago by DFOM Faculty Council but never represented in FGS Supplemental Regulations. Simplification of language for clarity.
3. Revision of M.Mus.—Conducting thesis/practicum requirement to reflect current pedagogical approaches and norms at peer institutions in the U15. Combination of portfolio assessment and recital replaces older thesis/practicum options. Simplification of language for clarity.

Supplementary Regulations Faculty of Graduate Studies (FGS)

Name of Unit/Program: Music (M.Mus.)

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
<p>The Faculty of Graduate Studies Academic Guide contains all the rules and policies pertaining to the Faculty of Graduate Studies. Adherence to these rules is of utmost importance for the effective functioning/operation of programs and for guiding and monitoring the progress of students. The integrity of the process is at stake. The major goal of this guide is to prevent potential problems that may affect the completion of a student's program. It is the responsibility of students and the department/unit offering a graduate program to read and follow the policies contained herein.</p> <p>All regulations as laid out in the Faculty of Graduate Studies Academic Guide are subject to revision by the appropriate bodies of the Faculty of Graduate Studies. This compendium is presented as the most recent set of regulations as a guideline for students and staff. Individual departments/units may have additional regulations that supplement these general regulations. All such supplementary procedures and regulations must be approved as specified by the By-Laws of the Faculty of Graduate Studies, be published and available to students, and kept on file in the Faculty of Graduate Studies Office.</p> <p>For those programs that are administered through a Faculty (as opposed to a Department) the term "Department" should be substituted by "Unit" within this document (i.e. Department Head becomes Unit Head.)</p> <p>PREFACE</p> <p>The Faculty of Graduate Studies is a pan-University faculty charged with the oversight of the administration of all graduate programs at the University. Therefore these regulations apply to all graduate students in all programs in all academic units. Individual units may require specific requirements above and beyond those in the following document, and students should consult unit supplementary regulations for these specific regulations. All unit supplementary regulations require approval of the Faculty of Graduate Studies.</p> <p>Definitions</p> <p>The "Dean, Faculty of Graduate Studies" shall be taken to mean the Dean, Faculty of Graduate Studies or designate.</p> <p>"Unit" shall be taken to mean the academic unit where the graduate student is pursuing his/her studies. Generally, this is the department. For Faculty-based programs, the Dean is the <i>de facto</i> Head of the unit. The term "unit" shall also include Schools of Faculties within the University. The Dean of the Faculty of Graduate Studies is the <i>de facto</i> <u>Head of interdisciplinary programs administered by the Faculty of Graduate Studies</u>. The Head of any unit may designate any of his/her responsibilities in this policy to another member of the unit, such as the Graduate Chair.</p>	
<p>1.1 Application and Admission Procedures</p> <p>The application (and all required documentation) is to be submitted directly to the Faculty of Graduate Studies via the online application system. Applicants should contact the department/unit to which they are applying for the procedures and requirements which are specific to the program of application. Contact information for each department/unit can be found on the <u>Graduate programs of study website</u>.</p> <p>1.1.1 Process:</p> <p>1.1.1 (a) A completed official application for admission form must be submitted, together with the application fee and supporting documentation, to the Faculty of</p>	<p>Desautels Faculty of Music University of Manitoba 15036 Dafoe Road - Taché Arts Complex Winnipeg, MB R3T 2N2 Canada</p> <p>Phone: 204.474.9310 Fax: 204.474.7546 Email: music@umanitoba.ca</p>

Graduate Studies, via the online application system. **Note:** International students must pay special attention to the appropriate requirements with respect to transcripts (see application form for details).

1.1.1 (b) Applications are subsequently reviewed by the unit offering the program which will decide whether the applicant meets the unit's criteria including, but not limited to, availability of advisors, space, and facilities.

1.1.1 (c) Notification of recommended/rejected applications is sent by the Head of the unit to the Faculty of Graduate Studies. Applications recommended for admission are checked to determine if they meet the Faculty of Graduate Studies' eligibility requirements. The Faculty of Graduate Studies then notifies applicants of their acceptance or rejection.

The application process consists of two parts, audition and review:

Audition:

All applicants must audition as a part of their application process. The purpose of the audition is to evaluate the candidate's preparation and skill level in the proposed area of study and to assess their suitability for the M.Mus. program in the Desautels Faculty of Music (hereafter DFOM). Although in-person auditions are normally held on campus, the audition may occur off-site. Video auditions may also be submitted; audio-only applications are not acceptable. Submission must be of sufficient quality (as determined by the assessors) to assess the level of performance.

The audition will include an interview to assess the applicant's preparation and potential to complete the M.Mus. program successfully within normative time.

All applicants should contact the appropriate Area Head for details of audition requirements, as some departments require pre-approval of audition programs.

The application process takes place in two successive stages:

Stage 1 — Audition

- ~~1. All applicants must audition as a part of their application process. The purpose of this audition is to evaluate the candidate's level of performance/composition/conducting and their suitability for the Master's program at the Faculty of Music. This audition will normally be reviewed by at least three members of faculty, a group that may or may not include the Dean, Associate Dean, and/or Graduate Chair. At least one member of the audition panel must be a member of the Faculty of Music graduate committee. The audition is weighted as 75% of the application process.~~
- ~~2. If a student wishes to undertake major practical study with a specific teacher, that teacher will normally be present at the audition and have the major role in determining whether or not the student has an acceptable level of performance/composition/conducting ability to enter his/her studio.~~
- ~~3. If distance from the University of Manitoba Faculty of Music makes a larger panel impracticable, the audition portion of the application process may occur at an audition site off-campus, and in this case may be conducted by only one faculty member, with the understanding that the Graduate Committee will review this application, including the written notes of the audition process.~~

- ~~4. The audition may also be submitted on video (DVD preferred [region 1 or 0], VHS NTSC format acceptable); audio-only applications are not acceptable. The submitted video must be of sufficient quality to assess the performance level; the assessment of the quality level of the video shall be at the discretion of the audition committee. Video auditions will normally be assessed by three faculty members (as in paragraph 1 above).~~
- ~~5. Specific audition requirements are listed below by discipline. Please note that all applicants must contact the appropriate faculty for details of audition requirements, as some departments require pre-approval of audition programs.~~
- ~~6. The audition will include an interview (via telephone if necessary) to explore the applicant's professional goals and suitability to fulfill those goals. This interview is weighted as 25% of the application process.~~
- ~~7. A written assessment/ranking of the audition shall be signed by all present and submitted to the Graduate Chair.~~

Specific Audition Requirements by Concentration:

Performance:

Students may apply in the following specialty areas within the performance concentration: standard orchestral and wind ensemble instruments; voice; keyboard instruments (piano, organ, harpsichord); collaborative piano; guitar; jazz performance.

Applicants must submit a curriculum vitae that includes details of performance experience and repertoire. Applicants must audition with a program that represents a variety of historical periods and contrasting musical styles; sight-reading skills may be assessed as part of the audition.

Composition:

Applicants must submit a portfolio of works demonstrating their ability to control musical form and content in a variety of musical genres (orchestral, chamber, solo, vocal, dramatic, electroacoustic, etc.). Recordings should be included wherever possible. Applicants must also submit a curriculum vitae detailing their experience in the area of composition and in the field of music in general. Finally, applicants should include a cover letter describing their interests in the field, and discussing what they intend to gain from studies at the DFOM.

Conducting:

Applicants must submit: a preliminary pre-screening conducting video, including a minimum

of 10 minutes of rehearsal and 10 minutes of performance (camera facing the conductor); lists of repertoire conducted in performance and rehearsal, respectively; lists of repertoire in which they have performed as an ensemble member (list up to 10 substantial works); a curriculum vitae detailing experience field (conducting, teaching, performing, etc.).

Applicants invited to audition in person will normally be required to conduct one or two pieces in rehearsal with a university ensemble, to be assigned from that ensemble's current repertoire. Instrumental conducting applicants will be required to display proficiency in score reading skills, which may include sight-singing, rhythmic reading, and oral score overview and analysis. Choral conducting applicants will be required to perform a vocal selection of their choice (pianist will be provided); to display proficiency in sight singing and open score reading at the keyboard

Specific Audition Requirements:

Performance:

Students may apply in the following specialty areas within the performance concentration:

- Standard Orchestral and Wind Band Instruments;
- Voice;
- Keyboard instruments (Piano, Organ, Harpsichord);
- Collaborative Piano;
- Guitar;
- Jazz.

All applicants are to submit a curriculum vita that includes details of performance experience and repertoire.

Applicants are required to audition with a program of works representing a variety of historical periods and exhibiting a variety of contrasting styles. The program for the audition should be of sufficient length to allow for this; please contact the area coordinator for approval of the proposed program.

The audition may involve sight-reading; contact the appropriate faculty prior to the audition for details. (In the case of a DVD/video audition, sight reading abilities, if required, will be evaluated during the follow-up audition after the student arrives on campus).

Composition:

Applicants are to present a portfolio of works demonstrating their ability to control musical form and content in a variety of musical genres (orchestral, chamber, solo, vocal, dramatic,

~~electroacoustic, etc.); recordings are to be included wherever possible. Applicants must also submit a curriculum vita detailing their experience in the area of composition and in the field of music in general. In addition, applicants should include a letter describing their particular interests in their field, and discussing what they wish to gain from studies at the Faculty of Music.~~

Conducting:

~~Applicants are required to submit:~~

- ~~• a preliminary video (DVD preferred [region 1 or 0], VHS NTSC format acceptable) of their rehearsal (minimum 15 minutes) and performance (minimum 15 minutes) conducting (camera facing the conductor);~~
- ~~• a list of repertoire they have conducted (a) in performance; (b) in rehearsal;~~
- ~~• an analysis of a piece of music from a theoretical/conducting standpoint (form; harmonic, melodic, rhythmic structure; technical challenges for the players; technical and musical challenges for the conductor). Applicants should consult with the conducting faculty regarding the specific piece to be analyzed;~~
- ~~• a curriculum vita detailing their experience both in the area of composition and in the field of music in general.~~

~~Applicants will be required to conduct two pieces in rehearsal with university ensembles (normally the University Singers, University Wind Ensemble, or University Symphony Orchestra, as appropriate to the desired area of specialization). The repertoire chosen for the audition must represent contrasting styles, and at least one of the selections should be a piece with which the ensemble is already somewhat familiar. Repertoire must be approved by the conducting faculty prior to the audition.~~

~~The conducting audition will normally last 20 to 30 minutes.~~

~~Instrumental conducting applicants will be required to:~~

- ~~• coach a chamber ensemble (20 or 30 minutes);~~
- ~~• perform selections of their choice on their main instrument or voice;~~
- ~~• display proficiency in sight singing and rhythmic reading.~~

~~Choral conducting applicants will be required to:~~

- ~~• perform vocal selections of their choice;~~
- ~~• display proficiency in sight singing and keyboard score reading;~~

Review:

The DFOM will ensure that auditions are heard by qualified assessors, normally members of the instructional faculty. The appropriate Area Head will review applications, including assessors' written assessments of the audition and interview. Each Area Head will submit a ranked list of candidates recommended for admission to the Dean. Acceptable candidates who are not recommended for admission due to lack of space shall be placed on a waiting list.

Bachelor of Music graduates of the University of Manitoba are not granted automatic acceptance into the Master of Music program. University of Manitoba Bachelor of Music students in their final year of study may request that their final recital serve as the audition for the Master of Music program. Such a request must be made in writing to the DFOM Office at least 30 calendar days prior to the recital date.

Stage 2 — Review

1. The files of all applicants who pass the audition process will be reviewed by the Graduate Committee with regard to grades, prerequisite degree programs, demonstrated writing ability, GPA admission standing, etc. The Graduate Chair or designate, or other administrator such as the Dean or Associate Dean shall be present at this review. In consultation with the Dean's office, the Graduate Committee will make up a prioritized list of candidates, with recommendations for acceptance going out from the top of the list. Those acceptable but who are not recommended due to lack of space shall be placed on a waiting list.

2. All applications recommended for acceptance will be forwarded to the Faculty of Graduate Studies, which will make the final decisions on admission.

N.B. (Note):

Bachelor of Music graduates of the University of Manitoba Faculty of Music are not granted automatic acceptance into the Master of Music program. They will be assessed on an equal basis with external candidates with regard to auditions, grades, and other factors. University of Manitoba Bachelor of Music students in their final year of study may request that their senior recital serve as the audition for the Master of Music program. Such a request must be made in writing to the music office at least one month prior to the date of their senior recital.

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<p>1.1.2 Deadlines for Recommended Applications (from Departments/Units to the Faculty of Graduate Studies)</p> <p>The following are the deadlines for receipt by the Faculty of Graduate Studies of recommendations from departments/units.</p> <table><tr><th>Term</th><th>Start Date</th><th>Canadian/US</th><th>International</th></tr><tr><td>Fall</td><td>September</td><td>July 1</td><td>April 1</td></tr><tr><td>Winter</td><td>January</td><td>November 1</td><td>August 1</td></tr><tr><td>Summer</td><td>May</td><td>March 1</td><td>December 1</td></tr></table> <p>IMPORTANT: <u>These are not application deadlines.</u> Applicants are required to submit the application and documentation to the Faculty of Graduate Studies to meet the application deadline in place for a particular department/unit. Deadlines vary depending on the program to which the applicant is applying and whether the applicant is domestic or international. Deadlines can be found by clicking the appropriate application program page on the <u>Graduate programs of study website</u>.</p>	Term	Start Date	Canadian/US	International	Fall	September	July 1	April 1	Winter	January	November 1	August 1	Summer	May	March 1	December 1	<p>For upcoming application deadlines, please consult the Graduate Program Page: https://umanitoba.ca/explore/programs-of-study/music-mmus</p>
Term	Start Date	Canadian/US	International														
Fall	September	July 1	April 1														
Winter	January	November 1	August 1														
Summer	May	March 1	December 1														
<p>1.1.3 Application Fee</p> <p>A \$100.00 (CDN) non-refundable fee must accompany an application for admission. The Physician Assistant Studies and Orthodontics programs charge an additional fee of \$25 and \$50, respectively.</p>																	
<p>1.1.4 Transcripts</p> <p>Unofficial copies of transcripts and final degree certificates are acceptable for initial assessment and provisional admission purposes. Upon admission to the Faculty of Graduate Studies, applicants must arrange for official transcripts from all post-secondary institutions attended to be sent to the Faculty of Graduate Studies, within one (1) month of the date on the admission letter. Applicants will be placed on hold, which prevents registration until all admission requirements have been submitted. All transcripts must arrive in sealed, university-stamped envelopes sent directly from the issuing institution(s) and be accompanied by official and literal English translations (Please refer to Transcripts: International below). For international degrees or where the transcripts does not or will not clearly state that a degree has been conferred, a copy of the official degree certificate is also required.</p>																	
<p>1.1.5 Transcripts: International</p> <p>Where academic records from a country other than Canada are produced in a language other than English, the applicant must arrange for the submission of official literal English translations of all records. To be official, original language documents and English translations must arrive together in envelopes which have been sealed and endorsed by the issuing institution. For international degrees, a copy of the official degree certificate is also required.</p>																	
<p>1.1.6 Transcripts: University of Manitoba</p> <p>University of Manitoba students are not required to submit University of Manitoba transcripts.</p>																	
<p>1.1.7 Proficiency in English</p> <p>A successfully completed English Language Proficiency Test from the approved list is required of all applicants unless they have received a secondary school diploma and/or university degree from Canada or one of the countries listed on the English Language Proficiency Test Exemption List (see 1.1.8). The Faculty of Graduate Studies requires a passing, acceptable English Language Test score in order to offer admission. Please note: In all cases, test scores older than two (2) years (from the time of completing the test) are invalid.</p> <p>Thresholds required for successful completion are indicated in parentheses.</p>																	

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<ul style="list-style-type: none"> • Test of English as a Foreign Language (TOEFL) Internet based -iBT® (86; minimum score of 20 in each of reading, writing, listening and speaking categories). The “best score” will not be considered for admission. Only individual test scores will be used to meet the minimum requirements. • Canadian Test of English for Scholars and Teachers (CanTEST®) (band 4.5 in listening and reading and band 4.0 in writing and oral interview) • International English Language Testing System (IELTS™) (6.5 in the Academic Module) • Academic English Program for University and College Entrance (AEPUCE) (65%) • PTE Academic (61% overall) <p>Note:</p> <p>In addition, foreign language students may be asked by the department/unit to complete the CanTEST prior to or following registration in the Faculty of Graduate Studies and, if need be, the department/unit may recommend remedial measures in language skills based on the results of the CanTEST. Some units may require a specific test or test scores greater than those indicated above. Students should check department/unit supplementary regulations for details.</p>	
<p>1.1.8 English Language Proficiency Test Exemption List</p> <p>Applicants holding secondary school diplomas and/or recognized university degrees from countries on the Faculty of Graduate Studies English Language exemption list are not required to submit an English Language Proficiency score. For more information please see our website.</p>	
<p>1.1.9 Letters of Recommendation</p> <p>Letters of Recommendation are to be completed via the online application. Recommendation letters submitted via post or email are not accepted. Applicants are required to add their ‘Recommendation Provider(s)’ contact information so that each recommender is sent an automated email notification.</p> <p>Generally, two (2) Letters of Recommendation must be submitted to the Faculty of Graduate Studies. For the number of recommendation letters necessary, applicants should review their specific Graduate programs of study website.</p>	
<p>1.1.10 Admission Tests</p> <p>Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the supplementary regulations of the particular department/unit, and if required, the scores must be submitted at the time of application.</p>	<p><u>Students admitted to the M.Mus. program must demonstrate knowledge of music theory and music history comparable to that of B.Mus. graduates of the DFOM. This will normally be assessed by diagnostic examinations administered by the DFOM prior to the first day of fall-semester classes. Appropriate review materials will be made available to students in advance of the diagnostic examinations.</u></p> <p><u>Incoming graduate students who do not achieve satisfactory results on any component of these diagnostic examinations may be required to undertake remediation. Such remediation will normally take the form of successful completion of undergraduate coursework in the DFOM, which will not count for credit toward the M.Mus. Students admitted to the Master of Music program at the University of Manitoba are expected to possess a certain breadth and depth of knowledge of music theory.</u></p>

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	<p>To help ensure this, all incoming graduate students will be given a diagnostic examination to assess their knowledge of the theoretical aspects of tonal and post tonal music. This diagnostic examination will normally be given during the week preceding the first week of classes in the Fall. The material on this examination will correspond to that studied in the Faculty's undergraduate courses in music theory. Details of suitable review materials will be sent to all incoming graduate students, and may be found along with a sample of a previous exam, on the Faculty of Music's website.</p> <p>Incoming graduate students who do not achieve satisfactory results on any portion of this diagnostic examination may be required to do remedial work as a co-requisite or pre-requisite to their graduate program; such work, in the form of course or other requirements, will not count for credit toward the Master of Music degree and must be taken under the occasional student status (OS). Graduate students taking remedial coursework specified as a pre-requisite to a graduate course are required to meet the minimum requirements of the undergraduate degree program.</p>
<p>1.1.11 Entrance Requirements</p> <p>The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) or equivalent in the last two (2) previous years of full time university study (60 credit hours).</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p><u>The DFOM will decide whether the applicant meets its internal admission criteria, which may include consideration of the availability of space, facilities, and advisors, as well as the needs of program areas.</u></p> <p><u>Applicants must meet all Faculty of Graduate Studies entrance and eligibility requirements; final offers of admission are made by FGS. The Faculty of Music will decide whether the applicant meets its admission criteria; in addition to program admission criteria, this decision may include consideration of the availability of space, facilities, and advisors, as well as the balance of program areas.</u></p> <p><u>Complete recommended applications are sent to the Faculty of Graduate Studies, to ensure that the applicant meets the eligibility requirements of the Faculty of Graduate Studies. The Faculty of Graduate Studies notifies applicants of their acceptance or rejection.</u></p>
<p>1.1.12 Eligibility of University of Manitoba Staff Members</p> <p>A staff member at The University of Manitoba at the rank of Assistant Professor or above is not eligible to apply for admission to a graduate program in the department/unit in which the appointment is held.</p>	
<p>1.2 Registration Procedures</p> <p>1.2.1 Registration</p> <p>Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of GRAD 7500, unless prior permission is granted by the</p>	

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<ul style="list-style-type: none"> • Project; • Accredited Professional; • Major research paper. 	
<p>4.2 Admission</p> <p>Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:</p> <ul style="list-style-type: none"> • Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from: <ul style="list-style-type: none"> ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies. • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see <u>General Regulations - Pre-Master's</u>); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p><u>Applicants must normally hold an undergraduate degree with a major in music from an institution recognized by the Faculty of Graduate Studies (e.g. Bachelor of Music, Bachelor of Arts with a major in Music, etc.). The DFOM may recommend for admission applicants holding other qualifications (e.g. conservatory diplomas) on the basis of exceptional professional experience and accomplishment.</u></p> <p><u>Applicants admitted on the basis of a video audition will be granted provisional status in the M.Mus. program pending a successful live audition after the student's arrival on campus.</u></p> <p>Applicants must normally hold a four-year music degree from an institution recognized by the Faculty of Graduate Studies; however, after completing an admissions screening process, the Faculty of Music may recommend to the Faculty of Graduate Studies a small number of highly experienced and gifted individuals who do not hold the required degree. These may include graduates of conservatory diploma programs taken in residence or individuals whom the Faculty of Music considers to be qualified for admission by virtue of professional experience and academic and musical ability as demonstrated in the admissions process. It is expected that the number of students admitted per year in this second category normally will not exceed 15% of the total number of students admitted into the Master of Music program over the previous five-year period.</p> <p>Individuals who may apply for admission to the Master of Music program include:</p> <p>a) persons who have completed a four-year undergraduate music degree program recognized by the Faculty of Graduate Studies and comparable to the Bachelor of Music at the University of Manitoba with a minimum of 3.0 GPA in the last 60 credit hours (or their equivalent);</p> <p>b) those who hold a conservatory diploma which is offered in residence or who have meaningful professional experience and are able to demonstrate:</p> <ul style="list-style-type: none"> • The requisite skill and talent in their area of proposed major practical study; and • An ability to meet the academic standards of the M.Mus. program. <p>These qualifications are to be demonstrated by audition/interview and the presentation of a</p>

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	<p>portfolio detailing relevant experience/professional activity and either evidence of successful academic work at the university level or other post-secondary training or successful completion of the Miller Analogies Test.</p> <p>N.B. (Note): Students holding both a three-year diploma (or degree) and the Post Baccalaureate Diploma in Performance (PBDP) fall into two groups and will be assessed as follows:</p> <ol style="list-style-type: none"> 1. Students who hold both a three-year diploma (or degree) which is recognized by the Faculty of Graduate Studies and also the PBDP are considered to have the equivalent to the four-year music degree and therefore fall into category a) above, i.e.: not considered in the 15% quota; 2. Students who hold both a three-year diploma (or degree) which is not recognized by the Faculty of Graduate Studies and the PBDP are not considered to have the equivalent to the four-year degree and therefore fall into category b) above, i.e.: considered in the 15% quota. <p>Because of the non-degree exceptional admission option. All music applicants will initially be evaluated by the Faculty of Music and then screened by the Faculty of Graduate Studies.</p> <p>Applicants who submit their audition on video and pass the audition process will be granted provisional status in the M.Mus. program; a clearing of this provision is subject to the results of a follow-up audition after the student's arrival on campus.</p>
<p>4.3 Program Requirements</p> <p>In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. Any single course cannot be used for credit toward more than one program.</p>	
<p>4.3.1 Thesis/Practicum Route</p> <p>A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	<p>The DFOM offers the Thesis/Practicum route to the M.Mus.</p> <p>Coursework:</p> <p>Core Courses Required by all M.Mus. Students:</p> <p>7000-level musicology course (e.g. MUSC 7000, MUSC 7100, or similar) (3 CRH)</p> <p>MUSC 7050: Bibliography and Research Methods (3 CRH)</p> <p>MUSC 7110: Music Theory Seminar (3 CRH) Students who achieve satisfactory evaluations on all components of the music theory diagnostic exam may substitute another 7000-level music</p>

[theory/analysis course with the permission of the instructor.](#)

[MUSC: 7400 Major Practical Study 1 \(3 CRH\)](#)

[MUSC: 7410 Major Practical Study 2 \(3 CRH\)](#)

[GRAD 7030: Thesis/Practicum \(0 CRH\)](#)

[Additional Coursework by Concentration:](#)

[Performance: Core plus 9 CRH:](#)

[Additional requirements:](#)

[MUSC 7180: Ensemble \(3 CRH\)](#)

[MUSC Elective \(3 CRH\)](#)

[MUSC Elective \(3 CRH\)](#)

[Composition: Core plus 9 CRH:](#)

[Additional requirements:](#)

[MUSC 7600: Advanced Orchestration \(3 CRH\)](#)

[M.Mus. students who have successfully completed MUSC 7600 prior to enrolment in the M.Mus. program may substitute 3 CRH of elective coursework.](#)

[MUSC 7810: Electroacoustic Music \(3 CRH\)](#)

[Elective \(3 CRH\)](#)

[Conducting: Core plus 9 CRH:](#)

[Additional requirements:](#)

[MUSC 7180: Ensemble \(3 CRH\)](#)

[MUSC Elective \(3 CRH\)](#)

[MUSC Elective \(3 CRH\)](#) The Faculty of Music offers the Thesis/Practicum Route to the M.Mus. degree.

[It is expected that works chosen for the thesis/practicum recital, and other performance/conducting work during the student's degree program will include a broad historical and stylistic range of music, including the music of one's own time. The specifics of the nature, style and quantity of such work are to be decided in consultation between the student, his/her Advisor and his/her Advisory Committee, and may take the form of recital repertoire, chamber music, performance of student compositions, and/or ensemble work.](#)

[Required Courses by discipline](#)

[Each discipline has the same core group of required courses, with additional discipline-specific requirements.](#)

[With the exception of the composition program, which has no ensemble requirement, the 3-credit hour ensemble requirement for the Master's Degree will be fulfilled through participation in one or more ensembles over the course of the student's degree program.](#)

~~In all cases ensembles and electives are to be chosen in consultation with the Advisor.~~

Core courses required by all students are:

- ~~MUSC 7000 Music History Seminar (3 ch)~~
- ~~MUSC 7050 Bibliography and Research Methods (3 ch)~~
- ~~MUSC 7110 Music Theory Seminar (3 ch)~~
- ~~MUSC 7400 Major Practical Study 1 (3 ch)~~
- ~~MUSC 7410 Major Practical Study 2 (3 ch)~~
- ~~GRAD 7030 Thesis/Practicum (0 ch — Pass/Fail)~~

Performance — Core plus 9 Credit Hours:

~~Additional requirements — 9 credit hours, normally drawn from:~~

- ~~MUSC 7180 Ensemble (3 ch)~~
- ~~MUSC 7xxx Elective (3 ch)~~
- ~~MUSC 7xxx Elective (3 ch)~~

~~Different performance disciplines have specific requirements, as follows:~~

~~Strings:~~

~~MUSC 7180 Ensemble (3 ch) — University Orchestra, Chamber Music, Winnipeg Symphony Orchestra, Manitoba Chamber Orchestra.~~

~~Voice:~~

~~MUSC 7180 Ensemble (3 ch) — Cantata Singers, Opera Workshop, Manitoba Opera Association or other approved professional organization, University Singers, New Music Ensemble.~~

~~Additional voice recommendations:~~

- ~~MUSC 7060 Advanced Diction 1 (1 ch)~~
- ~~MUSC 7070 Advanced Diction 2 (1 ch)~~

~~Piano:~~

~~MUSC 7380 Piano Repertoire Seminar (2 ch) (recommended).~~

~~Collaborative Piano:~~

- ~~MUSC 7180 Ensemble (3 ch) — Sonata Duo~~
- ~~MUSC 7390 Piano Chamber Music Literature Seminar (2 ch)~~
- ~~MUSC 7060 Advanced Diction 1* (1 ch)~~
- ~~MUSC 7070 Advanced Diction 2* (1 ch)~~

~~*N.B. (Note): Participation in one of the Song Repertoire classes listed below is required to complete the diction courses (Lab equivalent):~~

~~Song Repertoire I — Italian Song Literature. Listening assignments, performances, and presentations. Pianists will be expected to coach singers as assigned by the instructor.~~

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	<p>Song Repertoire II – German Song Literature. Listening assignments, performances, and presentations. Pianists will be expected to coach singers as assigned by the instructor.</p> <p>Song Repertoire III – French Song Literature. Listening assignments, performances, and presentations. Pianists will be expected to coach singers as assigned by the instructor.</p> <p>Additional collaborative piano recommendations:</p> <ul style="list-style-type: none"> • MUSC 7530 Operatic Piano (2 ch) <p>Composition – Core plus 9 Credit Hours:</p> <p>Additional requirements:</p> <ul style="list-style-type: none"> • MUSC 7600 Advanced Orchestration (3 ch) • MUSC 7810 Electroacoustic Music (3 ch) • MUSC 7xxx Elective (3 ch) <p>Conducting – Core plus 9 Credit Hours:</p> <p>Additional requirements, all conducting students:</p> <ul style="list-style-type: none"> • MUSC 7xxx Elective (3 ch) • MUSC 7xxx Elective (3 ch) <p>Additional Instrumental Conducting Requirements:</p> <p>MUSC 7180 Ensemble (3 ch) – Participation as a performer in any one of the following University of Manitoba Ensembles: Orchestra, Wind Ensemble, Concert Band.</p> <p>Recommended:</p> <ul style="list-style-type: none"> • MUSC 4360 Woodwind Repertoire (3 ch) • MUSC 4370 Wind Conducting Techniques (3 ch) <p>Additional Choral Conducting Requirements:</p> <p>MUSC 7180 Ensemble (3 ch) – Participation as a performer in any University of Manitoba Choral Ensemble.</p>
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level or above. A maximum of forty-eight (48) credit hours of coursework is allowed unless a department/unit's supplementary regulations indicate otherwise. A comprehensive examination is required for some course-based programs.</p>	<p>Neither the Course-based or Comprehensive Examination Routes are offered in the M.Mus. Program. The Comprehensive Examination Route is not offered.</p>
<p>4.3.3 Accredited Professional Route</p> <p>The credit hours and course requirements shall reflect the requirements of the department/unit's external accrediting body. Students should check department/unit supplementary regulations regarding this requirement.</p>	
<p>4.3.4 Language Requirements</p>	<p>Second Language Requirement:</p>

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<p>Some department/units specify a language requirement for the Master's degree. Students should check department/unit supplementary regulations regarding this requirement.</p>	<p>Reading knowledge of one language other than English is required of all students in the Master of Music program. The language required will normally be French, German or Italian. Other languages may be accepted at the discretion of the Advisory Committee if deemed by them to be more appropriate to the student's program. The specific requirement will be determined in consultation with the Advisory Committee.</p> <p>The "Faculty of Music Second Language Requirement Form" must normally be completed and submitted to the Music Office by June 1 of the student's first year in the program. The second language requirement must normally be met before the student will be allowed to proceed to the final recital.</p> <p>This requirement may be met through one of the following methods:</p> <p>Evidence of the completion of an undergraduate language course at the 1000 level or above, with a grade of B (3.0) or better, in the five years preceding acceptance into the program;</p> <p>Successful completion of a language exam administered by the Faculty of Music. This exam shall consist of a timed, proctored translation, using a dictionary, of a passage in the chosen language;</p> <p>Completion of a University of Manitoba language course at the 1000 or higher level or above, with a grade of C+ (2.5) or better, after registration in the Master's Degree program under occasional student (OS) status;</p> <p>Determination by the Graduate Committee, upon recommendation of the student's Advisory Committee, that the requirement has been met through previous education and/or experience.</p>
<p>4.3.5 Advanced Credit</p> <p>Advance credit for courses completed prior to admission to a Master's program will be considered on a case-by-case basis. The student's department/unit must make a request to the Faculty of Graduate Studies by completing the <u>"Recommendation for Advance Credit-Transfer of Courses"</u> form.</p> <ul style="list-style-type: none"> • Application for advance credit must be made within the first year of the program (see <u>Lapse or Expiration of Credit of Courses</u>). • No more than 50% of the required coursework for the program can be achieved using advance credit. • A course may not be used for credit toward more than one (1) degree, diploma, or certificate. • The student must register at The University of Manitoba for at least two (2) terms within a single academic year and must also complete the thesis/practicum/project/comprehensive exam at The University of Manitoba. 	

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<ul style="list-style-type: none"> • Courses taken while in the Pre-Masters program may not be used for credit in a Master's program. <p>Regardless of the extent of advanced credit granted, all students are required to pay all applicable program fees.</p>	
<p>4.3.6 Transfer Credit</p> <p>Courses within a program of study may be taken elsewhere and transferred for credit at The University of Manitoba. All such courses:</p> <ul style="list-style-type: none"> • must be approved for transfer to the program of study by the department/unit and the Faculty of Graduate Studies before the student may register for them; • are considered on an individual basis; • cannot be used for credit towards another degree; • may not exceed 50% of the minimum credit hours of coursework required of the student's graduate program at The University of Manitoba. <p>Permission is granted in the form of a <u>Letter of Permission</u> which may be obtained by making an application to the Registrar's Office; an original transcript and course equivalency must be provided.</p>	
<p>4.3.7 Time in Program</p> <p>The minimum time for students in the Master's program is equivalent to two (2) terms. Completion of most programs requires more than this and students should check department/unit supplementary regulations regarding specific requirements.</p> <p>The maximum time allowed for the completion of the Master's degree is four (4) years for students declared as full-time and six (6) years for students declared as part-time (see <u>Student Status/Categories of Students</u> for information on calculating maximum time for students). Individual department/units and/or programs may have specified minimum and maximum time limits, and students should periodically check department/unit supplementary regulations regarding these specific requirements.</p> <p>Requests for extensions of time to complete the degree will be considered on an individual basis and must be submitted to the Dean of the Faculty of Graduate Studies using the "Time Extension Request" form at least three (3), but no more than four (4), months prior to expiration of the respective maximum time limit.</p> <p>A student who has not completed the degree requirements within the time limit or within the time limit of the extension will be required to withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to withdraw".</p>	<p><u>A minimum of two academic terms at the University of Manitoba (subsequent to admission into the M.Mus. program) of full-time postgraduate study is required of all students in the M.Mus. program. Normally, the student shall visit campus regularly during the residency period.</u> A minimum of two academic terms at the University of Manitoba (subsequent to admission into the M.Mus. Program) devoted to full time postgraduate study, is required of all students in the M.Mus. program. (Each academic year has three terms: Fall, Winter, and Spring/Summer.) The student shall be geographically available to visit the campus regularly during this residence period.</p>
<p>4.4 Student's Advisor and Co-Advisor</p> <p>4.4.1 Student's Advisor</p> <p>Each student should have an advisor upon entry into the program, and must have one assigned no later than one (1) term following initial registration. The advisor must:</p> <ul style="list-style-type: none"> • hold an appointment in the student's department/unit; • be a member of the Faculty of Graduate Studies¹; • hold at least a Master's degree or equivalent²; • be active in their field; • have expertise in a discipline related to the student's program. 	<p><u>The Advisor for M.Mus. students will normally be the Major Practical Study instructor. If said instructor is not a full-time faculty member, a full-time faculty member will be assigned to serve as the Advisor.</u></p> <p><u>The Advisor will be the primary resource for developing the student's recital program and/or other written work, including all components of the thesis/practicum. In the Faculty of Music the Advisor will normally be the Major Practical Study teacher. In the case where the Major Practical Study teacher is not a full-time faculty member, a full-time faculty member (normally in the student's major area) will be assigned. While candidates may request a specific Major Practical Study teacher, a different teacher may be assigned after acceptance. The</u></p>

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<p>¹ http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html</p> <p>² Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential advisor's demonstrated research record and current research activities. Note that M.D., D.M.D., Pharm.D. and J.D. are undergraduate degrees and are not equivalent to a Master's or Ph.D.</p> <p>It is the responsibility of the department/unit Head to determine whether faculty members meet these criteria, and also to report to the Dean of the Faculty of Graduate Studies on equivalency as necessary. Any exceptions or special circumstances must be recommended by the department/unit Head and approved by the Dean of the Faculty of Graduate Studies who considers each case on an individual basis.</p> <p>In department/units where the choice of thesis/practicum topic and thesis/practicum advisor are postponed after a student's entry into the program, the department/unit Head, within one (1) term, shall appoint a faculty member to advise the student in the interim period before the regular advisor is assigned or chosen. Students must have an advisor through to the end of their program in programs requiring an advisor.</p>	<p>Dean ultimately makes teaching assignments based on a number of factors, including teaching loads and financial resources.</p> <p>The advisor is the Chair of the Advisory Committee and is responsible for:</p> <ul style="list-style-type: none"> • Choosing, in consultation with the student, internal and external committee members, and recommending these members to the Dean; • Ensuring that the student's thesis/practicum proposal and recital program(s) is(are) well defined, realistic, and manageable within the allocated time frame for successful completion of the program; • Ensuring that within the first term, the student has: <ul style="list-style-type: none"> i. an advisory committee; ii. the program of study approved by the advisory committee with respect to the Faculty of Graduate Studies requirements (the number and type of courses); iii. a research/study plan, as appropriate. • Scheduling regular meetings with the student to monitor progress; • Completing and obtaining all necessary signatures on Progress Reports, final reports; • Ensuring that all academic requirements are fulfilled, including any remedial work required as a result of the diagnostic examination; • Ensuring that deadlines are met regarding Faculty of Graduate Studies requirements. <p>The Advisor will be the primary resource for shaping the student's recital program and/or written work. Early and frequent consultation with the Advisor and Advisory committee is recommended to ensure agreement at the outset on such matters as recital program content and balance, and appropriate topics and resources for written work, including program notes.</p>
<p>4.4.2 Student's Co-advisor</p> <p>In special circumstances, upon approval of the Head of the department/unit, an advisor and a maximum of one (1) co-advisor may advise a student. The co-advisor must:</p> <ul style="list-style-type: none"> • be a member of the Faculty of Graduate Studies¹; • hold a Master's or equivalent²; • be active in research; • have expertise in a discipline related to the student's program; <p>¹ http://umanitoba.ca/faculties/graduate_studies/governance/academic_membership.html</p> <p>² Equivalency will be approved by the Dean of the Faculty of Graduate Studies and determined on a case-by-case basis and assessed by the potential co-advisor's</p>	

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<p>(or designate). If the conflict is deemed sufficiently significant and cannot be mitigated, a new committee may need to be struck.</p> <p>4.5.2 Thesis/Practicum Route</p> <p>Advisory committees are selected by the advisor/co-advisor in consultation with the student and should consist of individuals whose expertise is consistent with that necessary to provide additional advice and guidance to the student during their research program.</p> <p>The advisory committee must consist of a minimum of three (3) voting members (the advisor/co-advisor have a single vote), at least two (2) of whom must be members of the <u>Faculty of Graduate Studies</u>.</p> <p>All examiners must be deemed qualified by the department/unit Head and be willing to serve.</p> <p>Individuals who are not a member of the Faculty of Graduate Studies, but who possess specific and extensive expertise and experience, such as professionals, artists, Knowledge Keepers or Elders, may serve on the advisory committee as a full voting member. No more than one such knowledge expert may serve on any individual advisory committee, and must be nominated by the unit Head or Graduate Chair and approved by the Dean of the Faculty of Graduate Studies or designate.</p> <p>Advisory committees may alternatively include one (1) non-voting invited member who has expertise in a related discipline but is not a member of the Faculty of Graduate Studies.</p> <p>Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining committees, regardless if they hold a rank of Adjunct Professor.</p> <p>The composition of, and any changes to, the advisory committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. The advisor/co-advisor is the Chair of the advisory committee.</p> <p>It is expected that advisory committee members will have a Master's degree or equivalent. Equivalency will be determined by the Dean of the Faculty of Graduate Studies or designate. Knowledge experts are exempted from this requirement.</p> <p>Additional specifications, if any, regarding the advisory committee are found in the department/unit supplementary regulations and students should consult these regulations for specific requirements.</p>	<p><u>Each student must have an Advisory Committee, normally made up of the Advisor and two or three additional members. At minimum, the Advisor and one member of the Advisory Committee must be members of the Faculty of Graduate Studies.</u></p> <p><u>The Advisory Committee is appointed by the Dean, upon recommendation of the Advisor, normally during the first term of the first year of study. The student will not be permitted to register for their second term in the program until the appropriate paperwork has been received by the DFOM Office.</u></p> <p><u>The Dean or designate may also join any Advisory Committee as needed.</u></p> <p><u>The Advisory Committee shall meet with the student a minimum of once a year to assess the student's progress. The Annual Progress Report, which must be submitted to the Faculty of Graduate Studies by 1 June, will serve as a record of these meetings. The Advisory Committee will oversee and supervise the student's written work, including relevant components of the thesis/practicum. Each student must have an Advisory Committee, normally made up of the Advisor and two or three additional members. At minimum, the Advisor and one member of the Advisory Committee must be members of the Faculty of Graduate Studies.</u></p> <p><u>The Advisory Committee is appointed by the Dean, upon recommendation of the Advisor. The Advisory Committee is to be appointed during the first term of the first year of study, using the Faculty of Music Advisory Committee Appointment form. The student will not be permitted to register for his/her second term in the program if this form is not submitted during the first term of their enrollment.</u></p> <p><u>The Dean may also join any Advisory Committee as needed.</u></p> <p><u>The Faculty of Music requires that the Advisory Committee meet with the student a minimum of once a year, and will track these meetings through the Progress Report, which is distributed by the Faculty of Graduate Studies and must be submitted to the Faculty of Graduate Studies office by June 15th. Students will not be permitted to re-register for the subsequent year in the program until this form is submitted.</u></p> <p><u>In addition to functioning in an advisory capacity, the Advisory Committee shall:</u></p>

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	<ul style="list-style-type: none"> • Be familiar with, review and make recommendations regarding the student's thesis/practicum proposal; • Be available for meeting with the Advisor and the student for preparing the Progress Report at least once annually or as deemed essential; • Be reasonably available for consultation with the student in addition to regular meetings; • Read and provide comments to any written material (thesis, program notes, etc.) submitted by the student in a timely manner (two to four weeks, depending on the length of the document); • Meet once a year, or more often as required, with the student to discuss research progress and future courses of action. Ideally, these meetings are to be held at the beginning of the student's program and within the first year; • Attend and review the student's Pre-Recital Hearing; • Serve (along with any additional personnel as specified in section 4.8.1.2) as the Examining Committee for the student's recital. <p>In all written work, the Advisory Committee will ensure quality control to a publishable/professional level, and is the principal guide in this process. The student should consult with his/her Advisory Committee well in advance about the scheduling of Pre-Recital Hearings and recital dates in order to ensure availability of all members at these events.</p>
<p>4.5.3 Course-based, Major Research Paper, or Comprehensive Examination Route</p> <p>Normally, advisory committees are not required in these routes; however, any appropriate specifications regarding an advisory committee can be found in the department/unit's supplementary regulations and students should consult these regulations for specific requirements.</p>	
<p>4.5.4 Accredited professional programs</p> <p>Normally, advisory committees are not required in these routes; however, any appropriate specifications regarding an advisory committee can be found in the department/unit's supplementary regulations and students should consult these regulations for specific requirements.</p>	
<p>4.6 Courses and Performance</p> <p>4.6.1 Course or Program Changes</p> <p>Students are not permitted to change their program of study, including withdrawal from individual courses, without the approval of their advisor/co-advisor (and/or advisory committee) and department/unit Head. Withdrawal from courses or changes of course category without such approval may result in the student being required to withdraw from the Faculty of Graduate Studies.</p>	
<p>4.6.2 Lapse or Expiration of Credit of Courses</p> <p>Courses completed more than seven (7) years prior to the date of awarding of a degree may not normally be used for credit toward that degree. A department/unit may request an exception to this limit on behalf of the student. Such requests, which will be evaluated on a case-by-case basis, must be accompanied by supporting</p>	

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<p>information including a detailed summary of the content of the course as taken initially and as offered most recently, and a detailed rationale explaining how the student has maintained knowledge of the course content.</p> <p>Courses completed more than ten (10) years prior to the date of awarding of a degree are deemed expired and cannot be used for credit toward that degree.</p> <p>In the event that coursework is no longer considered current or has expired, students must take additional coursework (as recommended by the department/unit Head, or designate, and as approved by the Dean of the Faculty of Graduate Studies) to meet the minimum credit hour requirements for their program. The department/unit may recommend that students re-take previously passed course(s) which have lapsed or expired.</p>	
<p>4.6.3 Academic Performance</p> <p>Student progress shall be reported at least annually (but no more than once every four (4) months) to the Faculty of Graduate Studies on the “<u>Progress Report</u>” form.</p> <p>Students who fail to maintain satisfactory performance may be required to withdraw on the recommendation of the Graduate Chair and/or department/unit Head to the Dean of the Faculty of Graduate Studies on the “Progress Report” form. Students who receive two (2) consecutive “in need of improvement” or one (1) “unsatisfactory” rating will normally be required to withdraw from the Faculty of Graduate Studies and the notation on the student record will be “Required to withdraw”.</p>	
<p>4.6.4 Performance in Coursework</p> <p>A minimum degree grade point average (DGPA) of 3.0 with no grade below C+ must be maintained to continue in the Faculty of Graduate Studies. Departments/units may specify, in their supplementary regulations, standards that are higher than those of the Faculty of Graduate Studies. Students who fail to maintain the specified grades will be required to withdraw unless the department/unit recommends remedial action. Any such action must be approved by the Dean of the Faculty of Graduate Studies.</p> <p>Students are normally expected to complete remedial action by the end of the subsequent term.</p>	<p><u>M.Mus. students may receive no grade lower than a B+ in all Major Practical Study courses to continue in the program. Graduate students in the Faculty of Music must receive no grade lower than a B+ in their graduate Major Practical Study courses.</u></p>
<p>4.6.5 Performance not related to Coursework</p> <p>In some departments/units, students are required to demonstrate satisfactory academic performance in areas not related to performance in courses, such as attendance at or participation in course lectures, seminars and in laboratories and progress in research, thesis or practicum. The specific nature of satisfactory academic performance is outlined in individual department/unit supplementary regulations and students should consult these supplementary regulations for specific requirements. Unsatisfactory performance must be reported to the Faculty of Graduate Studies on the “<u>Progress Report</u>” form. Students who fail to maintain satisfactory performance may be required to withdraw on the recommendation of the department/unit Head to the Dean of the Faculty of Graduate Studies.</p>	<p><u>Students are expected to engage in professional development activities and other best practices in the field, such as attendance at and participation in master classes, workshops, and other professional development opportunities. This will be assessed during the student’s annual progress meeting with their Advisory Committee (in conjunction with the FGS Annual Progress Report). The Faculty of Music is committed to the idea that the qualifications for a M.Mus. degree include more than the successful completion of course and thesis/practicum requirements. Our students are expected to demonstrate their professional commitment and their intellectual curiosity by, among other things:</u></p> <ul style="list-style-type: none"> • <u>Keeping abreast of contemporary repertoire, literature, ideas, and developments in the field of music;</u> • <u>Continually expanding their knowledge of and perspective on the history of music;</u> • <u>Being actively involved in the musical life of the local and broader communities;</u> • <u>Attending concerts;</u> • <u>Attending master classes and workshops;</u>

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	<p>• Developing a broadening perspective of the place of music in our intellectual and emotional lives, in its relationships with other art forms, and in its place in our society and culture.</p> <p>The student will present an oral report on their activities in these areas to the Advisory Committee at the end of each year in the program prior to the final year as a part of the Progress Report, and in the final year of the program as a part of the approval process for the Thesis/Practicum Proposal.</p> <p>The Advisor and Advisory Committee shall consider performance in this area as a part of their reviews, and may make specific comments about perceived deficiencies, and specific requirements for improvements, with such requirements to be met prior to final approval for graduation.</p>
<p>4.7 Academic Requirements for Graduation</p> <p>All students must:</p> <ul style="list-style-type: none"> • maintain a minimum degree grade point average (DGPA) of 3.0 with no grade below C+; • complete <u>GRAD 7500</u> • complete <u>GRAD 7300</u> • meet the minimum and not exceed the maximum course requirements; and • meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses). <p>Individual department/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements.</p>	
<p>4.7.1 Thesis/Practicum Route</p> <p>4.7.1.1 Thesis vs. Practicum</p> <p>Students must demonstrate their mastery of the field and that they are fully conversant with the relevant literature through their thesis/practicum. The thesis or practicum will normally be written in English unless the student is studying in a program at the Université de Saint-Boniface, or departmental/unit supplementary regulations allow a different language to be used.</p> <p>A practicum differs from the thesis in its emphasis on the application of theory, it is however similar in scope, span, and rigour. The practicum takes the form of an exercise in the practical application of knowledge and skill. It usually involves the careful definition of a problem, the application of appropriate knowledge and skills to the problem, and a report of the results in a manner suitable for evaluation by an examining committee. Individual department/units have specific requirements for graduation and students should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the practicum.</p> <p>The thesis is developed under the mentorship of the advisor/co-advisor. Individual department/units may have specific guidelines regarding the thesis proposal and its acceptance by the student's advisory committee and department/unit Head; students</p>	<p><u>Performance:</u></p> <p>A formal written proposal for the thesis topic must be submitted to and approved by the Advisory Committee by the end of the first year in the program.</p> <p>A formal written proposal for the recital program content must be submitted to and approved by the Advisory Committee a minimum of two months prior to the proposed recital date. In assessing the proposed program, the Advisory Committee shall consider the goal of historical and stylistic balance, including the Faculty of Music's belief that the performance of the music of one's own time is an essential aspect of graduate study.</p> <p>The student is to write program notes for the recital, which are to be submitted to the Advisory Committee for approval six weeks prior to the recital date.</p> <p><u>Composition:</u></p>

should consult department/unit supplementary regulations for specific requirements. Research must be approved by the appropriate Human Research Ethics Board or Animal Care Committee, if applicable, before the work has begun on the thesis research.

~~A formal written proposal for the thesis topic must be submitted to and approved by the Advisory Committee by the end of the first year in the program.~~

~~The repertoire for the recital is to be developed in consultation with the Advisory Committee. A formal written proposal for the recital program content must be submitted to and approved by the Advisory Committee a minimum of two months prior to the proposed recital date. The Advisory Committee will consider the extent of the required performing forces, the proposed duration, and the technical requirements of the body of work in adjudicating appropriateness.~~

~~The student is to write program notes for the recital, which are to be submitted to the Advisory Committee for approval six weeks prior to the recital date.~~

Conducting:

~~Thesis and one recital~~

~~A formal written proposal for the thesis topic must be submitted to and approved by the Advisory Committee by the end of the first year in the program.~~

~~A formal written proposal for the recital program content must be submitted to and approved by the Advisory Committee a minimum of two months prior to the proposed recital date. In assessing the proposed program, the Advisory Committee shall consider the goal of historical and stylistic balance, including the Faculty of Music's belief that the performance of the music of one's own time is an essential aspect of graduate study.~~

~~The student is to write program notes for the recital, which are to be submitted to the Advisory Committee for approval six weeks prior to the recital date.~~

All Students:

~~The student, in consultation with the Advisor, must have the Thesis/Practicum (Recital program) proposal approved by the Advisory Committee and on file in the Faculty of Music office a minimum of two months prior to the proposed recital date.~~

Pre-Recital Hearing:

~~For each student there shall be a Pre-Recital Hearing at least one month before his or her scheduled recital. The purpose of the Pre-Recital Hearing is to assess whether or not the student has attained the level of preparation necessary to meet the expected standards of the program. Normally~~

~~all Advisory Committee members are required to be present at this hearing.~~

Pre-Recital Hearing: Specific Requirements by Discipline:

Performance:

~~The student should arrive at the hearing prepared to perform the entire program; the Advisory Committee shall determine at that time which portions of the program will be heard.~~

Composition:

~~The student is to present printed and bound scores (for instrumental/vocal works) or recordings (for electroacoustic works) for all of the pieces to be heard at the proposed recital. No more than one piece may be presented in incomplete form, as a work in progress. Normally instrumental/vocal scores must be accompanied by concert, rehearsal, or studio recordings; Musical Instrument Digital Interface (MIDI) recordings are not acceptable.~~

Conducting:

~~The student is to present the scores of all works to be conducted on the recital (photocopies are not acceptable). The committee may ask questions of the student to determine the depth of their knowledge and understanding of the music that they will be conducting on their recital.~~

~~Unless otherwise directed by the Advisory Committee, the student will normally present two concert DVD's/videos and one rehearsal DVD/video of themselves conducting. These three recordings will normally be of at least two different works, and they will normally have been made during the student's time in the M.Mus. degree program. Each of the DVD/video segments shall be no less than 10 minutes in length.~~

All Students:

~~Following completion of the hearing, the committee shall take one of the following actions:~~

- ~~a) Grant final approval to proceed with the recital as scheduled, with no stipulations; OR~~
- ~~a) Grant provisional approval to proceed with the recital as scheduled, with stipulated changes/improvements. In this case the committee shall determine the nature of and procedures for approval of such changes/improvements that will be required prior to the granting of final approval. Final approval to proceed with the recital may be obtained up to, but no later than, two weeks before the proposed recital date. The Advisor is normally responsible for ensuring that the~~

~~stipulated changes/improvements are made according to the instructions from the Advisory Committee; OR~~

- ~~b) Decide that the student is not prepared to perform the recital at the required level, and that it must be rescheduled. In this case another recital date and Pre-Recital Hearing date are to be scheduled, such dates to be decided as a result of consultation between the student and the Advisor.~~

All M.Mus. Programs:

The Advisory Committee will approve the student's thesis/practicum proposal.

Following the Pre-Recital Hearing, the Advisory Committee will provide formative feedback and assess whether the recital may proceed as scheduled based on the student's level of preparation and performance at the hearing.

Following the hearing, the Advisory Committee will:

- 1) approve the recital to proceed as scheduled

OR

- 2) Approve the recital to proceed as scheduled, subject to changes/improvements stipulated in writing by the committee.

OR

- 3) Deny approval for the recital to proceed as scheduled and require postponement of the recital and/or a second hearing. Should the second hearing be unsuccessful, the student may not be permitted to continue in the program.

Students will be notified verbally of the outcome of the Pre-Recital Hearing as soon as possible following the hearing, and in writing, normally within 1 calendar week following the hearing.

Additional Specifications by Concentration:

Performance:

A formal, written proposal for the research paper must be submitted to and approved by the Advisory Committee by the end of the first year in the program for students electing to complete one recital and a research paper.

A formal, written proposal for the recital program must be submitted to and approved by the Advisory Committee at least 60 calendar days prior to the proposed recital date.

	<p><u>The Pre-Recital Hearing for performance students will consist of a performance of the recital repertoire for the Advisory Committee, normally at least 30 calendar days prior to proposed recital date. The Advisory Committee will provide formative feedback and assess whether the recital may proceed as scheduled based on the student's level of preparation and performance at the hearing.</u></p> <p><u>Composition:</u> <u>A formal, written proposal for the thesis/practicum must be submitted to and approved by the Advisory Committee by the end of the first year in the program.</u></p> <p><u>The repertoire for the recital will be developed in consultation with the Advisory Committee. A formal, written proposal for the recital program must be submitted to and approved by the Advisory Committee 60 calendar days prior to the proposed recital date. The Advisory Committee will consider the extent of the required performing forces, the proposed duration, and the technical requirements of the body of work in adjudicating appropriateness.</u></p> <p><u>The Pre-Recital Hearing for composition students will consist of an evaluation by the Advisory Committee of the student's works to be performed on the recital. Normally, the student must present printed and bound scores (for instrumental/vocal works) or recordings (for electroacoustic works) of all the pieces proposed for the recital. No more than one piece may be an incomplete work-in-progress. Normally, instrumental/vocal works must be accompanied by concert, rehearsal, or studio recordings. Musical Instrument Digital Interface (MIDI) recordings are not acceptable.</u></p> <p><u>Conducting:</u> <u>A formal, written proposal for the recital program must be submitted to and approved by the Advisory Committee at least 30 calendar days prior to the proposed recital date.</u></p> <p><u>The Pre-Recital Hearing for conducting students will normally consist of an evaluation by the Advisory Committee of a rehearsal prior to the scheduled recital. In all cases the student will be verbally notified of the outcome of the Pre-Recital Hearing as soon as possible, and in writing as soon as practical thereafter (normally within one week). Such notifications shall include the details of any stipulated changes/improvements.</u></p>
<p>4.7.1.2 Examining Committee</p> <p>The advisor/co-advisor will recommend an examining committee to the department/unit Head for approval, which shall then be reported to the Faculty of Graduate Studies on the "Master's Thesis/Practicum Title and Appointment of</p>	<p><u>The Examining Committee for M.Mus. students will normally consist of the Advisory Committee. The Advisor and at least one member of the committee must be members of the Faculty of Graduate</u></p>

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<p>Examiners" form. This form must be approved by the Dean of the Faculty of Graduate Studies at least two (2) weeks prior to the distribution of the thesis.</p> <p>Under normal circumstances, the examining committee will be the same as the advisory committee unless otherwise stipulated in the department/unit's supplementary regulations. The examining committee must consist of a minimum of three (3) members (including the advisor/co-advisor), at least two (2) of whom must be members of the Faculty of Graduate Studies. All examiners must be deemed qualified by the department/unit Head and be willing to serve. It is expected that, under normal circumstances, examination committee members will have a Master's degree or equivalent. The composition of, and any changes to, the examining committee, including the advisor/co-advisor, must be approved by the Faculty of Graduate Studies. Individual department/units establish specific requirements for examination and students should consult department/unit supplementary regulations for specific requirements.</p> <p>Under no circumstances are graduate students, Post-Doctoral fellows, and Research Assistants or Associates to serve on graduate student examining committees, regardless if they hold a rank of Adjunct Professor.</p> <p>The Head of the department/unit arranges for the distribution of the thesis/practicum to the examiners. It is the duty of all examiners to read the thesis/practicum and report on its merits according to the following categories:</p> <ul style="list-style-type: none"> • Acceptable, without modification or with minor revision(s); or • Acceptable, subject to modification and/or revision(s); or • Not acceptable. <p>If two or more examiners do not approve the thesis, then the student is deemed to have failed the distribution.</p> <p>Note that in the case of an advisor and co-advisor, both together have a single vote on the examining committee.</p>	<p>Studies. The examining committee for each graduate student will normally consist of the Advisory Committee. Additional members may be recommended at the discretion of the Advisor. These members are to be specialists in the area of study, and may be sessional instructors. At minimum, the Advisor and at least one member of the committee must be members of the Faculty of Graduate Studies.</p> <p>The external member is to be appointed to the committee a minimum of two months prior to the final recital. This member must be someone external to the Faculty of Music. This person could be from another faculty or from the community. He/she is to be invited to attend the pre-recital hearing for the final recital, but is not obliged to do so; he/she is obliged to attend the final recital. In the case of the two recital option, the external member of the examining committee is not obliged to attend the first recital or either pre-recital hearing.</p>
<p>4.7.1.3 Oral Examination</p> <p>For department/units requiring students to pass an oral examination on the subject of the thesis/practicum and matters relating thereto, the format of the oral examination is described in the supplementary regulations of the department/unit. Students should consult these supplementary regulations for specific requirements. A student has the right to an examination of the thesis/practicum if they believe it is ready for examination. It is the department/unit's responsibility to advise the student of any risk involved should they decide to proceed against the department/unit's recommendation.</p> <p>The examining process should be completed within one (1) month of distribution of the thesis/practicum to the examining committee.</p> <p>Normally, all members of the examining committee should be present in-person at the examination. Under exceptional circumstances, and with the prior approval of the Dean of the Faculty of Graduate Studies, one (1) member may participate electronically. Only under very exceptional circumstances can the student or the Advisor/Co-advisor participate electronically. No recording devices will be permitted. The oral examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, Université de Saint-Boniface, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours. The oral examination shall be open to all members of The University of Manitoba community except in exceptional cases. The oral examination may be closed, for example, when the results of the thesis/practicum research must be kept confidential for a period of time. In such cases, the examining committee and department/unit Head shall recommend such action to the Dean of the Faculty of Graduate Studies who shall</p>	<p><u>Performance components of the thesis/practicum are evaluated by the Examining Committee and are assessed on a pass/fail basis. The Examining Committee meets immediately following the performance to determine the result, which is reported in writing to the DFOM Office, normally the next business day.</u></p> <p><u>All written submissions that constitute part of the thesis/practicum are evaluated by the Examining Committee and are assessed on a pass/fail basis. Each committee member must indicate their approval of these written submissions before the approved thesis/practicum final report can be submitted to the Faculty of Graduate Studies. The performance portion of the practicum is evaluated by the examining committee as a juried concert. The examining committee meets immediately afterward to determine whether or not the candidate has passed or failed. The result is reported to the Music office in written form. Comments provided by the examining committee are supplied to the student.</u></p> <p><u>Written submissions (i.e.: for the Composition program, or for Option One for the Performance and Conducting programs) are submitted to the Advisor and each member of the examining</u></p>

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<p>then decide whether to grant that the final examination be closed to all but the examining committee and the Dean of the Faculty of Graduate Studies (or delegate).</p> <p>The oral examination will normally be held in English unless the student is studying in a program at the Université de Saint-Boniface, or departmental/unit supplementary regulations allow a different language to be used.</p> <p>Following completion of the examination of the thesis/practicum, examiners will consider the oral examination and the written thesis/practicum.</p> <p>The examiners will also determine the nature of and procedures for approval of any revisions that will be required prior to submission of the thesis/practicum to the Faculty of Graduate Studies. The advisor/co-advisor is normally responsible for ensuring that revisions are completed according to the instructions from the examining committee.</p> <p>The judgment of the examiners shall be reported to the Faculty of Graduate Studies in the qualitative terms "approved" or "not approved" on the "<u>Thesis/Practicum Final Report</u>" form. Each examiner must indicate their opinion by their signature. If two (2) or more examiners do not approve the thesis/practicum, the student is deemed to have failed the examination.</p>	<p>committee. The paper is graded by the examining committee on a pass/fail basis. Each committee member must indicate to the Music Office his/her approval of the written portion of the practicum before the practicum form can be submitted to the Faculty of Graduate Studies.</p>
<p>4.7.1.4 Failure</p> <p>In the case of a failure of the thesis/practicum at the Master's level, the candidate may, on support of their home department/unit, be allowed to defend the thesis a second time. In this case, a detailed written report will be prepared by the Chair of the examination committee and submitted to the Faculty of Graduate Studies, who will make the report available to the student, the student's advisor/co-advisor and the Department/Unit Head. The Department/Unit Head shall convene a meeting of the members of the examining committee and the student's advisor/co-advisor to decide how to bring the thesis to an acceptable scholarly standard and/or prepare for the second defence.</p> <p>A student will be required to withdraw when the thesis/practicum has been rejected twice at the stage where:</p> <ul style="list-style-type: none"> • The examining committee reports on the merits of the written thesis/practicum; • The oral examination; or • A combination of both stages. 	
<p>4.7.2 Course-based, Major Research Paper, or Comprehensive Examination Route</p> <p>Students must demonstrate their mastery of their field. The specific procedures for evaluation of this mastery are stated in individual department/unit supplementary regulations.</p> <p>In those department/units where comprehensive examinations are required, students should consult the department/unit's supplementary regulations for specific requirements.</p> <p>The results of the comprehensive examinations shall be submitted to the Faculty of Graduate Studies on the "<u>Report on Comprehensive Examination</u>" form in the terms "pass" or "fail." No student may sit comprehensive examinations more than twice. Any student who receives a "fail" on the comprehensive examination twice will be required to withdraw from the Faculty of Graduate Studies.</p>	
<p>4.8 Style and Format</p> <p>The thesis/practicum must be written according to a standard style acknowledged by a particular field of study (please refer to <u>Thesis/Practicum Types</u>).</p>	<p><u>For all M.Mus. programs, the thesis/practicum is classified as a "practicum" for administrative purposes.</u></p> <p><u>For all recitals, the student must author program notes of approximately 1000 words, which must</u></p>

be submitted for approval by the Advisory Committee at least six weeks prior to the proposed recital date.

Depending on their area of concentration within the program, graduate students in the Faculty of Music may have certain options for their thesis/practicum.

Specific Requirements by Concentration:

Performance:

The thesis/practicum for the M.Mus.—
Performance will consist of the following components:

Two recitals

OR

One recital and a research paper

The performance recital will normally consist of the preparation and performance of 60-75 minutes of solo/ensemble music. The repertoire for the recital will be developed in consultation with the Advisory Committee.

Students electing to undertake one recital and a research paper will write a research-based study, normally of 12,000-15,000 words (excluding bibliography, footnotes, figures, etc.). The overall purpose of the research paper is to allow the student to conceive and execute a major study that demonstrates mastery in the content area as well as highly developed research, writing, and critical thinking skills. The research paper must address a significant topic within the field of music research; it must be functionally related to the student's program.

Composition:

An original musical composition or collection of compositions accompanied by a significant analytical study of the piece(s). Normally, the composition(s) will be included in one of the three recital areas described below. Topics to be covered in the study are, as appropriate: formal structure; rhythmic, melodic and harmonic language; timbral and textural elements; aesthetic issues; extramusical relations; technological considerations; compositional process. Both the composition and the accompanying paper are expected to demonstrate creativity, originality, expertise, and an awareness of contemporary and historical concepts and developments in the chosen field.

AND

A series of recitals/performance outlined as follows:

Recital 1:

Each M.Mus. student in Composition is required to compose 15–20 minutes of original music for an assigned student chamber ensemble; live electronics and/or improvisation optional, at the discretion of the Major Practical Study instructor. Over the course of two terms, the ensemble will workshop, rehearse and perform original music by the composition student. Recital 1 is normally scheduled for March or April of Year 1 of the program, and normally features work(s) composed during the student's first year of the M. Mus. program. This compositional work cannot be included in either of the other two parts (Recital 2 and Other Performances). Recital 1 will normally occur once only; Recital 1 must occur before Recital 2. Students will receive critical feedback following the recital.

Recital 2:

Each M.Mus. student in Composition is required to compose 20–25 minutes of original music for a professional chamber ensemble of approximately 4–6 players, selected by the student in consultation with the Major Practical Study instructor; live electronics and/or improvisation optional, at the discretion of the Major Practical Study instructor. Over the course of two terms, the ensemble will workshop, rehearse and perform original music by the composition student. These activities are supported by a Graduate Composition Performance Fund, usage of which is regulated by the student's Major Practical Study instructor, in conjunction with the student, and with the final approval of the Dean's Office. Recital 2 is normally scheduled for March or April of Year 2 of the program, and normally features work(s) composed during the student's second year of the M. Mus. program. This compositional work cannot be included in either of the other two parts (Recital 1 and Other Performances). Recital 2 will normally occur once only; Recital 2 must occur after Recital 1. Students will receive critical feedback following the recital.

Other Performances:

Each M.Mus. student in Composition is required to compose, and arrange for the performance of, an additional 20–30 minutes of original music, as detailed below. The composition(s) may be scored for any instrumentation and may involve live electronics and/or improvisation; electroacoustic works and sound installations are also possible, at the discretion of the Major Practical Study instructor. Performances may occur anywhere in the world, so long as they are recorded; performances may occur at any time during the student's program, normally up to one month prior

to the submission of the Final Portfolio. These work(s) must have been composed during the student's program of studies and cannot be included in either of the other two parts (Recital 1 and Recital 2). It is the responsibility of the student to arrange these performances independently.

Within the guidelines of the three-part Practicum (recital) requirements listed above, a student must produce, and have performed and recorded, a minimum of 60 minutes to a maximum of 75 minutes of original music composed during their M.Mus. degree program at the University of Manitoba.

The student is required to write program notes for Recital 2. These notes are to be submitted to the Advisory Committee for approval six weeks prior to the recital date. Program notes for all other performances are encouraged, and should be included with the Final Portfolio, if available.

Conducting:

The thesis/practicum for M.Mus.—Conducting students will consist of the following components:

First Year Video Portfolio:

A curated video portfolio of the student's work will be submitted to the Advisory Committee at the end of their first year of Major Practical Study. The video excerpts included should show growth in rehearsal techniques and conducting skills developed during the year. The video portfolio will be 45-60 minutes in length and include excerpts of both rehearsals and performances. Students will provide a written statement articulating why they have chosen the selected video footage and how it reflects their development. The portfolio should also include program notes (minimum of 1000 words) that support pieces included in the submitted video portfolio.

The Advisory Committee will provide critical feedback on the student's portfolio submission in writing prior to the beginning of the student's second year in the program. This feedback used to determine recital repertoire, second year conducting projects, and further study.

AND

Graduate Recital/Collective Performances:

Students will conduct repertoire totaling 45-60 minutes in DFOM large ensemble performances and/or a final graduate recital. Students may submit video of performances conducted with DFOM ensembles as part of this required performance time (if they have been given this opportunity), while the graduate recital performance itself, must include a minimum of 30 minutes of repertoire

~~performed by a small ensemble chosen and guided entirely by the student (including selecting the ensemble, repertoire, scheduling, rehearsals, production, and conducting).~~

~~Performance:~~

- ~~• Option 1—Thesis and one recital*~~
- ~~• Option 2—Two recitals~~

~~The performance thesis shall normally consist of a substantial analytical or musicological paper, which demonstrates creativity, originality, expertise, and an awareness of contemporary and historical ideas and developments in the chosen field.~~

~~The performance recital shall normally consist of the preparation and performance, on a public recital, of 60-75 minutes of solo/ensemble music. The repertoire for the recital is to be developed in consultation with the Advisory Committee.~~

~~The student is to write program notes (minimum of 1000 words) for the recital, which, along with the program content, are to be submitted to the Advisory Committee for signed approval six weeks prior to the recital date. The final approved, proofread and corrected program, including notes, is to be submitted to the Faculty of Music office no later than two weeks prior to the recital date. It is the responsibility of the student and his/her committee to ensure that the information in the program is correct; the Music Office will not correct or edit the program.~~

~~* N.B. (Note): Collaborative Piano majors are required to present two recitals, both of which are normally to include instrumental and vocal ensemble repertoire.~~

~~Composition:~~

~~Thesis and one recital~~

~~The composition thesis shall consist of an original musical composition (or collection of compositions) accompanied by a substantial analytical study of the piece(s). Topics to be covered in the study are, as appropriate:~~

- ~~• Formal structure;~~
- ~~• Rhythmic, melodic, harmonic language;~~
- ~~• Timbral/textural elements;~~
- ~~• Aesthetic issues;~~
- ~~• Extramusical relations;~~
- ~~• Technological issues/considerations;~~
- ~~• Compositional process.~~

~~Both the composition and the accompanying paper are expected to demonstrate creativity, originality, expertise, and an awareness of contemporary and~~

~~historical ideas and developments in the chosen field.~~

~~The composition recital shall normally consist of the composition, preparation and presentation, on a public recital, of 60-75 minutes of original musical compositions. All works on the recital are to have been composed during the student's M.Mus. degree program at the University of Manitoba. The composition used for the composition thesis discussed above will normally be performed on this recital.~~

~~Large ensemble works that are impractical for the recital, but that receive performance elsewhere during the student's degree candidacy, may, at the discretion (and with the pre-approval) of the Advisory Committee, count toward the composition recital time requirement. The composition recital may not be reduced through such activities to less than 50 minutes of music.~~

~~The student is to write program notes (minimum of 1000 words) for the recital, which, along with the program content, are to be submitted to the Advisory Committee for signed approval six weeks prior to the recital date. The final approved, proofread and corrected program, including notes, is to be submitted to the Faculty of Music office no later than two weeks prior to the recital date. It is the responsibility of the student and his/her committee to ensure that the information in the program is correct; the Music Office will not correct or edit the program.~~

Conducting:

- ~~• Option 1 – Thesis and one recital~~
- ~~• Option 2 – Two recitals~~

~~The conducting thesis shall normally consist of a substantial analytical or musicological paper, normally discussing a piece or pieces from their recital, which demonstrates creativity, originality, expertise, and an awareness of contemporary and historical ideas and developments in the chosen field. Topics to be discussed should include:~~

- ~~• Background of the composer;~~
- ~~• Historical context of the piece(s);~~
- ~~• Formal analysis;~~
- ~~• Harmonic, melodic, rhythmic, timbral analysis;~~
- ~~• Conducting analysis: phrase shapes, tension/release, cadences, considerations of colour and balance, character of the music, technical considerations for the players, technical considerations for the conductor.~~

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	<p>The conducting recital shall normally consist of the selection, rehearsal, scheduling and conducting, on a public recital, of 45-60 minutes of music. The repertoire for the recital is to be developed in consultation with the Advisory Committee.</p> <p>Students who have conducted large ensemble works that are impractical for the recital, but that receive performance elsewhere during the student's degree candidacy, may, at the discretion (and with the pre-approval) of the Advisory Committee, count this experience toward the conducting recital time requirement. The conducting recital may not be reduced through such activities to less than 40 minutes of music.</p> <p>The student is to write program notes (minimum of 1000 words) for the recital, which, along with the program content, are to be submitted to the Advisory Committee for signed approval six weeks prior to the recital date. The final approved, proofread and corrected program, including notes, is to be submitted to the Faculty of Music office no later than two weeks prior to the recital date. It is the responsibility of the student and his/her committee to ensure that the information in the program is correct; the Music Office will not correct or edit the program.</p>
<p>4.9 Details for Submission of the Final Copy</p> <p>Following the approval of the thesis/practicum by the examining committee and the completion of any revisions required by that committee, the thesis/practicum, must be submitted to the Faculty of Graduate Studies as follows:</p> <ul style="list-style-type: none"> • One digital version submitted as an e-thesis/practicum at the MSpace website; • Copyright Licence Declaration/Infringement Form (completed on MSpace); • Thesis/Practicum final report. 	
<p>4.10 Publication and Circulation of Thesis/Practicum</p> <p>Every graduate student registering in a thesis/practicum Master's program at The University of Manitoba shall be advised that, as a condition of being awarded the degree, they will be required to grant a license of partial copyright to the University and to the Library and Archives Canada for any thesis or practicum submitted as part of their degree program.</p> <p>Note: This licence makes the thesis/practicum available for further research only. Publication for commercial purposes remains the sole right of the author.</p> <p>The Copyright Licence Declaration/Infringement Form must be completed on MSpace. This and other related regulations may give rise to important questions of law, and students may need additional legal advice on the copyright laws of Canada and/or other countries. Students who wish to obtain legal advice concerning their subsequent rights are advised to do so prior to signing the agreements. Signing of the licence agreements is normally done after the contents of the thesis/practicum have been delineated and the importance of copyright and/or patents fully understood and appreciated.</p>	

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Dept. of Physical Therapy.

Observations

1. The **Dept. of Physical Therapy** proposes MPT admission supplementary regulation changes. These include a reduction in pre-requisite course requirements, the removal of the requirement of a minimum number of credit hours in one academic session, and the introduction of a more relevant GPA calculation. Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Dept. of Physical Therapy

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



**University
of Manitoba**

Rady Faculty of
Health Sciences

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October 4, 2021

Andrea Kailer
Confidential Assistant to the Associate Deans & Programs Coordinator
Faculty of Graduate Studies
University of Manitoba

Dear Andrea,

Re: Proposal for four changes to the admission requirements for the Master of Physical Therapy (MPT) program.

Background

The current admission requirements for the MPT program were developed approximately 10 years ago as the Department of Physical Therapy prepared to transition its entry-to-practice (ETP) credential from the Bachelor of Medical Rehabilitation (BMR) to the MPT. They represent a combination of inherited requirements from the outgoing BMR program, requirements of the other graduate-level ETP PT programs across Canada at that time, and the results of consultation with UM faculty (PT and other relevant departments/faculties) and the Manitoba physiotherapy community. Over the past five years there has been growing recognition among PT faculty that our admissions requirements are becoming increasingly out of step with the other ETP PT programs across Canada, and appear to offer little benefit in terms of the success rate of the admitted students. Instead, it appears they may be serving as a barrier to the entry of excellent, diverse candidates that the program should be open to recruiting. Detailed review of our existing admissions requirements has identified four items in need of change, as follows.

1. Reduction in prerequisite course requirements (FGS Supp Regs pp. 4 & 17)

Proposal: The following 5 courses will be the prerequisites for the MPT program beginning with the 2022 admissions cycle, and they must be completed by December 31 of the application year:

1. Human anatomy (3 credit hours)
2. Human physiology (3 credit hours)
3. Psychology department course (3 credit hours)
4. Statistics (3 credit hours)
5. English department course (3 credit hours)

Discussion:

- In 2018, the Chair of the PT Admissions Committee conducted an environmental scan of Canadian university PT ETP program requirements, and found that UM has the most prerequisite courses of any program in the country by a large margin (we require 10 courses vs. a Canadian average of 6).
- In 2020, the PT Admissions Committee received funding from the CoRS Endowment Fund for the “Endowment PT Admissions Review Project” to examine the relationship between the program’s current prerequisite courses and students’ subsequent performance in the program. Detailed analysis by two PT research faculty found only a low correlation between student academic performance in existing prerequisite courses and subsequent related

courses in the program (e.g. only 9% of the variance in students' MPT1 anatomy and physiology course marks was explained by their prerequisite course marks). Furthermore, courses such as Statistics, Introductory Psychology, English and Biology showed no significant relationships with MPT1 GPA.

- The PT Admissions Committee identified Introductory Biology, Childhood Psychology and Aging as being courses to be removed from the prerequisite list due to a) their absence from the prerequisite lists from most other programs in Canada, and b) the lack of evidence of their predictive value in terms of the performance of students admitted to the program.

2. Removal of the requirement of a minimum number of credit hours in one academic session (FGS Supp Regs pp. 4 & 17)

Proposal: *The existing requirement for applicants to have successfully completed at least 24 credit hours in one regular Fall/Winter academic session (from September to April) will be removed.*

Discussion:

- The UM program requires all applicants to have successfully completed at least 24 credit hours in one regular Fall or Winter academic session (from September to April) during their undergraduate degree.
- In 2021, the PT Admissions Committee conducted a scan of the Canadian university PT ETP programs and found that no other program requires a minimum prior credit hour load.
- This requirement is a carry-over from the BMR program which generally received applications from younger students who had only completed one year of post-secondary education and were still living at home. As a graduate program, the MPT applicant pool is significantly older and many have much more varied and complex circumstances.
- This requirement may be serving to exclude excellent, diverse applicants who have had circumstances that may have prevented them from achieving this required credit hour rate. The PT Admissions Committee is aware of strong applicants who were unable to proceed due to their prior circumstances such as the need to care for children and parents, the need to work, geographical and other issues affecting students from remote Indigenous communities, and elite university athletes on previously demanding schedules – even though these issues were now resolved.

3. Introduction of a more relevant GPA calculation (FGS Supp Regs p. 18)

Proposal: *The Admissions Committee will use the “Last 60 credit hour GPA” at the time of application rather than the “GPA of Prerequisite Courses” to rank applicants for the MPT interview process.*

Discussion:

- The UM program currently uses the “GPA of Prerequisite Courses” to rank applicants for the MPT interview process.
- This calculation encourages applicants to repeat prerequisite courses multiple times in order to obtain higher marks and inflate their chances of being selected for the interview.
- No other Canadian university ETP PT program uses this GPA calculation to determine interview ranking.
- Our analysis has shown that the GPA of applicants' last 60 credit hours has the greatest correlation to the MPT 1 earned GPA.

- Changing the interview ranking process to “Last 60 Credit Hours GPA” will result in fairer selection as it will eliminate the incentive for applicants to repeat prerequisite courses to inflate their chances of obtaining an interview.

All three of the changes outlined above have been approved by the Department of Physical Therapy Admissions Committee, the Department of Physical Therapy Council, and the College of Rehabilitation Sciences Council on the basis that they will provide the Department of Physical Therapy with a more equitable, relevant admissions process for the MPT program.

The MPT supplementary regulations with the proposed changes implemented using Tracked Changes are attached with this cover letter.

Please don't hesitate to contact me if you require any additional information regarding this proposal.

Sincerely,
Mark

A handwritten signature in black ink that reads "Mark Garrett". The signature is written in a cursive, slightly slanted style.

Mark Garrett, PhD
Head, Department of Physical Therapy
College of Rehabilitation Sciences, Rady Faculty of Health Sciences
P: 204-396-5480; mark.garrett@umanitoba.ca

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
	A minimum band of 4.5 in Listening, Reading and Oral Expression with a minimum band of 4.0 in Writing.
1.1.8 English Language Proficiency Test Exemption List Applicants holding secondary school diplomas and/or recognized university degrees from countries on the Faculty of Graduate Studies English Language exemption list are not required to submit an English Language Proficiency score. For more information please see our website .	
1.1.9 Letters of Recommendation Letters of Recommendation are to be completed via the online application. Recommendation letters submitted via post or email are not accepted. Applicants are required to add their 'Recommendation Provider(s)' contact information so that each recommender is sent an automated email notification. Generally, two (2) Letters of Recommendation must be submitted to the Faculty of Graduate Studies. For the number of recommendation letters necessary, applicants should review their specific Graduate programs of study website .	Not required for MPT program.
1.1.10 Admission Tests Some departments/units require admissions tests, such as the Graduate Record Examination (GRE®) or the Graduate Management Aptitude Test (GMAT™). These requirements are listed in the supplementary regulations of the particular department/unit, and if required, the scores must be submitted at the time of application.	CASPer Test administered by Altus Assessments.
1.1.11 Entrance Requirements The minimum standard for acceptance into any category in the Faculty of Graduate Studies is a 3.0 Grade Point Average (GPA) or equivalent in the last two (2) previous years of full time university study (60 credit hours). Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.	Program entry requirements: <ul style="list-style-type: none"> • Completion of a 3 year or 4 year undergraduate degree; • successful completion of at least 24 credit hours in one regular Fall/Winter session (from Sept. to April); • a completed self-declaration form for Adult Criminal Record including Vulnerable Sector check, Child Abuse Registry check and Adult Abuse Registry check; • proof of Indigenous ancestry (treaty number, Manitoba Métis Federation number or letter from Band Council), if applicable; • a minimum cumulative grade point average of 3.25 (on a 4.5 scale) in the last 60 credit hours of university-level courses; • equivalent IB and/or AP courses will be accepted in lieu of university courses; • completion of the following pre-requisite courses or equivalents, with no grade below a B (3.0 on a 4.5 scale): <ul style="list-style-type: none"> - Human Anatomy (3 credit hours) - Human Physiology (3 credit hours) - Introductory Biology with genetics content (3 credit hours) - Introductory Psychology department course (36 credit hours) - Childhood Development (3 credit hours) - Developmental Psychology Adolescence to Old Age (3 credit hours) - Introductory Statistics (3 credit hours)

FGS Academic Guide Regulation 2021/22	Supplementary Regulation
	<p>- English department course <u>Literature</u> (36 credit hours)</p> <p>Human Physiology must have been completed within five years of application; all other pre-requisite courses need to have been completed within the last 10 years or the equivalency within higher level courses.</p>
<p>1.1.12 Eligibility of University of Manitoba Staff Members</p> <p>A staff member at The University of Manitoba at the rank of Assistant Professor or above is not eligible to apply for admission to a graduate program in the department/unit in which the appointment is held.</p>	
<p>1.2 Registration Procedures</p> <p>1.2.1 Registration</p> <p>Pre-Master's students are not normally allowed to register in 7000-level courses or above, with the exception of <u>GRAD 7500</u>, unless prior permission is granted by the Dean of the Faculty of Graduate Studies or designate. See <u>General Regulations - Pre-Master's</u> for additional information.</p> <p>Undergraduate students may be permitted to register in 7000-level courses or above on recommendation of the department/unit offering the graduate course, subject to the conditions listed below.</p> <ul style="list-style-type: none"> Undergraduate students must obtain permission from the department/unit head and course instructor before registering for a graduate course. Only undergraduate students completing an undergraduate degree at the University of Manitoba are eligible to enroll in a graduate course. Undergraduate students are not eligible for admission to any graduate course that is cross-listed with an undergraduate course, or that is scheduled to be taught at the same time and location as an undergraduate class. Undergraduate students will only be eligible to receive graduate-level credit for a course designated as 7000-level or above if at least 75% of the students registered in the course are graduate students. Undergraduate students who complete a graduate course are not guaranteed admission to a graduate program. <p>On admission to a graduate program at the University of Manitoba, application may be made to the Faculty of Graduate Studies to apply any previously completed graduate courses toward meeting program requirements, subject to the restrictions listed below.</p> <ul style="list-style-type: none"> No more than 50% of the coursework required in a graduate program may be imported. Only courses in which a C+ grade or higher, or the minimum grade required by the program to which the course would be applied, are eligible to be considered towards meeting the requirements of any graduate program. Any graduate course completed by an undergraduate student may subsequently be applied to a graduate program only if it has not been used toward completion of any other degree program. Any graduate course completed by an undergraduate student for which a passing grade has been obtained (i.e., C+ or higher) may not be repeated should the student later gain admission to a graduate program. 	<p>Students admitted to the MPT program who are granted a registration deferral must defer for only 1 year. No term deferrals are permitted.</p>

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<p>A summary of all action taken administratively is to be reported to the Faculty of Graduate Studies Executive Committee.</p>	
<p>SECTION 4: General Regulations: Master's</p> <p>4.1 General</p> <p>Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the following link), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion. Individual departments/units may offer Master's programs by one or more of the following:</p> <ul style="list-style-type: none"> • Thesis/practicum-based; • Course-based; • Comprehensive Exam; • Project; • Accredited Professional; • Major research paper. 	
<p>4.2 Admission</p> <p>Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:</p> <ul style="list-style-type: none"> • Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from: <ul style="list-style-type: none"> ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies. • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see General Regulations - Pre-Master's); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>The Admissions and Selection Committee will review all applicants and select an annual quota of up to 50 students.</p> <p>The Admissions and Selection Committee is made up of the Chair of the Committee, the Head of the Department of Physical Therapy, the Dean of the College of Rehabilitation Sciences, two faculty members from the Department of Physical Therapy, a MPT student representative, and a representative from the College of Physiotherapists of Manitoba.</p> <p>Students are selected on a competitive basis using the entry requirements and ranking criteria indicated below. In addition, Canadian Indigenous people who meet all entry requirements will be given priority for up to 20% of the enrolment quota; proof of ancestry is required.</p> <p>Eligible applicants will be considered in the following order of priority:</p> <ol style="list-style-type: none"> 1) Manitoba applicants. Proof of residency may be required such as Manitoba Driver's License, Manitoba Health Card, or Manitoba High School diploma. 2) Canadians who reside in other provinces or territories. <p><u>Program Entry Requirements</u></p> <ul style="list-style-type: none"> • completion of a 3 year or 4 year undergraduate degree; • successful completion of at least 24 credit hours in one regular Fall/Winter session (from September to April);

- a completed self-declaration of criminal record including vulnerable sector check and adult/child abuse registry check;
- proof of Indigenous ancestry (treaty number, Manitoba Métis Federation number or letter from Band Council), if applicable;
- a minimum cumulative grade point average of 3.25 (on a 4.5 scale) in the last 60 credit hours of university-level courses;
- equivalent IB and/or AP courses will be accepted in lieu of university courses;
- completion of the following pre-requisite courses or equivalents, with no grade below a B (3.0 on a 4.5 scale):
 - Human Anatomy (3 credit hours);
 - Human Physiology (3 credit hours);
 - ~~Introductory Biology with genetics content (3 credit hours);~~
 - ~~Introductory Psychology department course (36 credit hours);~~
 - ~~Childhood Development (3 credit hours);~~
 - ~~Developmental Psychology Adolescence to Old Age (3 credit hours);~~
 - Introductory Statistics (3 credit hours);
 - English ~~department course~~ Literature (36 credit hours)-

Human Physiology must have been completed within five years of application; all other pre-requisite courses need to have been completed within the last 10 years or the equivalency within higher level courses.

A list of pre-requisite courses and equivalents is available from:

http://www.umanitoba.ca/faculties/medicine/units/medrehab/pt/pt_mpt_eligibility.html

Selected eligible applicants are interviewed and are ranked within their priority group as listed above, using a weighting of:

1. 60% based on the GPA of ~~the last 60 credit hours of university-level~~ pre-requisite courses (GPA ~~L60PG~~); and
2. 40% based on the Multiple-Mini Interview (MMI) score.

The MMI is a series of mini-interviews lasting 10 minutes each. The MMI evaluates non-cognitive attributes important for success in the health sciences, such as, critical thinking, ethical/moral decision making, self-evaluation, communication, cultural sensitivity and empathy.

GPA ~~L60PG~~ scores and MMI scores are converted into standardized z-scores before being combined

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	<p>into an overall ranking score. Information on the MMI can be found at www.umanitoba.ca/medrehab/media/pt_mmi_presentation.pdf.</p> <p>In order to pass the MMI, the applicant must:</p> <ol style="list-style-type: none"> 1. pass a minimum of six of the eight stations. A "pass" on an individual station constitutes a score of 4 or more on a 7-point scale; 2. attain a minimum interview score of 32/56 (57%) based on a grading scale of 1-7; and 3. maintain confidentiality in regards to the content of the MMI. A breach of confidentiality constitutes an automatic failure of the MMI. <p>Successful applicants who accept an offer of admission to the Master of Physical Therapy program must submit the following documentation to the department within the first 6 weeks of classes of the year in which they are admitted:</p> <ul style="list-style-type: none"> • Child Abuse Registry Check; • Adult Abuse Registry Check; • Criminal Record including Vulnerable Sector Check; • Completed Health Examination Form and Immunization Record Form; • Current Level C certification in Basic Rescuer Cardio Pulmonary Resuscitation (CPR); • Certificate of attendance to a Winnipeg Regional Health Authority PHIA (Personal Health Information Act) orientation session; • Certificate in Emergency First Aid is strongly recommended but not required. <p>No student will be allowed to participate in clinical fieldwork education without this documentation.</p>
<p>4.3 Program Requirements</p> <p>In general, students must complete one of the programs of study described below for the Master's degree. However, the program of study is determined by the department/unit and may follow the department/unit's supplementary regulations. Any single course cannot be used for credit toward more than one program.</p>	
<p>4.3.1 Thesis/Practicum Route</p> <p>A minimum of twelve (12) credit hours of coursework, unless otherwise stated in the department/unit's supplementary regulations, plus a thesis or practicum is required. The minimum must include at least six (6) credit hours at the 7000-level or above, with the balance of the coursework at the 3000-level or above. A maximum of twenty-four (24) credit hours of coursework is allowed unless the department/unit's supplementary regulations indicate otherwise. The student must complete the thesis/practicum at The University of Manitoba.</p>	<p>Not applicable for MPT program.</p>
<p>4.3.2 Course-based or Comprehensive Examination Route</p> <p>A minimum of twenty-four (24) credit hours of coursework and comprehensive examination(s) is required. The minimum must include at least eighteen (18) credit hours at the 7000-level or above with the balance of the coursework at the 3000-level</p>	<p>The MPT Program is 103 credit hours.</p> <p><u>MPT Program:</u></p>

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the Dept. of Psychology.

Observations

1. The **Dept. of Psychology** proposes M.A. School Psychology & Ph.D. Psychology supplementary regulation changes. These include changes to the Ph.D. candidacy examination and a reduction of 6 credit hours of electives in the M.A. School Psychology program. In addition, M.A. School Psychology students who do not intend on practicing in Manitoba schools may request to have the requirement of EDUA 5012 waived. Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

Dept. of Psychology

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.



October 6, 2021

Dear Committee,

Attached is a revised version of the Faculty of Graduate Studies (FGS) Supplemental Regulations for Psychology for your review and approval. The first three revisions are with respect to the implementation of our candidacy exams (Section 5.8), and the fourth revision concerns a removal of 6 credit hours of elective courses for our School Psychology Graduate program (Section 4.3.1). All revisions were approved at department council in January 2021.

- 1) On page 60 of Section 5.8, we clarify the expected timing of the candidacy exam which has been a source of inconsistency in the departmental implementation in the past. The purpose of this clarification is to ensure that our practices are fully in line with FGS expectations.
- 2) The purpose of the revision on page 63 is to clarify the expectations for the various components of the candidacy exam to increase fairness across students by eliminating significant deviations between research area groups.
- 3) We also provide wording to clarify the expected relationship between the various components of students' program of study, particularly between the candidacy exam and the dissertation proposal. Please see page 65 in Section 5.8 for specific details.
- 4) We are requesting to reduce the high course load of the School Psychology Graduate Program by removing 6 credit hours of electives. In addition, we wish to add a waiver option for EDUA 5012 for students who do not plan to work in Manitoba, as this is only required for clinicians wishing to be certified as school psychologists in our province. Please see pages 27 and 28 in Section 4.3.1. More supporting details concerning this final request are provided below.

Background:

The School Psychology program is one of the most course intensive programs at the University of Manitoba and, in comparison to other Canadian programs (please see attached program list), with 60 credits (over 4 terms) required in each stream. The 2-year comprehensive (non-thesis) program was developed 16 years ago, and the initial program was designed to cover a range of broad areas, including courses in Education. We added a thesis program in 2012, which requires an additional year in order for students to complete their research and requires research courses not completed by non-thesis students. Thesis students do not take electives, as the additional research courses required limits space in their program. This load is extremely high for both streams, and difficult for students to manage.

Rationale:

While electives may have added value, availability of relevant electives has been inconsistent and the demand on students is particularly problematic. Further, since students can take almost any course deemed relevant by the Program Coordinator, there is no consistency in which courses are taken, and thus we do not see this impacting our overall training of competencies required for the profession. Thesis students do not take electives, but the area has had several years to evaluate these students and we do not see any meaningful differences in practical or academic competencies.

Plan/request:

Remove requirement for 2 (3 CH) electives and add a waiver option for EDUA 5012. Students can request this waiver by emailing the School Psychology Area Group Chair prior to completion of the program.

The results will be that:

- Comprehensive stream students will have 54 CH of course work.
- Thesis stream students will remain at 60 CH, unless they do not wish to work in Manitoba, in which case they can apply to have the requirement waived and their load will be reduced to 57 CH in these cases.
- Our program will move from being tied for the most course intensive program in Canada to the second most course intensive program.

*Notes on EDUA 5012:

While this course is required for any school clinician in Manitoba, it is not a required course for umanitoba.ca students who plan to practice in other provinces. If students change their mind, they can take the course after their program is complete but would have to pay an additional fee. However, this is similar to the process for other Manitoba school clinicians as the course is not included in most programs where clinicians may practice in schools (e.g. Social work, occupational therapy, etc.).

Thank you for considering these requests.

Please do not hesitate to reach out if there are questions or concerns.

Sincerely,



--

Melanie Glenwright, Ph.D.
Associate Professor and Acting Associate Head (Graduate)
Department of Psychology, University of Manitoba
Winnipeg, Manitoba, Canada

School Psychology Programs in Canada

	Credits	Practicum/internship (hours)	Years required	Program type	Name of Program	Other
UBC	42	1200 hr (10 month) in year 3	3	Thesis	School and Applied Child Psychology	
U Alberta	36	Complete in 2 nd year	2	Thesis	School and Clinical Child Psychology	
U Calgary	48(MEd) 42 (MSc)-including prac courses	1200 hr (MEd) 2 practicum courses (MSc)	3/2	Course-based (MEd)/ Thesis (MSc)	School and Applied Child Psychology	
U Sask	33		2	Thesis	School and Counselling Psychology	Redeveloping program, not taking students for 2020-2021
URegina	30	For practicum route: Range between 150 and 200 hr		Thesis/Course route/Practicum option	Educational Psychology	
U of M	60	150 hr (1 st year) 300 hr (2 nd year)	3 (thesis) 2(non-thesis)	Thesis and non-thesis	School Psychology	
U of T Oise	5 FCEs (with prac course) 30 CU	250 hr	2	Thesis	School and Clinical Child Psychology	
UWO	18	N/A	2	Thesis	School and Applied Child Psychology	Internship is in PhD (1600 hr)
McGill	60	N/A	2	Non-thesis	School/Applied Child Psychology	Non-thesis but has research project Practicum completed in PhD
Mount st Vincent	30	600 hr in 2 nd year	2	Thesis	School Psychology	Complete two practica in 1 st year

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	<p>[formerly PSYC 8420] (3 credit hours). These may not count for any of the courses in (a) or (b), above.</p> <ul style="list-style-type: none"> MA Thesis Proposal Development course: PSYC 7780. This course must be completed within the first 4 terms of full time study in the program. <p>Quantitative students are required to complete:</p> <ul style="list-style-type: none"> At least 2 half courses (3 credit hours each) in research methods/design and/or quantitative methods and at least one ancillary half course (3 credit hours) that does not have a focus in quantitative research methods or design. Two half courses (3 credit hours each) within the psychology department at the 7000 level or higher which will provide the student with additional breadth in psychology and depth in their research area of interest. These courses may or may not have a specifically quantitative or methodology focus. MA Thesis Proposal Development course: PSYC 7780. This course must be completed within the first 4 terms of full time study in the program. <p>Students in the 2-year comprehensive stream school psychology program are required to complete the following courses (typically in the sequence outlined below):</p> <p>YEAR ONE FALL TERM Ethics, History, & Profession of School Psychology (3) - PSYC 7012 Psycho-educational Assessment and Measurement 1 (3) - PSYC 7022 Learning & Cognitive Impairment (3) - PSYC 7030 Working with Family, Schools, and Community Systems (3) - EDUA 7712 Child/Youth Psychopathology (3) - PSYC 7080</p> <p>YEAR ONE WINTER TERM Legal and Administrative Aspects of Schools for Clinicians (3) – EDUA 5012* Psycho-educational Assessment and Measurement 2 (3) - PSYC 7024 Teaching Strategies, Learning Styles, and Academic Remediation (3) - PSYC 7040 Junior Practicum in School Psychology (3) - PSYC 7050 Social, Emotional, and Personality Assessment of children/youth (3) - PSYC 7070</p> <p>YEAR ONE SUMMER TERM Comprehensive Exam - PART A</p> <p>YEAR TWO FALL TERM</p>

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	<p>Senior Practicum in School Psychology (6) - PSYC 7060 Behavioural Assessment and Intervention in School Settings (3) - PSYC 7090</p> <p>Interventions 1 (3) - PSYC 7820</p> <p>Consultation & Supervision (3) - PSYC 7120 Elective 1 (3) Elective 2 (3)</p> <p>YEAR TWO WINTER TERM Senior Practicum in School Psychology (6) - PSYC 7060 (continued) Interventions 2 (3) - PSYC 7830 School Psychology Research Design and Program Evaluation (3)- PSYC 7130 Development in Learning Environments (3)- EDUA 7710</p> <p>YEAR TWO SUMMER TERM Comprehensive Exam II - PART B – GRAD 7010</p> <p><u>*EDUA 5012 may be waived by the program coordinator for students who do not wish practice in Manitoba schools. A student can request this waiver by emailing the School Psychology Area Group Chair, requesting that the waiver be noted in the student's file. The School Psychology Area Group Chair will forward the email to the Graduate Program Coordinator for recording purposes. This email request needs to be completed prior to completion of the program.</u></p> <p>Thesis stream school psychology students are required to complete an individualized order of ALL of the above regular session courses listed for the comprehensive stream students EXCEPT the electives and comprehensive examinations, as well as:</p> <p>YEAR ONE FALL TERM Quantitative Methods in Psychology I (3) - PSYC 7200</p> <p>YEAR ONE WINTER TERM Quantitative Methods in Psychology 2 (3) - PSYC 7210 Thesis stream school psychology students must also take the MA thesis proposal development course (PSYC 7780).</p> <p>Clinical psychology students are required to take the following courses:</p> <p>Quantitative Methods in Psychology I PSYC 7200 (3) Personality and Psychological Assessment PSYC 7560 (3)</p>

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<ul style="list-style-type: none"> • meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses). <p>Individual department/units may have additional specific requirements for graduation and students should consult department/unit supplementary regulations for these specific requirements. A cumulative degree grade point average of 3.0 or greater is required in those courses that constitute the program of study for graduation in the Faculty of Graduate Studies.</p>	
<p>5.8 Candidacy Examination</p> <p>The candidacy examination is an absolute requirement of the Faculty of Graduate Studies and, as such, cannot be waived under any circumstances. However, the format and content of the candidacy exam varies from unit to unit. The purpose of the candidacy exam in doctoral programs is to determine the student's competence in the discipline with respect to understanding and absorbing a broad spectrum of material, and then researching, identifying, analyzing, synthesizing, and communicating ideas about that material in depth.</p> <p>At the time specified by the advisory committee, normally within the first year after the completion of the Ph.D. program coursework, but in no case later than one year prior to expected graduation, the student must successfully complete the formal candidacy examination.</p> <p>The examination is conducted according to a procedure established by the department/unit which is approved and documented in departmental/unit supplementary regulations. The department/unit supplementary regulations state the format and composition of the examination committee for the candidacy examination. The candidacy examination must be held at either The University of Manitoba Fort Garry or Bannatyne campus, or the St. Boniface Hospital Albrechtsen Research Centre normally during regular business hours.</p> <p>This examination, which must be independent from the thesis proposal, may be oral, written, or both and may cover subjects relevant to the general area of the student's research. The structure of the exam must be made known to the student well in advance of the exam. In the case where there is a required oral component, the student must be physically present.</p> <p>A "pass" decision of the examiners must be unanimous. Students must be provided with feedback on their performance and access to the reasons for the pass/fail.</p> <p>The Dean of the Faculty of Graduate Studies must be informed whether the candidate has "passed" or "failed" the candidacy examination on the "<u>Report on Ph.D. Candidacy Examination</u>" form.</p> <p>Any student who fails the candidacy examination twice will be required to withdraw from the Faculty of Graduate Studies and the notation on the student record will be "Required to withdraw".</p> <p>On successful completion of this examination, the student will be considered a candidate for the Ph.D. degree.</p>	<p>A. Purpose The purpose of the candidacy exam is to contribute to and evaluate the student's:</p> <ol style="list-style-type: none"> depth and breadth of preparation in the content, methodology, and theory which, in the judgment of the Advisory Committee, is relevant to the general program of doctoral study in Psychology; and ability to analyse, integrate, and creatively use information from divergent areas relevant to the general program of doctoral study in Psychology. <p>B. Candidacy Examination Committee The student's Advisory Committee constitutes the Candidacy Examination Committee. The student's Advisor is the Chair of the student's Candidacy Examination Committee.</p> <p>C. Examination Procedures The major area examination requirement may be satisfied in any one of three ways, namely:</p> <ol style="list-style-type: none"> a standard closed-book examination; a standard take-home examination; or an open-format examination. <p>Students are required to declare to the Graduate Office at least two months prior to the date on which they intend to take the exam. In any case, these deadlines apply for any year in which the student is writing the exam. All students will normally have take <u>their candidacy exam upon completion of most of their coursework (and passed their candidacy examination)</u> within two years of being admitted to the Doctoral Program (with non-provisional status) and at least within one year prior to graduation. In no case may candidacy examinations be taken prior to completion of the M.A. degree. Unless otherwise indicated, the Head (or designate) will be responsible for ensuring that each deadline involving Candidacy Examinations is met.</p> <p>Students will be asked to indicate the form of the examination and, the date it is to be taken. The student may opt out up to one week before the date for distributing the exam, except in cases of illness or crisis (as determined by the head or designate), when cancellation may occur at any time. The student's Advisor, after consultation with the other members of the Candidacy Examination</p>

Committee, will complete and submit to the Head (or designate) the appropriate form (together with a detailed description of the composition of the candidacy examination itself and the evaluation procedures to be used) at least 5 working days prior to its distribution. The dates for distributing all forms of candidacy exams to students will be the same, namely September 15, February 1, and May 1 of each academic year.

At the time of the exam distribution, the Candidacy Examination Committee will provide the student (in writing) the specific weights for each question/topic and the method to be used to determine the final pass/fail decision. Each question/component of the exam must be evaluated on a pass/fail basis by each member of the committee. A committee's decision will be considered a unanimous pass when the total number of failing evaluations received across all committee members and questions/components of the exam is 2 or fewer. If one committee member fails more than 2 components or more than 2 committee members fail any one component, this will therefore result in a failed exam.

The committee may include provisions for the committee to discuss the evaluation of questions/components in cases of disagreement, so long as the corresponding method of evaluation is provided to the student in writing at the time of the exam distribution.

When the examination is finished, the Head (or designate) shall distribute copies of the completed exam to the members of the Candidacy Examination Committee, and the Advisor shall ensure that the examination is evaluated on schedule. A rating-scale evaluation of the candidacy examination is encouraged to facilitate both grading of the exam and feedback to the student. Normally within six weeks the Candidacy Examination Committee will evaluate the examination and assign a pass or fail grade for the student. The student's Advisor will notify (in writing) the student and the Head (or designate) whether the student has passed or failed the examination, or the reason for a delayed decision.

Within 3 weeks after notification of the student's pass/fail grade, each student must receive written feedback from the Advisor on behalf of the Candidacy Examination Committee. This feedback will address the quality of the student's writing, organization, and content of answers to each question/topic of the exam. The student is encouraged to request more

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	<p>specific feedback from each member of the committee.</p> <p>The evaluation of the student at the time of the candidacy examination shall entail not only the student's performance on the examination but also overall preparedness for a career in psychology. If the career preparedness evaluation is negative, it shall be treated separately, as though it were an Advisor's negative report arising from a Progress Report Evaluation.</p> <p>Failure to meet the deadline for handing in the completed candidacy exam will constitute an automatic failure of the examination.</p> <p>Students who fail a candidacy examination shall be allowed a second attempt, and may elect a different form of examination for their second attempt.</p> <p>Students who fail the candidacy examination on two occasions will be required to withdraw from the program by FGS.</p> <p>The Candidacy Examination may be structured in one of three ways:</p> <p>1) Closed-book: Typically consists of 2, 4-hour examination periods on consecutive days. Questions are such that the student could answer them in three hours, leaving one hour to organize, outline, check through answers, etc.</p> <p>If the evaluation of the student's performance on the written portion of the closed-book examination is not unanimous, the Advisory Committee may require the student to take an oral examination to clarify performance. If the student declines to take an oral, a grade of F will ensue. If the student decides to attempt this oral exam, the student's grade will reflect performance on both the written and oral portions of the exam. This same policy will apply to either the student's first or second attempt at the examination. The content of the oral portion of the examination shall be either that specified for the written portion of the closed-book examination or some part thereof.</p> <p>2) Take-home: The examination is set by the Candidacy Examination Committee, with the exception that one question may be submitted by the student subject to the approval of and/or modification by the committee. The examination consists of four to eight questions which, together with answers, have a maximum combined length of 100 double-spaced typed pages (not counting the references and non-texted appendices that are specified in advance by the Candidacy Examination Committee). The completed</p>

examination must be submitted to the Head (or designate) within three months of distribution.

A student may contact committee members anytime during the initial four weeks of the examination period to clarify any questions. If problems arise in making such contact, they should be immediately resolved by consulting the Advisor or the Associate Head (Graduate). Except for such clarifications, the student will be expected to work alone (i.e., neither solicit nor receive from committee members or other individuals any form of assistance in answering a question on the exam). If inordinate delays are encountered in obtaining materials from the University of Manitoba's Document Delivery service, and if these resources are crucial for answering one or more questions on the candidacy examination, any time before the last week of the examination period the student may also request in writing permission from the Head for a time extension of up to 20-working days to submit the completed exam. The decision by the Head to grant the request will be based on the merits of the request, including documentation provided by the student, and the written approval of the Chair of the student's advisory committee. In cases of extended illness or crisis, extension of the deadline may be obtained from the Head (or designate). An optional oral exam to clarify performance is not allowed on the standard take-home examination. A second attempt at the examination will involve new questions. Unless otherwise noted, the general policies and procedures will be the same as described for the standard closed-book examination.

3) Open-Format Examination:

The examination is set by the Candidacy Examination Committee and will be independent of the thesis proposal. The examination consists of several questions which require answers:

a) either in essay-style or in a combination of essay/oral-style; and

b) either one or both of the following:

i. a sample application for a faculty-level research grant (following the most recent format required by CIHR, NSERC, or SSHRC). The selected grant application should be a multi-year operating grant from one of the tri-council agencies. The committee will specify which components the student is expected to complete, but should include at the minimum a project description, budget, timeline and CV/researcher contributions, and may include other components such

as knowledge mobilization, training plan, etc. The proposal should not be a description of the student's masters thesis work. A relationship to the PhD work is permitted, however the scope of the grant proposal should go beyond that of a typical PhD dissertation project. The grant proposal must be compliant with FGS requirements that the Candidacy exam remain "distinct" from the dissertation proposal.

- ii. a research paper for which the student has sole responsibility or for which the student assumed first-authorship. The research paper may be published, in press/accepted or submitted for peer review. If the paper has not yet been submitted for peer review, the student must follow the manuscript standards for a specified journal. The committee must assess the quality of the manuscript according to the standards of the relevant journal. The paper may contain components from the masters thesis work, but must be substantially different from the thesis, including at the minimum new analyses not presented in the thesis.

Students who choose to include only one of these optional elements will be required to answer as part of the candidacy examination between 3 and 6 questions, or questions based on 3 to 6 themes, posed by the Candidacy Examining Committee.

The committee may choose to have all or some of these questions answered in either written or oral format. All answers must be presented to the entire committee. Oral examinations with no written component will be limited to two ninety-minute sessions. Written examinations with no oral component may be answered in either close-book format or take-home format. If answered in a closed-book format, then closed-book procedures will apply with the exception that the examination will consist of two three-hour examination periods across two consecutive days. If answered in a take-home format, then take-home procedures apply with the exception that the combined length of the answers should be no more than 75 double-spaced typed pages (excluding references and non-texted appendices specified in advance by the Candidacy Examining Committee).

Students who choose to include both a sample grant application and a research paper will be required to answer as part of the candidacy

examination between two and four questions posed by the Candidacy Examination Committee. The committee may choose to have all or some of these questions answered in either written or oral format. All answers must be presented to the entire committee. Oral examinations with no written component will be limited to two sixty-minute sessions. Written examinations with no oral component may be answered in either closed-book format or take-home format. If answered in a closed-book format, then closed-book procedures will apply with the exception that the examination will be completed within a single 4-hour session. If answered in a take-home format, then take-home procedures will apply with the exception that the combined length of the answers should be no more than 50 double-spaced typed pages (excluding references and non-texted appendices specified in advance by the Candidacy Examination Committee).

Both oral questions and their answers will be audio recorded for possible future reference purposes. This recording will be held in the Psychology Graduate Office, and will be used only in situations in which the student appeals a failing grade for the oral examination. Once the student has passed and received Department approval, the audio recording will be destroyed.

If written and oral questions are mixed, the requirements will be proportional to the amount of work and number of questions in each examination format.

D. Relationship of Candidacy writing to other written material by the student

The written work submitted by the student for the candidacy exam (including all components such as grant proposals and manuscripts) must be substantially different from that of other written work submitted by the student for other elements of the program of study, including but not limited to: the dissertation proposal, masters thesis, and coursework. It is expected for some students that there may be substantial conceptual overlap between some of the topics covered in the candidacy exam and sections of the proposal literature review. These documents must present distinct, independent, and original writing about the concepts/topics that may overlap and must not replicate or duplicate specific text from each other.

5.9 Thesis Proposal

Some departments/units have specific procedures in place for approval of thesis proposals and students are advised to refer to the specific department/unit supplementary regulations. If departments/units require thesis proposal approval, this exercise must be independent from the candidacy examination. Regardless, the

Under the supervision of the Advisor, the student prepares a written proposal which is submitted to the members of the Committee. A thesis proposal must indicate if the proposed research requires any waivers of, or exceptions to Departmental requirements and policies. Data collection,

Report of the Faculty Council of Graduate Studies on Course, Program, Supplementary Regulation and Regulation Changes

Preamble

1. The Faculty of Graduate Studies (FGS) has responsibility for all matters relating to the submission of graduate course, program, supplementary regulation, and regulation changes. Recommendations for such are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a proposal from the School of Art.

Observations

1. The **School of Art** proposes MFA admission supplementary regulation changes. The changes include relaxing the requirement that applicants have a degree in fine arts/studio major, so long as they hold an eligible four-year degree and have evidence of artistic experience. Details included in cover letter provided by the unit.

Recommendations

Faculty Council of Graduate Studies recommends THAT the program changes from the unit listed below be approved by Senate:

School of Art

Respectfully submitted,

Dr. Kelley J. Main, Chair
Faculty Council of Graduate Studies

/ak

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the
Report to Senate.



**University
of Manitoba**

School of Art

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MEMO

DATE: November 30, 2021

TO: Faculty of Graduate Studies, Programs and Guidelines Committee

FROM: Sarah Ciurysek, Associate Director, Graduate + Research, School of Art

SUBJECT: Change to MFA Supplementary Regulation 4.2

The School of Art is proposing a change to section 4.2 (Admission Criteria) of its Supplementary Regulations for the Master of Fine Arts program. The motions to make this change to the Admission Criteria were unanimously passed by the School of Art Graduate Program Committee on April 23, 2021 and by the School of Art School Council on May 7, 2021.

The proposal is to change the admission criteria from:

Applications for admission to the M.F.A. Program will be considered from individuals who:

“Hold a minimum of a B.F.A. Honours degree (or equivalent) or a B.A. Honours with studio major from a recognized university”

to

“Hold either a four-year degree in fine arts or a four-year degree in another discipline and evidence of artistic experience”.

Rationale: The School of Art is proposing this change because occasionally, the School receives applications from very strong artists who do have an undergraduate degree, but do not have a degree in fine arts/studio major, yet who we would like to accept into the MFA program and who we believe would succeed in the program. Though most artists today have a BFA degree or an undergraduate degree with a studio major, it is still the case that many successful artists hold an undergraduate degree in another discipline (not in an artistic studio practice) while they have also developed their artistic studio practice through informal means. The School of Art would like to be able to consider these applicants and to admit them only in the case that they have an undergraduate degree as well as evidence of artistic experience, and of course that they have ranked highly enough within our application process. Examples of evidence of artistic experience that the admissions committee might consider include (amongst other examples): evidence of an active exhibition record, being the recipient

of provincial arts council and/or Canada Council for the Arts artistic project grants, training undertaken outside of an academic setting (e.g. an artistic mentorship program), a strong art portfolio. It is notable that in the past, the School has occasionally wished to accept a strong applicant who does not possess a BFA degree or an undergraduate degree with a studio major, and we have worked with FGS to accept such applicants.

This proposed change will allow the School the ability to admit these strong applicants in these occasional circumstances without needing to go through the process of appealing to FGS for an exception, thereby expediting the acceptance process and allowing us to remain competitive in the (time-sensitive) recruitment of such strong applicants.

Also importantly, this change would also be visible to potential applicants to the MFA program (via our website, the application portal etc) and we believe that this would help us to attract more potential applicants with diverse backgrounds to the program. Though our application numbers are not low, more applications from more diverse applicants are always welcome, as this results in more choice for the admissions committee, with more ability to be more inclusive.

Please find attached a Word doc showing the proposed change to Supplementary Regulation 4.2.

Thank you on behalf of the School of Art.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sarah Ciurysek', with a long horizontal flourish extending to the right.

Sarah Ciurysek
Associate Director, Graduate and Research
Associate Professor
School of Art
University of Manitoba
Winnipeg, Manitoba, Canada
sarah.ciurysek@umanitoba.ca

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<p>A summary of all action taken administratively is to be reported to the Faculty of Graduate Studies Executive Committee.</p>	
<p>SECTION 4: General Regulations: Master's</p> <p>4.1 General</p> <p>Although general regulations apply to all students, individual departments/units may have additional regulations that supplement these general regulations. All such supplementary regulations must be approved (as specified by the By-Laws of the Faculty of Graduate Studies), be published and available to students (please refer to the following link), and be kept on record in the Faculty of Graduate Studies. All students should consult department/unit supplementary regulations for specific details regarding admission, program requirements, progression, and completion. Individual departments/units may offer Master's programs by one or more of the following:</p> <ul style="list-style-type: none"> • Thesis/practicum-based; • Course-based; • Comprehensive Exam; • Project; • Accredited Professional; • Major research paper. 	
<p>4.2 Admission</p> <p>Students who are eligible to be considered for direct admission to a program of study leading to the Master's degree include:</p> <ul style="list-style-type: none"> • Graduates of four (4)-year undergraduate degree programs (or equivalent as deemed by the Faculty of Graduate Studies) from: <ul style="list-style-type: none"> ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by the Faculty of Graduate Studies. • Graduates from first-cycle Bologna compliant degrees. • Students who have completed a Pre-Master's program from: <ul style="list-style-type: none"> ○ The University of Manitoba (see General Regulations - Pre-Master's); or ○ Canadian institutions empowered by law to grant degrees; or ○ Colleges and universities outside Canada which are officially recognized by The Faculty of Graduate Studies. <p>All students applying for a Master's degree program must have attained a minimum GPA of 3.0 in the last two (2) full years (60 credit hours) of study. This includes those applying for direct admission and those entering from a Pre-Master's program. Students who meet the minimum requirements for admission to the Faculty of Graduate Studies are not guaranteed admission.</p> <p>Note: This is the minimum requirement of the Faculty of Graduate Studies and departments/units may have higher standards and additional criteria.</p>	<p>Admission Criteria</p> <p>Admission decisions reflect not only the qualifications of the applicant, but also the ability of the School of Art and The University of Manitoba to support the applicant's intended program of study.</p> <p>The following are minimum requirements for consideration. Those selected for admission may have much higher qualifications.</p> <p>Applications for admission to the M.F.A. Program will be considered from individuals who:</p> <ul style="list-style-type: none"> a) Hold either a four-year degree in fine arts or a four-year degree in another discipline and evidence of artistic experience; a) Hold a minimum of a B.F.A. Honours degree (or equivalent) or a B.A. Honours with studio major from a recognized university; b) Have attained, in the last 60 credit hours of study, a minimum grade point average of 3.0 (B) (or equivalent); c) Graduates of the University of Manitoba B.F.A. Honours program are encouraged to have at least three years of post-degree professional studio experience. This is intended to provide for a broader experience for these graduates, who may have already studied primarily with the Faculty in their chosen specialization. Exposure to multiple ways of working and points of view will allow recent University of Manitoba graduates to bring a more varied experience to the M.F.A. Program.

Report of the Senate Committee on Admissions concerning a proposal from the Université de Saint-Boniface to modify the admission requirements for the Baccalauréat en Travail Social (2022.03.22)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Université de Saint-Boniface is proposing some modifications to the admission requirements for the Baccalauréat en Travail Social (BTS). There are four proposed changes:
 - i. Use an adjusted grade point average instead of a cumulative grade point average for the purpose of admission.
 - ii. Addition of 3 credit hours in Mathematics as an admission requirement.
 - iii. Addition of 6 credit hours of Sociology as an admission requirement.
 - iv. Provide clarification regarding which French language courses can be used to satisfy the French language admission requirement.
3. The proposal was approved by the Université de Saint-Boniface Sénat on January 27th, 2022 and was endorsed by SCADM on March 22nd, 2022.

Observations:

1. *Adjusted grade point average requirement:* Depending on the number of credit hours they have completed, applicants might have the opportunity of excluding some grades from the grade point average calculation used for admission.
2. *Addition of the mathematics requirement:* Currently, a three-credit hour mathematics course must be completed within the first 60 credit hours of the program. Including the requirement in the admissions process will be helpful to ensure that students are adequately prepared for some other courses that they will take early in the program.
3. *Addition of the sociology requirement:* The sociology courses being added are foundational and are essential in ensuring that students are successful in completing their studies in social work.
4. *French language courses:* This change provides clearer language so that applicants will understand which courses can be used to satisfy the French language courses requirement.

Recommendation:

The Senate Committee on Admissions recommends that the proposal to modify the admission requirements for the Baccalauréat en Travail Social be approved effective for the fall 2023 intake.

Respectfully submitted

Laurie Schnarr, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

All submissions should contain a covering memo from the faculty, college, or school submitting the proposal. Please include the date the proposal was approved by faculty council and the desired effective date of the regulation.

Section I – Description of the change

- Changes being proposed
- Include any relevant contextual and background information.
- Include the current requirement (exact wording)
- Specify the rationale for the change and any other observations
- Include the effective date of the proposed modification

Changement 1 :

The *École de travail social* is proposing adding an adjusted average as a criterion for admission. Students would need to have a minimum adjusted average of 2.50 for admission to the *École de travail social*.

At the present time, the cumulative average is used for admission to the *École de travail social*. In sub-section 2.1 « Admission après Université 1 » of the *Baccalauréat en travail social* program requirements (USB Calendar), the adjusted average criterion would be presented in the following fashion:

avoir une moyenne ajustée de 2,50. La moyenne ajustée est calculée pour tenir compte des cours académiques les plus récents et pour permettre certaines éliminations des notes les plus basses parmi ces cours. Seulement les 60 crédits les plus récents, jugés acceptables par l'Université de Saint-Boniface, seront calculés dans la moyenne cumulative. Si une étudiante ou un étudiant a complété entre 36 à 59 crédits universitaires, 6 crédits de cours avec notes les plus basses seront éliminés dans le calcul de sa moyenne ajustée. Si une étudiante ou un étudiant ayant complété plus de 60 crédits universitaires, la moyenne ajustée sera calculée sur les plus récents 60 crédits universitaires complétées, moins douze (12) crédits de cours avec notes les plus basses.

Dans le calcul de la moyenne ajusté, tous les cours qui ont reçu une note finale sont considérés comme des cours universitaires terminés, y compris les cours échoués et les cours répétés. Les exceptions à cette règle sont les suivantes : les cours notés « Réussite/Échec » ou « Satisfaisant », et les cours qui ont été évalués et décernés en tant que crédit universitaire de l'un ou l'autre des programmes de stages avancés ou du Baccalauréat International. Ceux-ci sont exclus à la fois de la moyenne ajustée et à partir du plus récent nombre de 60 heures de crédit.

Les cours complétés à temps plein ou à temps partiel, dans tous les programmes de premier cycle et d'études supérieures, et pendant les trimestres d'automne, d'hiver et d'été (sauf pour les travaux effectués après la période d'examen d'avril de l'année de candidature) seront inclus dans le calcul de la moyenne ajustée.

The minimum adjusted average would allow students with a low cumulative average who are seeking admission to the program to exclude 6 to 12 crédits from the calculation, depending on the number of completed university credits.

The use of the minimum adjusted average will be added to the admission requirements presented in the Calendar in September 2022 and will become effective as of September 2023. This change has no impact on other units.

Changement 2 :

The *École de travail social* is proposing the addition of three (3) credits in mathematics as a requirement for admission to the program. In sub-section 2.1 « Admission après Université 1 » of the *Baccalauréat en travail social* program requirements (USB Calendar), the criterion for mathematics would be presented in the following manner: **avoir complété trois (3) crédits de mathématiques.**

Currently, a three-credit course in mathematics must be completed within the student's first 60 credits. The *École* is proposing that the course in mathematics be completed prior to admission into the program. Once admitted to the program, students are required to take a research methods course for which the math course will be useful, as it will enable them to better understand and apply research concepts used in social work at the micro and macro levels. Furthermore, a math course will also assist students in understanding concepts taught in the required psychology courses, as well as those taught in the sociology courses that are being proposed as a further admission requirement (see third proposed change below).

The admission requirement of three (3) credits in mathematics will be added to the Calendar in September 2022 and will become effective in September 2023.

The statement of support from USB's *Département de mathématiques* confirms that this proposed change has no impact on its courses.

Changement 3 :

The *École de travail social* is proposing the addition of six (6) credits in sociology as a requirement for admission to the program. More specifically, completion of the courses SOC 1211 *Introduction à la microsociologie* and SOC 1221 *Introduction à la macrosociologie* will be required prior to admission to the *École de travail social*, with the minimum grade required by the sociology program.

In sub-section 2.1 « Admission après Université 1 » of the *Baccalauréat en travail social* program requirements (USB Calendar), the new requirements in sociology will be presented in the

following fashion : **avoir complété les cours SOC 1211 et SOC 1221 avec la moyenne minimale requise dans le programme de sociologie.**

The *École de travail social* currently requires six (6) credits in psychology for admission. The École considers the sociology courses identified above as foundational courses that students need to complete in order to subsequently successfully pursue their studies in social work.

The requirement for six (6) credits in sociology will be added to the admission requirements presented in the Calendar in September 2022 and will become effective in September 2023.

A statement of support from USB's sociology program confirms that the proposed changes have no impact on its courses.

Changement 4 :

The *École de travail social* is proposing specifying the courses from which students can choose in order to complete the six (6) credits in French language courses prior to admission. In sub-section 2.1 « Admission après Université 1 » of the *Baccalauréat en travail social* program requirements (USB Calendar), the requirement with respect to French language courses would be presented as follows:

avoir complété 6 crédits de français parmi les cours suivants (selon les résultats du profil linguistique) :

FRAN 1007, FRAN 1009, FRAN 1021, FRAN 1111, FRAN 1091*

***FRAN 1091 est un préalable au cours SWRK 3151 et doit être complété dans les premiers 60 crédits du programme.**

At the present time, the presentation of this requirement is not as clear as it should be. It currently reads as follows : « à l'USB, les exigences au niveau d'Université 1 incluent 3 crédits en mathématiques et 6 crédits en langue (selon les profils linguistiques, jusqu'à 15 crédits en langue peuvent être exigés). Il est fortement recommandé de suivre les 3 crédits en mathématiques pendant Université 1. Il est à noter qu'ils doivent faire partie des 60 premiers crédits du programme de B.T.S. ».

With the proposed changes, the choice of French language courses is more clearly explained and students will have a more precise understanding of the French language course requirements following their French language evaluation profile.

The proposed changes will be added to the admission requirements presented in the Calendar in September 2022 and will become effective in September 2023.

A statement of support from USB's *Département de français* confirms that the proposed changes have no impact on its courses.

Les modifications à l'admission, approuvées le 7 janvier par le Sénat de l'USB le 27 janvier 2022.

Section II - Consultation with other faculties

If the proposed change will have an impact on other faculties the proposal should include documentation or letters of support from the faculties. As an example, if a required course taught by another faculty is being added to a set of admission requirements a letter of support would be appropriate to assure the committee that there are no capacity issues.

- Des lettres d'appui des départements de mathématique, sociologie et français sont incluses. Aucun impact n'est prévu avec les changements proposés.
- Une lettre d'appui de la part de la Faculté de travail social de l'Université du Manitoba.

Section III – Recommendation

SCADM is being asked to endorse the following:

- 1) The addition of an adjusted grade point average of 2,50.
- 2) Having completed three (3) credit hours of math as a criterion of admission to l'École de travail social.
- 3) Having completed six (6) credit hours of sociology as a criterion of admission to l'École de travail social.
- 4) A clearer and more descriptive explanation of French courses required to be completed, according to student's linguistic profile.

Direction de l'École de travail social : Florette Giasson

Doyen de la FÉÉP : Bertrand Pauget

8 février 2022

Section D – Academic Calendar Content

2.1 Admission après Université 1

Pour être admis au programme, il faut :

- avoir obtenu au moins 30 crédits universitaires avec une moyenne cumulative minimale de 2,5; **ou**
- avoir une moyenne ajustée de 2,50. La moyenne ajustée est calculée pour tenir compte des cours académiques les plus récents et pour permettre certaines éliminations des notes les plus basses parmi ces cours. Seulement les 60 crédits les plus récents, jugés acceptables par l'Université de Saint-Boniface, seront calculés dans la moyenne cumulative. Si une étudiante ou un étudiant a complété entre 36 à 59 crédits universitaires, 6 crédits de cours avec notes les plus basses seront éliminés dans le calcul de sa moyenne ajustée. Si une étudiante ou un étudiant ayant complété plus de 60 crédits universitaires, la moyenne ajustée sera calculée sur les plus récents 60 crédits universitaires complétées, moins douze (12) crédits de cours avec notes les plus basses.

Dans le calcul de la moyenne ajustée, tous les cours qui ont reçu une note finale sont considérés comme des cours universitaires terminés, y compris les cours échoués et les cours répétés. Les exceptions à cette règle sont les suivantes : les cours notés « Réussite/Échec » ou « Satisfaisant », et les cours qui ont été évalués et décernés en tant que crédit universitaire de l'un ou l'autre des programmes de stages avancés ou du Baccalauréat International. Ceux-ci sont exclus à la fois de la moyenne ajustée et à partir du plus récent nombre de 60 heures de crédit.

Les cours complétés à temps plein ou à temps partiel, dans tous les programmes de premier cycle et d'études supérieures, et pendant les trimestres d'automne, d'hiver et d'été (sauf pour les travaux effectués après la période d'examen d'avril de l'année de candidature) seront inclus dans le calcul de la moyenne ajustée.

[...]

- avoir complété les cours SOC 1211 et SOC 1221 avec la moyenne minimale requise dans le programme de sociologie ;
- [...]
- avoir complété 3 crédits en mathématiques à l'USB, les exigences au niveau d'Université 1 incluent 3 crédits en mathématiques et 6 crédits en langue (selon les profils linguistiques, jusqu'à 15 crédits en langue peuvent être exigés). Il est fortement recommandé de suivre les 3 crédits en

~~mathématiques pendant Université 1. Il est à noter qu'ils doivent faire partie des 60 premiers crédits du programme de B.T.S.;~~

- avoir complété 6 crédits de français parmi les cours suivant (selon les résultats du profil linguistique):
 - FRAN 1007
 - FRAN 1009
 - FRAN 1021
 - FRAN 1111
 - FRAN 1091

***FRAN 1091 est un préalable au cours SWRK 3151 ou SWRK 3153 et doit être complété dans les premiers 60 crédits du programme.**

[...]

- ~~remplir et déposer au Registrariat un formulaire de demande d'admission avant la date limite de demande d'admission au B.T.S.;~~
- ~~remettre les attestations de vérification des antécédents judiciaires et du registre concernant les mauvais traitements. Les directives pertinentes à cette vérification sont envoyées par le Registrariat avec l'accusé de réception de la demande d'admission;~~
- monter un dossier de candidature et le déposer au Registrariat avant la date limite de remise de documentation (consulter le site Web sous la rubrique Futurs étudiants et choisir Dates limites ~~voir ustboniface.ca/admission~~). Les directives précises pour constituer le dossier sont envoyées par le Registrariat avec l'accusé réception de la demande d'admission. Ce dossier doit inclure :
 - un texte de présentation,
 - une lettre de recommandation et
 - un curriculum vitae récent;
 - un dossier judiciaire (voir section 2.5 ci-dessous)

[...]

2.4 VÉRIFICATION DU CASIER JUDICIAIRE ET REGISTRE CONCERNANT LES MAUVAIS TRAITEMENTS

[...] Dans le cas une étudiante ou un étudiant prend une pause du programme pour un an ou plus, il devra aussi présenter avec sa demande de réintégration au programme les documents suivants : Vérification du dossier judiciaire, Vérification du registre concernant les mauvais traitements aux enfants et Vérification du registre concernant les mauvais traitements envers les adultes. [...]

Report of the Senate Committee on Curriculum and Course Changes RE: Closure of the Bachelor of Commerce (Honours) in Operational Research / Operations Management, I.H. Asper School of Business

Preamble

1. The [terms of reference](#) for the Senate Committee on Curriculum and Course Changes (SCCCC) are available on the University Governance website. The SCCCC is “to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses.”
2. At its meeting on March 25, 2022, the SCCCC considered a proposal from the Department of Supply Chain Management, I.H. Asper School of Business (Faculty of Management), to close the Bachelor of Commerce (Honours) in Operational Research / Operations Management.
3. The proposal was endorsed by the Faculty Council of the Faculty of Management at its meeting on September 24, 2021.
4. The proposal is one component of a larger initiative underway in the Faculty to review its undergraduate curriculum, with various other proposals for course and curriculum changes to be brought forward to Senate in future, including proposals to delete several courses required in the Major.

Observations

1. The Department of Supply Chain Management, I.H. Asper School of Business, is proposing to close the B.Comm.(Hons.) in Operational Research / Operations Management given a lack of student demand for the program and for the courses required for Major. In the previous twenty years, only eight students elected to complete the program.
2. Currently, there are no students who have declared a Major in Operational Research / Operations Management. There has been no enrolment in the program since 2005, following the graduation of the last student to complete the Major in 2004.
3. Students would not be adversely affected by the closure of the Major in terms of program options for current and future students. Many concepts that were taught in the Major were incorporated into the curriculum of the B.Comm.(Hons.) in Logistics and Supply Chain Management that was established in 2002, to address market demand (Senate, December 4, 2002).
4. It is anticipated that, in the Fall 2022, the Faculty will submit proposals to the SCCCC, to delete several MSCI and OPM courses required in the Major.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate recommend that the Board of Governors approve the closure of the Bachelor of Commerce (Honours) in Operational Research / Operations Management.

Respectfully submitted,
Professor Greg Smith, Chair
Senate Committee on Curriculum and Course Changes

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

PERMANENT CESSATION OF A PROGRAM OF STUDY

Under The Advanced Education Administration Act

Universities and colleges requesting approval for the **permanent cessation** of a program of study from Education and Training must apply using this application form. This form reflects the requirements set out in the Programs of Study Regulation (MR 134/2015) under The Advanced Education Administration Act.

UM INTERNAL REQUIREMENTS

1. Please complete the application below and submit one (1) electronic copy (.pdf format) each to the Deputy Provost (Academic Planning and Programs) and the Office of the University Secretary, along with the following supplemental documentation:
 - a. A cover letter justifying and summarizing the rationale behind the request for permanent cessation.
 - b. Letters of support from external stakeholders that were consulted as part of this proposal, if applicable.
 - c. Course Deletion forms, where applicable. To access the course deletion forms, please visit:
 - Undergraduate Courses: <http://umanitoba.ca/admin/governance/forms/index.html>
 - Graduate courses: http://umanitoba.ca/faculties/graduate_studies/admin/course_delete.htm
2. Please refer to the policy, Submission of Course, Curriculum and Program changes for further information. http://umanitoba.ca/admin/governance/governing_documents/academic/356.html
3. Please direct questions to Cassandra Davidson, Academic Programs Specialist, Office of the Provost and Vice-President (Academic) at Cassandra.Davidson@umanitoba.ca or 204.474.7847.

SECTION A – PROPOSAL DETAILSInstitution: **University of Manitoba**Applicable faculties/department with responsibility for the program: **Department of Supply Chain Management, Asper School of Business**

If program is a joint program, list all participating institutions and the roles of each in delivering the program to be ceased:

NoneProgram name: **Operational Research/Operations Management**Credential awarded: **Bachelor of Commerce (Honours) in Operations Research/Operations Management**Proposed start date for permanent cessation: **Fall 2023**

Institutional Program Code(s) (PSIS reporting number):

Office Use Only

One-time funding:

On-going funding:

SECTION B – PROGRAM DESCRIPTION AND DELIVERY

B-1 Provide a general description of the program and its objectives: *(Include intended purpose, curriculum design, and highlight distinctive attributes)*

The Operations Research/Operations Management (OR/OM) major is intended to teach students about the business activities required to maximize efficiency within an organization. It involves planning, organizing, and overseeing the organization's processes to balance revenues and costs and ensuring that the organization successfully converts inputs such as materials, labor, and technology into outputs in the form of goods and services in the most efficient manner.

The OR/OM major requires students to take four 3-credit hour courses from a specified list of courses, beyond the other required courses for the BComm degree.

Please note the OR/OM major has been dormant since 2005. The last student that graduated with the OR/OM major was in 2004.

B-2 Length of Program: *(Define the length of the proposed program using measures appropriate to the schedule and delivery format. This will include total course credits and weeks/months, and, where relevant, hours and semesters of instruction).*

The Bachelor of Commerce (Honours) program comprises 120 credit hours of course work. At Asper, students typically choose a major at the beginning of their third year. Each student must declare at least one major and present a minimum Degree Grade Point Average of 2.00. A Major in Operational Research/Operations Management consists of 12 credit hours from the following courses:

MSCI 3400: Intermediate Management Science

OPM 3650: Management of Quality and Reliability

OPM 3660: Operations Management in Service Organizations

OPM 3670: POM Project in Industry

MSCI 4220: Management Science Models in Business and Industry

OPM 4620: Production Management Seminar

B-3 Provide a description of the intended outcomes of the program being permanently ceased:

The Operations Research/Operations Management major is intended to prepare students to be able to use statistics and mathematics to solve business problems and make business decision that optimize the use of resources to attain business objectives. A student seeking this major would usually find career opportunities as a Production Supervisor, department manager, or plant manager in both goods-producing industries and the service sector.

B-3.1 - Describe how this program serves and advances the academic, cultural, social, and economic needs and interests of students and the province:

The major in Operational Research/Operations Management used to be an important one at the Asper School of Business. However, the demand for the major has significantly declined. In 2004, a major in Logistics and Supply Chain Management was introduced in response to market demand. This major subsumes many concepts taught in the OR/OM major and students are more inclined to choose this major over OR/OM, considering the employment market in Manitoba and Canada prefers SCM majors over OR/OM majors. Over the years, student interest has shifted to a major in Supply Chain Management rather than a major in Operational Research/Operations Management. This is consistent with the trend across business schools in North America.

B-3.1 - Describe the existing and anticipated post-secondary learning needs of students in Manitoba that this program addresses and responds to.

This major develops quantitative problem-solving skills, particularly an aptitude in mathematics and statistics. Nowadays, many organizations employ engineers or mathematics/statistics graduates for positions for which OR/OM graduates were previously employed. Therefore, the cessation of this major does not leave a void in the learning needs of students, as those learning needs are now being addressed by other disciplines at the university.

B-4 Describe the mode of delivery for this program:

The mode of instruction has been via in-person classes.

SECTION C – INFORMATION REGARDING PERMANENT CESSATION DEVELOPMENT PHASE

C-1 Identify and provide a detailed description of the rationale for the permanent cessation of this program of study:

(Such as changes in applications, enrolment, employer demand.)

Over the past 20 years, only 8 students have ever chosen the OR/OM major, with the last student graduating with this major in 2004. Retaining this major and offering the courses toward this major is an inefficient use of our academic resources. It is also misleading to students, considering the courses toward this major are no longer offered due to non-existent demand for those courses. Therefore, we would like to delete this program permanently.

The Logistics and Supply Chain Management major was introduced in 2004 with the intention of replacing the OR/OM major. However, the OR/OM major was never deleted from the books.

C-2 If applicable, describe any program reviews, evaluations, or other program review processes that occurred during the temporary cessation of this program:

The Asper School's Undergraduate Curriculum Review conducted an extensive analysis of its courses and majors and consulted with multiple stakeholders, including being voted on by the Undergraduate Program Committee and Faculty Council. This permanent cessation request is an outcome of the process.

C-3 Describe how the permanent cessation of this program aligns with the strategic plans of your institution:

One of the strategic goals of the University of Manitoba is to “Establish Faculty program sustainability plans and develop a process for determining and ensuring program sustainability across the University.” The OR/OM major is not sustainable and has not been for many years now. Therefore, its cessation following a detailed analysis, is fully consistent with the strategic plan of the university.

C-4 Outline the internal approval process (i.e., committees, governing bodies) for approving the permanent cessation of this program of study within your institution and indicate any dates of decision: *(Governing Council, Board of Governors, Board of Regents, Senate, other)*

UM INTERNAL REQUIREMENTS: Please note date(s) of Faculty/College/School Approval. Approval dates through the governing bodies will be inserted by the Provost's Office prior to submission to government.

<u>Decision-Making Body</u>	<u>Date of Approval</u>
Faculty/College/School	_____
SCCCC (<i>undergrad only</i>)	_____
SPPC (<i>if applicable</i>)	_____
Senate Executive	_____
Senate	_____
Board of Governors	_____

C-5 Responsibility to consult

C-3.1. Is this program subject to mandatory review or approval by organizations external to the institution (such as regulatory bodies, Apprenticeship Manitoba, etc.)? *(If yes, please describe consultation process and provide copies of reports or letter from these organizations.)*

No, it is not.

C-3.2 What agencies, groups, or institutions have been consulted regarding the permanent cessation of this program?

The Asper student body, faculty, and staff have been consulted. There has been no intake into the program since 2005.

C-3.3 How have students and faculty been informed of the intent to permanently cease this program?

Faculty have been informed. Once Senate and the province have approved permanent cessation of the major, students will be informed via email, social media, Asper website, BComm Program Guide, undergraduate program office staff, etc. Students have known for many years that intake to the program is not possible. Therefore, informing them will be merely a formality. Nevertheless, this will be done.

C-6 Describe the impact that the permanent cessation of this program may have on developing a skilled workforce and on labour market need in Manitoba:

Although we haven't conducted a formal study of the impact the permanent cessation of this program will have on the labour market in Manitoba, it is to be noted that this major has been practically non-existent since 2005. If the lack of students in this major was resulting in a labour shortage in Manitoba, the Asper School would have heard about it from the business community. However, we have not had any such feedback. Moreover, the Supply Chain Management major has taken care of any labour market shortage that could be created by the permanent cessation of the OR/OM major.

D-1 Describe how the permanent cessation of this program will affect any specific ladder, articulation, and/or credit transfer options for students in Manitoba and Canada:

This program does not have any specific agreements with any institutions.

D-2 Describe how the permanent cessation of this program may affect the academic, cultural, social, and economic needs and interests of students and the province:

We believe that the permanent cessation of this program will not affect students or the province. Students can still take operations courses in another Faculty at the university such as Engineering or Science.

D-3 UM INTERNAL REQUIREMENTS: Describe how the permanent cessation of this program will impact course offerings in the unit. Provide a list of courses that are to be deleted (indicate subject code, course number, the course title, number of credit hours) as a result of the permanent cessation and append the appropriate deletion forms.

The courses required for this major have not been offered in years due to lack of demand. When we have tried offering these courses, the enrollments have been very low resulting in cancellation of those course sections.

MSCI 3400 Intermediate Management Science Cr.Hrs.3

Operations research models used in the analysis of management problems. Topics include network analysis, deterministic inventory models, dynamic programming and game theory. Prerequisite: MSCI 2150 or consent of instructor.

MSCI 4200 Topics in Management Science Cr.Hrs.3

Topics of current interest in management science. Prerequisite: MSCI 2150. Not taught every year.

MSCI 4220 Management Science Models in Business and Industry Cr. Hrs.3

An applied course providing practical experience in modeling and solving business and industrial problems. Emphasis to be placed upon analysis, formulation, solution, and implementation. Not taught every year. Corequisite: one of MSCI 3400, MSCI 4200 or MSCI 4230.

MSCI 4230 Simulation Models in Management Science Cr.Hrs.3

Introduction to and use of simulation models and techniques to solve business and industrial problems. Not taught every year. Prerequisite: MSCI 2150

OPM 3640 Project Planning and Control Cr.Hrs.3

Currently not offered.

OPM 3650 Management of Quality and Reliability Cr.Hrs.3

This course offers a practical introduction to modern quality assurance and reliability management concepts, methods and practices. It builds upon the relevant subject matter in basic courses in production management and prepares for positions in the field of quality and reliability management. Prerequisite: SCM 2160.

OPM 3660 Operations Management in Service Organizations Cr.Hrs.3

This course explores the applications of operations management concepts to the management of service operations. The characteristics of a service operation, while generally comparable to manufacturing a product, often place a unique demand upon the service manager. These demands, along with the analysis of actual company situations through case study applications, are emphasized.

OPM 3670 POM Project in Industry Cr.Hrs.3

An applied course, designed to bridge the gap between theoretical concepts developed in previous POM courses and current industrial practices by means of an industrial project. Prerequisites: SCM 2160 or consent of instructor.

OPM 4620 Production Management Seminar Cr.Hrs.3

Problems, development, and application of analytical methods in production and operations management with emphasis on planning and control. Prerequisite: MSCI 2150 and SCM 2160.

OPM 4630 Production and Inventory Systems: Planning and Control Cr.Hrs.3

To develop concepts and understanding about the planning and control system used to guide and coordinate the flow of materials, labor inputs and goods and services through the physical productive system. Topics to be covered include: 1) Independent demand inventory systems, 2) Dependent demand inventory systems, 3) Aggregate planning, 4) Capacity planning and control. Prerequisite: SCM 2160.

D-4 UM INTERNAL REQUIREMENTS: Describe how the permanent cessation of this program and the deletion of any related courses may affect other academic programs at the institution. For undergraduate programs, include Request for Statement of Support forms, or for graduate programs, append letters of acknowledgement from those units/programs that may be impacted.

No other academic programs at the University of Manitoba will be affected by the permanent cessation of the OR/OM major.

SECTION E– STUDENT IMPACTS

E-1 Provide a program completion plan for students currently enrolled in the program that is being permanently ceased:

There are no students currently enrolled in the OR/OM major.

UM Internal Requirements: Is there a potential for students who are currently not registered and who may not have been registered for one or more years to return to the program? If so, outline any plans on how these students will be accommodated.

There have been no students registered in this program since 2004.

E-2 Will previous graduates of this program be negatively affected by its cessation?

There will be no impact on previous graduates.

E-3 What was the maximum seat capacity of the program that is being permanently ceased?

There was no maximum seat capacity per se, as any Asper student could choose the OR/OM major if they so wished.

E-4 What was the enrolment and graduation rate for this program over the past 5 years?

None. There have been no students registered in this program since 2004.

SECTION F – FINANCIAL REALLOCATION

F-1 What portion of ongoing funding is allocated to this program?

The faculty who were teaching courses toward the Operations Research/Operations Management major have since been reassigned to the courses that are offered toward the Logistics and Supply Chain Management major that was offered starting 2004. Similarly, with the administrative staff and any other resources that were being utilized for the OR/OM major.

F-2 Please provide a detailed description of how these funds will be reallocated:

Not applicable.

SECTION G – SIGNATURES

(A second signature section is provided for joint programs only)

SUBMITTED BY:

President:

Name:

Signature:

Date:

Vice-President/Academic:

Name:

Signature:

Date:

For use by joint programs only:

President:

Name:

Signature:

Date:

Vice-President/Academic:

Name:

Signature:

Date:

SUBMIT COMPLETED FORM

PROVOST'S OFFICE ONLY Once completed and signed, please submit this application form to Post-Secondary Education and Labour Market Outcomes at PSE-LMO@gov.mb.ca with the following attachments (*double-click to engage check box*):

☐

Cover letter

☐

Any supporting documentation (*reviews, letters of support, etc.*)

If you have any questions or require further information, please contact:

Post-Secondary Education and Labour Market Outcomes

Manitoba Education and Training

400-800 Portage Avenue Winnipeg MB R3C 0C4

(204) 945-1833

PSE-LMO@gov.mb.ca

Report of the Senate Committee on Instruction and Evaluation RE: Academic Regulations, École de travail social, Université de Saint-Boniface

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) can be found at:
https://www.umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_Instruction_and_Evaluation_Terms_of_Reference.pdf
2. At its meeting on March 17, 2022 SCIE considered a proposal from the Université de Saint-Boniface regarding École de travail social's academic regulations.

Observations:

Progression Regulations

1. Students in the Baccalauréat en travail social program would be required to complete the required 123 credit hours in nine years.
2. If a student is on a leave of absence from the Baccalauréat en travail social program for less than two years, the student would be permitted to re-enter the program without submitting a new request for admission. Students who are on a leave of absence for more than two years but have not taken courses in another program would be permitted to re-enter the program upon written request to the program Director. Students who are on leave of absence and have exceeded the maximum duration of nine years in the program or who have taken courses in another program would be required to apply for admission.
3. Students who received three "F" grades in the Baccalauréat en travail social program would be withdrawn from the program.

Field Program Requirements

1. Students would be required to comply with the vaccination requirements of their field placement.
2. Transfer of credits would not be granted for SWRK 3151 or SWRK 4303.
3. Students would be permitted to voluntarily withdraw from SWRK 3151 and 4121 once. Students who voluntarily withdraw from these courses more than once would be required to withdraw from the program.
4. Students who received an F grade twice in their field courses would be required to withdraw from the program.

Recommendation

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the academic regulations noted below, École de travail social, Université de Saint-Boniface, effective September 1, 2022.

- **Progression Regulations**
- **Field Program Requirements**

Respectfully submitted,

Dr. Mark Torchia, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



March 3, 2022

Dear members of the Senate Committee for Instruction and Evaluation,

It is my pleasure to forward for your consideration a certain number of program modifications that have recently been proposed by the *École de travail social* and approved by our *Sénat*.

The first of these program modifications concerns changes to the conditions regulating student progression in the *Baccalauréat en travail social* (BTS) program. Please see the enclosed program modification form, the accompanying letter of support from your University's Faculty of Social Work, as well as the revisions, presented at the end of the attached document, that are proposed for sections 2.4, 3.6 and 3.8 of the BTS program requirements found in our undergraduate calendar.

The second of the program modifications serves to introduce measures that the *École* wishes to adopt with respect to practicum placements within the BTS program. Enclosed are the necessary program modification form, a further letter of support from your Faculty of Social Work, as well as the proposed revisions to section 3.3 of the BTS program requirements in our undergraduate calendar.

Please note that not all of the sections in the pages serving to present changes to the BTS program requirements are related to these two program modifications, as the same document also presents proposed changes to calendar content that are related to our recent submission to the Senate Committee on Course and Curriculum Changes.

Please do not hesitate to contact me if you have any questions.

Peter Dorrington, PhD
Vice-recteur à l'enseignement et à la recherche

Enclosures

cc : B. Pauget, doyen, Faculté d'éducation et des études professionnelles

Section D - Academic Calendar Content

2.4 VÉRIFICATION DU CASIER JUDICIAIRE ET REGISTRE CONCERNANT LES MAUVAIS TRAITEMENTS

[...] Dans le cas une étudiante ou un étudiant prend une pause du programme pour un an ou plus, ii devra aussi présenter avec sa demande de réintégration au programme les documents suivants : Vérification du dossier judiciaire, Vérification du registre concernant les mauvais traitements aux enfants et Vérification du registre concernant les mauvais traitements envers les adultes. [...]

3.3 Exigences de stages

[...] Les étudiantes et les étudiants inscrits au cours SWRK 3151 ou SWRK 4121 doivent se conformer à toutes les exigences et les politiques du lieu de stage y compris les politiques de vaccination avant de commencer le stage, au cas échéant.

Les étudiantes et les étudiants ont droit à un abandon sans mention d'échec du cours SWRK 3151 Pratique sur le terrain 1 et a un abandon sans mention d'échec du cours SWRK 4121 Pratique sur le terrain 2. L'étudiante ou l'étudiant qui abandonne SWRK 4121 doit également abandonner le cours concomitant SWRK 4303. L'étudiante ou l'étudiant qui a abandonné volontairement deux fois SWRK 3151 ou SWRK 4121 sans mention d' échec devra se retirer du programme.

L'étudiante ou l'étudiant qui se voit accorder une note de F « (échec) » deux fois dans ses stages devra se retirer du programme. Le règlement sur l'inaptitude professionnelle de l'École de travail social décrit les procédures lorsque le comportement d'une étudiante ou d'un étudiant est remis en cause.

L'étudiante ou l'étudiant qui ne satisfait pas a toutes les exigences liées aux stages peut se voir imposer une prolongation de la durée de son ou de ses stages ou devoir refaire le stage ou se retirer du programme.

Aucun transfert de crédits ne sera accordé pour SWRK 3151 ou SWRK 4121. L'École de travail social ne considèrera pas le transfert d'équivalence pour le cours SWRK 4303, qui est un cours concomitant a SWRK 4121. [...]

~~3.7~~ 3.5 PREALABLES, CONCOMITANTS ET DISPONIBILITE DES COURS

~~3.8~~ 3.6 NOTE MINIMALE DE PASSAGE ET SEUIL DE RENDEMENT

[...] L'obtention de trois {3} notes de F (échec) par l'étudiante ou l'étudiant entraine son exclusion du programme. [...]

3. 7 DEROULEMENT DES ETUDES

[...]

3.8 DURÉE MAXIMALE DES ÉTUDES

- L'étudiante ou l'étudiant a neuf (9) ans pour achever les 123 crédits du programme de baccalauréat en travail social, soit tous les cours de travail social et les cours obligatoires (75 crédits) et au choix dans d'autres facultés ou programmes (48 crédits), et ce, en maintenant une moyenne cumulative de 2,50 pour les 123 crédits. Tous les cours SWRK sont valables pendant neuf (9) ans à compter de la date à laquelle l'étudiante ou l'étudiant a terminé le cours, y compris les cours suivis avant l'admission.
- L'étudiante ou l'étudiant ayant un dossier scolaire satisfaisant qui prend une pause de ses études, pour une période de moins de deux années civiles, peut réintégrer le programme sans présenter une nouvelle demande d'admission si elle ou ii est en mesure de respecter le délai maximal de 9 ans à la reprise de ses études.
- L'étudiante ou l'étudiant ayant un dossier scolaire satisfaisant qui cherche à réintégrer le programme après une période de deux années civiles ou plus d'absence ou qui ne s'est pas inscrit dans une autre faculté ou programme pendant son absence, peut réintégrer le programme en soumettant une demande écrite à la direction de l'École de travail social si elle ou ii est en mesure de respecter le délai maximal de 9 ans à la reprise de ses études.
- L'étudiante ou l'étudiant souhaitant réintégrer l'École de travail social et qui a dépassé le délai maximal, ou qui s'est inscrit dans une autre faculté ou un autre programme, devra présenter une nouvelle demande d'admission à l'École de travail social selon les procédures normales.

Report of the Senate Committee on Rules and Procedures Regarding the Addition of Senate Assessors

Preamble

1. The terms of reference of the Senate Committee on Rules and Procedures (SCRP) are available on the University Governance website. The mandate of SCRCP is “to consider and recommend on any matter concerning rules and procedures”.
2. Since last reporting to Senate, the Committee met electronically from April 14-20 to review a request from the University Secretary regarding the addition of the Executive Lead (Equity, Diversity and Inclusion) as an assessor to Senate.

Observations

1. The addition of the Executive Lead (Equity, Diversity, and Inclusion) would be in keeping with similar roles such as Vice-Provosts and Associate Vice-Presidents who already serve as assessors to Senate.
2. The role’s mandate includes the questioning of systems and processes to eradicate systemic inequities and biases.
3. The addition of this role as assessor to Senate will provide Senate with additional resources to ensure that important conversations continue to be had and that changes to systems and processes are made at all levels.

Recommendation:

The Senate Committee on Rules and Procedures recommends:

THAT Senate approve the addition of the Executive Lead (Equity, Diversity and Inclusion) as an Assessor to Senate.

Respectfully submitted,

Dr. Jeffery Taylor, Chair
Senate Committee on Rules and Procedures

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



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vpri@umanitoba.ca

MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

FROM: Digvir Jayas, Vice-President (Research and International)
and Chair, Senate Committee on University Research

DATE: March 24, 2022

SUBJECT: Periodic Review of Research Centres and Institutes

Attached are the reports on the Manitoba Centre for Nursing and Health Research (MCNHR), the Centre for Human Rights Research (CHRR) and the Manitoba Multiple Sclerosis Research Centre (MMSRC) conducted by the Senate Committee on University Research (SCUR), according to the Policy on Research Centres, Institutes, and Groups.

Please include these reports and recommendation on the next Senate agenda. Please feel free to contact me should you require any further information.

Thank you.

THE SENATE COMMITTEE ON UNIVERSITY RESEARCH
REPORT ON THE REVIEW OF THE
Manitoba Centre for Nursing & Health Research (MCNHR)

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html

2. The Policy for *Research Centres, Institutes and Groups*, stipulates that all research centres/institutes be reviewed by the Senate Committee on University Research (SCUR) on a periodic basis but not less than once every 5 years. Accordingly and following the approval by Senate of this Policy, the Senate Committee on University Research established a schedule for the review of all research centres/institutes

3. For each research centre/institute identified for review, a sub-committee of the Senate Committee on University Research was established. In accordance with the Policy, the task of each sub-committee was to recommend to SCUR on whether a formal, independent review committee should be struck to conduct a full review. If a sub-committee was of the view that a full review of a specific research centre/institute was not warranted, it was further charged with recommending to SCUR on the continuance or termination of the research centre/institute.

Observations:

1. The review process followed that which is outlined in sections 2.6 to 2.13 of the Procedures, and involved a review of annual reports of each centre/institute as well as a report prepared by each research centre/institute director which (as per section 2.8 of the Procedures) contained:

- a) A description of how and why the centre/institute has achieved or revised its original objectives; a detailed listing of its research and training accomplishments; a current membership list; and a detailed financial statement;
- b) a five-year plan which identifies future research directions and development strategies;
- c) letters indicating continued support for the research/centre institute from appropriate department heads and faculty/school deans/directors; and
- d) the names of individuals who could provide external assessments of the research centre/institute.

2. The membership of this sub-committee was as follows:

Martin Scanlon, Faculty of Agricultural and Food Sciences (Chair)
Michelle Porter, Faculty of Kinesiology and Recreation Management, and Centre on Aging
Stephan Pflugmacher Lima, Faculty of Environment, Earth and Resources

3. The assessment of the sub-committee was as follows:

The general objectives of research centers/institutes as stipulated under the policy

For 35 years the MCNHR as a research centre has been providing the key infrastructure and leadership for nursing research within the College of Nursing. It is recognised across the province. As stated in the UM policy on research centres, facilities and research groups should be shared to promote the exchange of ideas and provide a collaborative research environment stimulating multidisciplinary research and development. *To some extent MCNHR is acting similar to a funding agency in a positive way. In the case of MCNHR the focus is on collaborative nursing and health research, highly valuable for faculty and students.* Leadership on new initiatives and programs was shown, e.g., establishing an open access publishing fund, or a meeting series bringing instructors and research faculty together in order to find synergies. MCNHR showed an increase in research activities in the past and is vital for the research enterprise within the College of Nursing. Internally a mentor system was built to support new hires. *A question arising from the close relationship with the College of Nursing was, to what extent are the activities of the Centre distinct from those of the College?*

Its specific objectives, as indicated on its establishment

The specific objectives are grouped into 6 major goals for the Centre, which is the expectation of centres in the UM. Innovative research and strong programs of research, research and knowledge translation in nursing education and practice, fostering of partnership and interdisciplinary collaborations, capacity building in research, experimental learning possibilities and student engagement, promotion and enhancement of visibility of research and scholarly activities. *To some extent the goals 2 and 4 seems to be nearly the same, dealing with knowledge translation. Many goals also seem to group around information and communication of results, grants, or achievements.*

Beside those goals one aim was obviously to break down silos between ranks to give space for potential synergies. Other internal processes like support for onboarding staff are being implemented. Besides these internal structuring, there is still a high level of research productivity and a will for seeking external funding, which seems to benefit positively from the internal structures.

Highlight past research training and funding of the centre

Significant research output associated with personnel affiliated to the MCNHR has been achieved, with an excess of 400 papers/articles published since 2015. Support for the Centre, through the activities of member researchers in the College of Nursing, has been accomplished through 148 research grants/salary awards in the period of review, amounting to a total of \$10,104,518 in new research funding. MCNHR's Annual Research Grant Competition has been a good source of seed money for small projects for MCNHR members (including graduate student members), with \$273,500 awarded over the last five years. *It would have been beneficial for the Report to note how successful these fund disbursements have been as seed money sources for obtaining new large-scale grants or tri-Council support for projects built upon these seed funds.*

The MCNHR supported the training of 124 graduate students (Master's and PhD) in the College of Nursing, the Applied Health Sciences PhD program, and Interdisciplinary PhD programs. This number of trainees represents about a 10% increase in graduate students trained since the last review. The MCNHR instituted a 15-week long Summer Internship Program that continues to support 4-5 undergraduate and graduate summer research internships. The Report notes how this program supports upskilling in scientific inquiry methods through dedicated research mentor-intern opportunities. Participation in this internship is also included on the student's co-curricular record, thereby affirming student research competencies. In addition, MCNHR

established a Summer Research Training Institute (SRTI) with the Faculty of Kinesiology and Recreation Management to provide introductory research skills and knowledge for students, research assistants (undergraduate and graduate), research staff, and faculty members in a series of workshops. SRTI has since been expanded to include student research assistants and graduate students in the Faculty of Education and the Centre on Aging. Opportunities for graduate students affiliated with the MCNHR to showcase their research has been enhanced through MCNHR's Graduate Student Research Poster Competition and through support from two funds dedicated to graduate student conference travel. *It is evident that a commitment to, and support for, graduate student training is a strong feature of the activities of the MCNHR. Indeed, a number of letters of support attest to the "incredible value" that the MCNHR's professional development programs have contributed to shaping the careers of graduate students.*

Discuss the appropriateness of its proposed five-year plan for future research directions and development strategies

Future direction for MCNHR is planned through eight goals, six of them continuing from the previous review period, and two new goals that are aligned with the University's Interim Strategic Plan. Of the existing 6 goals, 3 are research-oriented, 2 are research and knowledge translation focused, and 1 is oriented to research training. Of the two new goals, one seeks to integrate Indigenous perspectives in research and knowledge translation and the other to integrate principles of equity, diversity, and inclusion in research and knowledge translation. *The goals are appropriate given the accomplishments of the MCNHR in the past five years and the University's strategic plan, but the Report would have benefitted from a fuller articulation of strategies to generate more extensive collaboration within the University and with external stakeholders. It would also have been beneficial for the Report to have defined potential outcomes for the goals so that they could function as milestones for the supporting actions. As an example, for Goal 6, how will the leaders in MCNHR define success for the action of "enhance(ment of) the communication of research"?*

Its current and projected financial viability

Monetary Resources

It is stated that the Centre is funded by the College Operating Budget. In addition, it is also stated that the Centre received \$205,890 from the Federal Research Support Fund between 2015/16 to 2019/20. Some revenue (\$284,952) has been generated by providing fee-for-service research support. It appears that research grants of those affiliated with the Centre would be used to pay for human resources related to research projects (e.g., statistical consulting, coordination, data collection efforts with research assistants).

For the last year of reporting (up to March 31, 2020), the expenses of the Centre were \$376,115, covered by Operating (\$289,695), Federal Research Support Fund (\$45,990) and income (\$40,430). These costs were relatively similar for each year of the reporting, accounting for salary increases, etc. The bulk of the expenses are for staff (\$326,787 in 2019-20). It was also mentioned that \$15,000 each year is used to support two research grant applications. The funding for these grant applications comes from a Centre endowment fund. Since 2012, the MCNHR has received contract research funding (\$723,200) for the annual Provincial Survey of Nursing Graduates from all nursing programs in the province. *It is not clear where this funding is shown in the budget as this is much more than the income reported in the Income line.*

Physical resources

The Centre has ample physical resources to support researchers. The MCNHR is in the Helen Glass Centre. It consists of 1,448 square feet of space and features five research offices. Research activities of the MCNHR are supported by two open concept office spaces, with 10 computer work stations. The MCNHR also has a resource library on qualitative and quantitative methods, knowledge translation and systematic reviews.

Human Resources

The ADR for the College of Nursing provides leadership for the Centre.

A Senior Research Manager is joined by other staff (development officer, research coordinator, statistical consultant, office assistant (event planning and communication)). It appears that the above staff also have other roles in the College. Part-time research assistants are also hired to provide support to faculty.

Future viability

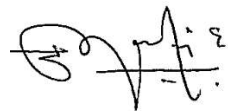
While the Dean of the College does not explicitly state that the Centre will continue to receive the Operating funds it has, as well as at least part of Nursing's Federal Research Fund monies, the Dean is very strongly endorsing the continuation of the Centre as a critical part of the College. She states: "The work of the MCNHR is, and remains instrumental in helping the CON achieve its strategic priority of advance innovation and collaboration in research and scholarship. It is my contention that the MCNHR is a critical research infrastructure and support entity."

Overall, it appears that the Centre is well resourced.

Recommendation:

THAT the Manitoba Centre for Nursing & Health Research (MCNHR), be renewed for a term of 5 years, from May 18, 2022 through May 16, 2027.

Respectfully submitted,



**Dr. Digvir Jayas, Chair
Senate Committee on University Research**

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.

THE SENATE COMMITTEE ON UNIVERSITY RESEARCH
REPORT ON THE REVIEW OF THE
Centre for Human Rights Research (CHRR)

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html
2. The Policy for *Research Centres, Institutes and Groups*, stipulates that all research centres/institutes be reviewed by the Senate Committee on University Research (SCUR) on a periodic basis but not less than once every 5 years. Accordingly and following the approval by Senate of this Policy, the Senate Committee on University Research established a schedule for the review of all research centres/institutes.
3. For each research centre/institute identified for review, a sub-committee of the Senate Committee on University Research was established. In accordance with the Policy, the task of each sub-committee was to recommend to SCUR on whether a formal, independent review committee should be struck to conduct a full review. If a sub-committee was of the view that a full review of a specific research centre/institute was not warranted, it was further charged with recommending to SCUR on the continuance or termination of the research centre/institute.

Observations:

1. The review process followed that which is outlined in sections 2.6 to 2.13 of the Procedures, and involved a review of annual reports of each centre/institute as well as a report prepared by each research centre/institute director which (as per section 2.8 of the Procedures) contained:
 - a) A description of how and why the centre/institute has achieved or revised its original objectives; a detailed listing of its research and training accomplishments; a current membership list; and a detailed financial statement;
 - b) a five-year plan which identifies future research directions and development strategies;
 - c) letters indicating continued support for the research/centre institute from appropriate department heads and faculty/school deans/directors; and
 - d) the names of individuals who could provide external assessments of the research centre/institute.
2. The membership of this sub-committee was as follows:

Josée Lavoie, Rady Faculty of Health Sciences (Chair)
Warren Cariou, Faculty of Arts
Kelley Main, Faculty of Graduate Studies

3. The assessment of the sub-committee was as follows:

We reviewed the activities of the Centre in light of its stated **mission and objectives**. CHRR's **mission** is to bring together people and organizations – both within and outside the University of Manitoba – to:

- enhance interdisciplinary and collaborative research capacity,
- create richer training opportunities for students, and
- facilitate the fusion of research-driven knowledge, public policy and intellectual debate on issues related to human rights and social justice.

CHRR's **objectives** include:

1. Enhance interdisciplinary and collaborative research capacity in focus areas: history and commemoration of human rights; right to food and water; Indigenous peoples and human rights; and sexual and reproductive rights.
2. Facilitate research-driven public debate on contemporary human rights issues.
3. Create human rights research training opportunities for students.

To enhance interdisciplinary and collaborative research capacity, CHRR has focused on encouraging research that has pragmatic benefits to community partners. Examples include webinars, book launches, workshops, research roundtables, networking meetings, the development of an online platform, to engage trainees, Faculty members and community partners engage along specific themes. CHRR reports that affiliates have published 21 books, 30 book chapters, 13 academic papers, 29 newspaper columns, and made 13 contribution to government reports. CHRR also distributed 7 small grants (\$29,920). We clarified with CHRR's Director that the funds and student mentee's listed are tied directly to the CHRR. The publications are those of the CHRR Director, Manager, and all of the Research Affiliates.

To facilitate research-driven public debates on contemporary human rights issues, the Centre has focused primarily on the use of social media and on keep its website up to date.

To create human rights research training opportunities for students, CHRR has provided research and/or knowledge translation training for the following student positions either directly through paid positions/internships, volunteering opportunities (unpaid) or through working with small grant recipients: 3 postdoctoral fellows (through the H2O program); 18 positions offered to PhD students from various faculties; 34 positions to Master's students from various faculties including human rights, arts, science, agriculture and engineering; 65 positions to Law students; and 17 positions to undergraduate students in arts, science and environment.

We note that CHRR has affiliates from a diverse range of University Faculties and Departments. We also note the partnerships with Ma Mawi Wi Chi Ita, the Assembly of Manitoba Chiefs, Manitoba Keewatinowi Okimakanak, Manitoba Advocate for Children and Youth, the Canadian Museum for Human Rights, and the National Centre for Truth and Reconciliation.

We note the invaluable role CHRR played in the creation of the Masters in Human Rights, and plans for the creation of a PhD as well.

It is our overall assessment that the CHRR has fulfilled its objectives.

We reviewed the **CHRR's Five-year Plan** (pp. 14-15). It is not clear how research projects led by researchers with affiliation to CHRR relate to the Centre's Five-Year plan: research is done by researchers, not by a Centre. CHRR's own priorities could instead focus on expanding its themes for seminars and workshops, exploring better knowledge translation and dissemination opportunities, expanding opportunities for student engagement, etc. We understand that the Centre wants to remain nimble and responsive, and might be reluctant to setting up a Five-Year

workplan. Still, it seems as if the Centre's identity is being conflated with that of its members. The Centre needs its own workplan.

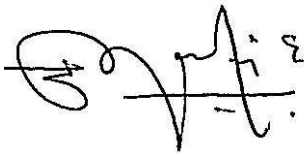
Sustainability: The documentation provided discusses budget cuts, but this is evident only for 2020-21 (\$10,000). Delays in decision-making by central administration regarding the budget carry over undermines the planning of activities and the operations of the Centre.

We noted that the endowment fund has had limited success and cannot be relied on for sustainability. As with all Faculties and Research Centres across the University, CHRR cannot communicate directly with donors. Their draw on donors is limited to a link on CHRR's webpage that invites visitors to donate to its endowment fund. This link has not generated any meaningful communication or commitments.

Recommendation:

THAT the Centre for Human Rights Research (CHRR), be renewed for a term of 5 years, from May 18, 2022 through May 16, 2027.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Digvir Jayas', written over a horizontal line.

Dr. Digvir Jayas, Chair
Senate Committee on University Research

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



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of Manitoba**

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MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

FROM: Digvir Jayas, Vice-President (Research and International)
and Chair, Senate Committee on University Research

DATE: April 8, 2022

SUBJECT: Proposal for a Professorship in Anesthesiology and a Chair in Sustainable Protein

Attached are the reports to establish a Professorship in Anesthesiology and a Chair in Sustainable Protein conducted by the Senate Committee on University Research (SCUR), according to the Policy for Chairs and Professorships.

Please include these reports and recommendation on the next Senate agenda. Please feel free to contact me should you require any further information.

Thank you.

April 6, 2022

Report of the Senate Committee on University Research Re: Proposal to Establish a Professorship in Anesthesiology

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_University_Research_Terms_of_Reference.pdf

2. At its meeting on March 17, 2022, SCUR received for review, a proposal to establish a Professorship in Anesthesiology.

3. The University of Manitoba Policy for Chairs and Professorships specifies (section 2.14) “In the case of proposals for Chairs and Professorships that are primarily intended to enhance the University’s research programs, the Senate Committee on University Research shall recommend to Senate.”

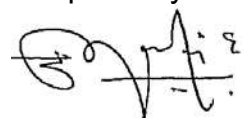
Observations:

1. The Max Rady College of Medicine, Rady Faculty of Health Sciences has proposed a Professorship in Anesthesiology.
2. The purpose of the Professorship is to provide research, scholarship, innovation, leadership and mentorship in support of knowledge creation.
3. The Chair will be funded through an endowment from Dr. William D. B. Pope and Dr. Elizabeth Tippet Pope. The current balance of the fund is just over \$1,010,000.

Recommendation:

**The Senate Committee on University Research recommends THAT:
the Professorship in Anesthesiology be approved by Senate.**

Respectfully submitted,



Digvir Jayas, Chair
Senate Committee on University Research

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



University
of Manitoba

Office of the Provost and Vice-President (Academic)

208 Administration Building
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Fax (204) 275-1160

Date: March 8, 2022

To: Digvir Jayas, Vice-President (Research and International)

From: Diane Hiebert-Murphy, Provost and Vice-President (Academic)

Re: Proposal to Create a Professorship in Anesthesiology

On behalf of the Max Rady College of Medicine, Rady Faculty of Health Sciences, Dr. Brian Postl has submitted a proposal to create a Professorship in Anesthesiology. This Professorship aligns with the priorities of the College, the Faculty, and the University and will support research in the areas of anesthesiology, and perioperative and pain medicine.

The policy on Chairs and Professorships specifies that:

- (1) Professorships are established to advance the University's academic goals and objectives;
- (2) Professorships be funded by way of an endowment or through annual expendable gifts for at least five years, or by a combination of endowment and annual expendable gifts;
- (3) Professorships shall normally be attached to a department, faculty, school, college, centre or institute and the goals of the Professorship shall be consistent with that unit;
- (4) The establishment of a Professorship normally shall not be tied to the appointment of a particular person;
- (5) Individuals appointed to the Professorship shall normally have the academic qualifications commensurate with an appointment at the rank of Assistant Professor, Associate Professor, or Professor; and
- (6) The initial term of the appointment of the Professorship shall be 3 to 5 years, and if renewal is permitted, such renewal shall be subject to a successful performance review and the availability of funds.

The proposed Professorship satisfies the above requirements. Funding will be derived from an endowment from Dr. William D. B. Pope and Dr. Elizabeth Tippet Pope. The current balance of the fund is just over \$1,010,000.

I support this proposal from the Rady Faculty of Health Sciences and request that you present it to the Senate Committee on University Research for consideration and recommendation to Senate and, in turn, the Board of Governors.

If you have any questions or concerns, I would be pleased to meet with you.



January 26, 2022

Dr. Diane Hiebert-Murphy
Provost and Vice-President (Academic)
210 Administration Building
University of Manitoba
Winnipeg, MB R3T 2N2

Dear Dr. Hiebert-Murphy,

RE: Establishment of a Professorship in Anesthesiology

The Max Rady College of Medicine would like to establish a Professorship in Anesthesiology. The purpose of the endowed Professorship in Anesthesiology will be to provide research, scholarship, innovation, leadership and mentorship in support of knowledge creation.

The Professorship has been funded by an endowment fund created through extremely generous contributions by distinguished longtime Department, Faculty member and alumnus, Dr. William D. B. Pope and his wife Dr. Elizabeth Tippet Pope and the Faculty, Department of Anesthesiology, Perioperative and Pain Medicine. The endowment fund has a current balance of \$1,010,110.48.

The Max Rady College of Medicine Executive Council met and approved this Professorship on January 18, 2022.

Enclosed are the Terms of Reference for your approval. I support this proposal enthusiastically and without reservation. I look forward to your response in due course. Please let me know if you require any additional information.

Sincerely,

P. Nickerson for Dean Postl

Brian Postl, CM, OM, MD, FRCP(C), FCAHS
Dean, Max Rady College of Medicine
Dean and Vice-Provost, Rady Faculty of Health Sciences

Attachment

Copy: Dr. Chris Christodoulou, Head, Anesthesia

**PROPOSAL TO ESTABLISH A
PROFESSORSHIP IN ANESTHESIOLOGY
AT THE
UNIVERSITY OF MANITOBA**

EXECUTIVE SUMMARY:

In accordance with the procedures and mechanisms for establishing Chairs and Professorships at the University of Manitoba, the Department of Anesthesiology, Perioperative and Pain Medicine, Max Rady College of Medicine requests approval for the establishment of a Professorship in Anesthesiology.

TYPE OF APPOINTMENT:

Professorship

AREA OF PROFESSORSHIP:

Anesthesiology, Perioperative and Pain Medicine

PURPOSE AND OBJECTIVES OF THE PROFESSORSHIP:

The purpose of the endowed Professorship in Anesthesiology will be to provide research, scholarship, innovation, leadership and mentorship in support of knowledge creation. The benefits of the establishment of this professorship within the Department of Anesthesiology, Perioperative and Pain Medicine are as follows:

- The promotion of educational, clinical, translational, basic and epidemiologic research in Anesthesiology subject areas with preference for Educational innovation and collaboration in the following key areas:
 - Competence by design (CBD) Anesthesia curriculum development, implementation and evaluation in alignment with the national curriculum for Anesthesiology residency training programs of the Royal College of Physicians and Surgeons of Canada.
 - Simulation based learning with a focus on core knowledge and skills required for the safe conduct of Anesthesia.
 - Online and technology assisted learning.
 - Anesthesiology-centric continuing professional development educational initiatives and activities that can be leveraged for specialist, family practice Anesthesia and alternate providers at the local, national and/or international level.
 - Identify and support future educational needs for practising Anesthesiologists. This would naturally include but not be limited to new anesthesia, surgery and perioperative medicine subject areas.
- The ultimate goal is the recruitment and retention of a clinician educator scientist with an interest in developing a collaborative research program within the Department and with external stakeholders in the Max Rady College of Medicine and other local, national and international research organizations.
- Foster a team science approach to building and sustaining a Departmental research program.
- Enhanced grant funding competitiveness at the local and national levels.
- Support the supervision and mentorship of learners (students, residents, Fellows) interested in pursuing research activities within the department.
- Research knowledge translation to improve and enhance the care of patients in Manitoba, Canada and potentially globally.

RELATIONSHIP AND PROPOSING UNIT:

The Department of Anesthesiology, Perioperative and Pain Medicine, in the Max Rady College of Medicine is well positioned to support and foster research both locally and nationally. The development of an Anesthesia Research Office, Anesthesia Oversight and Advisory Committee coupled with robust internal grant systems for Faculty well over a decade ago has resulted in a very significant increase in research and academic productivity. The financial support provided by the Faculty of the Department has been instrumental in fostering and supporting the academic mission. The global knowledge creation mission in the Department has led to a substantial number of excellent publications in national and international Anesthesiology and related field journals.

Faculty members have been able to leverage lessons learned from the submission of internal grant applications with associated peer review to enable success at local and national granting agency competitions (Canadian Anesthesiologists Society Research Awards). Faculty members are part of highly successful collaborative grant awards from the Canadian Institutes of Health Research.

METHOD BY WHICH THE PROFESSORSHIP WILL BE FUNDED:

The Professorship has been funded by an endowment fund created through extremely generous contributions by distinguished longtime Department, Faculty member and alumnus, Dr. William D. B. Pope and his wife Dr. Elizabeth Tippet Pope and the Faculty, Department of Anesthesiology, Perioperative and Pain Medicine. The endowment fund has a current balance of \$1,010,110.48. The Professorship in Anesthesiology will provide salary support for research/scholarly time equivalent to a 0.2 FTE (range of \$30,000 to \$40,000.00 per annum). The determination of the amount to be paid will be made by the Head, Department of Anesthesiology, Perioperative and Pain Medicine. The appointee will also have the ability to compete for research grants managed by the Department of Anesthesiology, Perioperative and Pain Medicine Oversight and Advisory Committee.

GENERAL AND SPECIFIC ACADEMIC REQUIREMENTS FOR THE PROFESSORSHIP:

In accordance with the Procedures and Mechanisms for establishing Chairs and Professorships at the University of Manitoba, individuals appointed to the “Professorship in Anesthesiology” shall have the following:

- Canadian Citizen or permanent resident;
- M.D. (Royal College certified in Anesthesiology);
- Holding a current academic appointment at the rank of Assistant Professor, Associate Professor or Professor;
- Hold a full-time academic appointment in the Department of Anesthesiology, Perioperative and Pain Medicine, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba;
- History of excellence in research as evidenced in high quality research output, successful and promising research projects and programs, and significant contributions to the academic and clinical community at the local, national and/or international level;
- History of mentoring students, junior colleagues and investigators;
- History of effective and productive collaboration with intramural and extramural investigators and institutions.

SELECTION OF CANDIDATE:

- The selection and appointment of an individual to the proposed Professorship shall be conducted in accordance with the University Policy and Procedures on Chairs and Professorships.
- The professorship award recipient will be selected by a committee comprising the following members of the Department of Anesthesiology, Perioperative and Pain Medicine:
 - Head of Department (Chair)
 - Vice-Dean Research or delegate, Rady Faculty of Health Sciences
 - Associate Head, Research and Academics
 - Associate Head, Education
 - Three Members-at-large (2 - Department Oversight and Advisory Committee, 1 - Faculty)
 - External member of the Max Rady College of Medicine (at the Discretion of the Chair).

TERM OF THE APPOINTMENT:

The initial term of the appointment will be for 5 years and renewable based on performance.

- The incumbent will acknowledge that she or he holds the Professorship in Anesthesiology in the Department of Anesthesiology, Perioperative and Pain Medicine at the University of Manitoba in all publications, lectures, and any other activity supported by the fund.
- Annual reporting requirements shall also be in accordance with the University Policy on Chairs and Professorships. In addition to the reporting requirements stipulated in this policy, the incumbent shall provide an annual report of research and teaching activities to the Head of the Department of Anesthesiology, Perioperative and Pain Medicine, Associate Head - Research and Academics, Associate Head - Education in the Department and the Dean of the Max Rady College of Medicine, Rady Faculty of Health Sciences. In turn, the Dean shall provide a copy of the said report to individuals who have specifically requested this information, or it may be used for reporting to donors in university communications.
- The appointee in collaboration with the Associate Head, Research and Academics and/or delegate will provide an annual written report to the donor on the year's activities, and offer an annual opportunity for a face-to-face meeting to discuss their research activities.
- The appointee to the Professorship will participate in an annual research performance review that will include the Associate Head, Education and the Associate Head, Research and Academics and the Head, Department of Anesthesiology, Perioperative and Pain Medicine.
- The incumbent will also provide an annual written progress report to the Department of Anesthesiology, Perioperative and Pain Medicine Oversight and Advisory Committee. The appointee will be expected to provide updates to Faculty regarding research activities using Grand Rounds or Research-In-Progress presentation formats.
- The renewal of the appointment for an additional term will be subject to a successful review of the incumbent's performance by the Associate Head, Research and Academics, Associate Head – Education and the Head of the Department of Anesthesiology, Perioperative and Pain Medicine with feedback from the Department of Anesthesiology, Perioperative and Pain Medicine Oversight and Advisory Committee.

A successful performance review will provide evidence of the following:

Program of Research, Scholarly Work and Creative Activities:

The Professorship holder is developing or has an established program either individually and/or as a team. There is evidence of leadership.

Knowledge Generation and Communication:

Publications:

- There is evidence of sustained dissemination of new knowledge that is directed towards the academic and/or healthcare community.
- Presentations – There is evidence of communication of research findings to the academic, professional, or stakeholder community on a regular basis.

Funding:

- Operating – There is evidence that the Professorship holder plays a leading role in successful applications to competitive funding organizations individually or as a member of a team.
- Student Funding – The Professorship holder is expected to assist research trainees under their supervision with funding applications.

Student Supervision:

The Professorship holder is expected to be involved in the supervision of research trainees.

Other Provisions:

- The duties and responsibilities of the individual appointed to the proposed Professorship will be in accordance with the University Policy and Procedures on Chairs and Professorships.
- The incumbent will participate in an appropriate amount of teaching activity, including undergraduate students, residents, fellows and graduate students, where appropriate.

April 6, 2022

Report of the Senate Committee on University Research Re: Proposal to Establish a Chair in Sustainable Protein

Preamble:

1. The terms of reference for the Senate Committee on University Research (SCUR) can be found at:

https://umanitoba.ca/governance/sites/governance/files/2021-09/Senate_Committee_on_University_Research_Terms_of_Reference.pdf

2. At its meeting on March 17, 2022, SCUR received for review, a proposal to establish the Chair in Sustainable Protein.

3. The University of Manitoba Policy for Chairs and Professorships specifies (section 2.14) “In the case of proposals for Chairs and Professorships that are primarily intended to enhance the University’s research programs, the Senate Committee on University Research shall recommend to Senate.”

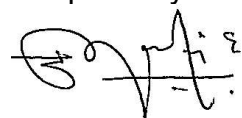
Observations:

1. The Faculty of Agricultural & Food Sciences has proposed a Chair in Sustainable Protein.
2. The focus of the Chair is to be a leader who delivers excellence in scholarship, innovation and knowledge translation in the area of sustainable protein.
3. The Chair will be funded from a \$1,500,000 investment by Manitoba Agriculture.

Recommendation:

The Senate Committee on University Research recommends THAT: the Chair in Sustainable Protein be approved by Senate.

Respectfully submitted,



Digvir Jayas, Chair
Senate Committee on University Research

Comments of the Senate Executive Committee:
The Senate Executive Committee Endorses the Report to Senate.



**University
of Manitoba**

Office of the Provost and Vice-President (Academic)

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Date: March 15, 2022
To: Dr. Digvir Jayas, Vice-President (Research and International)
From: Dr. Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Re: Proposal for a Chair in Sustainable Protein

On behalf of the Faculty of Agricultural & Food Sciences, Dr. Martin Scanlon has submitted a proposal to establish a Chair in Sustainable Protein.

The policy on Chairs and Professorships specifies that:

- (1) Chairs are established to advance the University's academic goals and objectives;
- (2) Chairs be funded by way of an endowment or through annual expendable gifts for at least five years, or by a combination of endowment and annual expendable gifts;
- (3) Chairs shall normally be attached to a department, faculty, school, college, centre or institute and the goals of the Chair shall be consistent with that unit;
- (4) The establishment of a Chair normally shall not be tied to the appointment of a particular person;
- (5) Individuals appointed to the Chair shall normally have the academic qualifications commensurate with an appointment at the rank of Assistant Professor, Associate Professor, or Professor; and
- (6) The initial term of the appointment of the chair shall be 3 to 5 years, and if renewal is permitted, such renewal shall be subject to a successful performance review and the availability of funds.

The purposed Chair satisfies the above requirements. Funding will be derived from a \$1,500,000 investment by Manitoba Agriculture.

I support this proposal from the Faculty of Agricultural & Food Sciences and request that you present it to the Senate Committee on University Research for consideration and recommendation to Senate and, in turn, the Board of Governors.

If you have any questions or concerns, I would be pleased to meet with you.

PROPOSAL TO ESTABLISH THE MANITOBA STRATEGIC RESEARCH CHAIR IN SUSTAINABLE PROTEIN AT THE UNIVERSITY OF MANITOBA

EXECUTIVE SUMMARY

Consistent with the University of Manitoba Chairs and Professorships Policy/Chairs and Professorships Procedure (effective: Jan 27, 2009; revised: November 25, 2014), the Faculty of Agricultural and Food Sciences is presenting this proposal to seek approval for the establishment of the Manitoba Strategic Research Chair in Sustainable Protein. The Manitoba Strategic Research Chair in Sustainable Protein will be appointed in the Department of Food and Human Nutritional Sciences for a duration of six years with their annual time allocation consisting of research (55%), community engagement (25%), and teaching (20%).

TYPE OF APPOINTMENT: Chair

NAME OF THE CHAIR: The Manitoba Strategic Research Chair in Sustainable Protein

PURPOSE AND OBJECTIVES OF THE CHAIR

The Manitoba Strategic Research Chair in Sustainable Protein will be a leader who delivers excellence in scholarship, innovation and knowledge translation in the area of sustainable protein. The Chair will allow the Department of Food and Human Nutritional Sciences and the Faculty of Agricultural and Food Sciences to:

- Lead and facilitate original research in sustainable protein innovation in alignment with the Manitoba Protein Advantage Strategy under four main themes:
 - Climate resiliency of protein food systems
 - Novel protein product development and processing
 - Digital agricultural and food systems
 - Management and utilization of waste, water, by-products and co-products
- Strengthen collaboration within Manitoba's robust protein research ecosystem and guide programming to advance the Manitoba Protein Research Strategy.
- Foster synergies between industry, academia, government and non-profits through networking opportunities and digital tools through the development of a Sustainable Protein Research Network.
- Collaborate with global experts and institutions to advance common strategic priorities in sustainable protein research and innovation.

RELATIONSHIP OF THE GOALS OF THE CHAIR TO THOSE OF THE PROPOSING UNIT

The Chair will hold a Professor Rank in the Department of Food and Human Nutritional Sciences, Faculty of Agricultural and Food Sciences (FAFS). FAFS is investing heavily in research and development of new foods, with a particular interest in protein. Manitoba is one of the largest

producers of pulses and oilseeds in Canada, however most of these protein-rich crops are exported for bulk commodity prices without undergoing any value-added processing within Canada. Accordingly, the Canadian government committed \$153 million in 2019 to accelerate protein innovation through the Protein Industries Canada Supercluster, with industry supplying matching funds. The University of Manitoba is a key participant in this Supercluster, which in conjunction with the US-Canada Protein Highway Initiative, aims to increase Canadian and North American protein production to meet expanding global protein ingredient demand. Major federal and provincial investments made in FAFS research and training initiatives in areas related to food protein innovations include: (i) three new Canada Research Chairs that complement the proposed Chair (*Tier 1 CRC in Grain-Based Functional Foods*, *Tier 1 CRC in Bioactive Peptides*, and *Tier 2 CRC in Food Protein Processing and Bioproducts*), (ii) the NSERC CREATE funded *Canadian Agri-food Protein Training, Utilization, and Research Enhancement* (CAPTURE) training program (co-led with University of Saskatchewan) that combines technical scientific coursework with professional opportunities to ensure graduates are prepared to enter the growing plant protein market, and (iii) \$100,000 to lead the Manitoba Protein Research Strategy, which recently provided (March 2022) a comprehensive research plan that forms the blueprint for the province's ultimate success in this burgeoning market segment. FAFS faculty collaborate closely with protein industry stakeholders at the Richardson Centre for Food Technology and Research (formerly RCFFN) and the Canadian Centre for Agri-Food Research in Health & Medicine (CCARM).

The Research Chair in Sustainable Protein will ensure the University remains a leader in food and nutrition research, supporting each of the four priorities identified in the Faculty's 2016-2021 Strategic Research Plan: Safe, Nutritious and Healthy Food; Sustainable Crop and Livestock Production Systems; Sustainable and Healthy Bioproducts and Biomaterials; and Land and Water Resources Management. The Faculty's new research plan (2022-2027) will include an even greater focus on food innovation and sustainable protein production. The Faculty is actively working with Manitoba Agriculture to highlight our protein research efforts by launching a protein research website and dedicating a significant portion of a provincial enabling grant to foster knowledge translation activities specific to the priority area of *Sustainable Plant and Animal Protein*. FAFS recently founded the MAKE – Manitoba Agriculture and Food Knowledge Exchange – knowledge translation platform at www.MAKEmanitoba.ca to share how FAFS research is shaping agriculture and food production, through content in lay and social media formats with producers and consumers. It is expected that the Chair will play a significant role in knowledge exchange through such initiatives, in particular, as it applies to sustainable protein innovation.

METHOD BY WHICH THE CHAIR WILL BE FUNDED

The Chair will be created from a \$1,500,000 investment by Manitoba Agriculture to establish a research chair to advance the Manitoba Protein Advantage strategy and bridge the gap between Manitoba's research and protein processing sectors. In each of the six years that this investment will support the Chair, the annual commitment of \$250,000 will be used to cover research expenses, such as salary and benefits of a Research Associate, post-doctoral and student stipends, materials and supplies, organization of an annual symposium, travel and conference sponsorships. The Chair will be expected to leverage at least a portion of the Manitoba Agriculture investment by

seeking additional or matching support through national funding programs (i.e. NSERC Alliance, Mitacs) and from industry stakeholders.

GENERAL AND SPECIFIC REQUIRED ACADEMIC QUALIFICATIONS FOR CHAIR CANDIDATES

The Manitoba Strategic Research Chair in Sustainable Protein shall have the following preferred qualifications:

- Academic qualifications commensurate with an appointment at the rank of Professor.
- A proven track record to lead an externally-funded research program in plant and animal protein innovation with a strong knowledge-translation component.
- A proven track record of protein industry consultation and engagement.
- An ability to train highly qualified personnel, undergraduate and graduate students on subject matters related to sustainable protein research and innovation.
- An Ally of Equity, Diversity and Inclusion (EDI) as it applies to high quality research output, student training and collegiality.
- A PhD in food science, nutritional sciences, or related fields.

TERM OF THE APPOINTMENT

The Manitoba Strategic Research Chair in Sustainable Protein will be conferred for a six-year term with required annual reporting to Manitoba Agriculture. If the Chair position is vacated before the six-year term is complete, the position will be refilled. Upon completion of the term, the sponsors will be consulted to assess potential support for an additional term. If appointment renewal is supported, the Department head will be responsible for initiating and coordinating a timely reappointment review process.

An internal search will be conducted to appoint the Manitoba Strategic Research Chair in Sustainable Protein. The proposed selection committee shall include:

- Chair and non-voting member: Associate Dean Research, Faculty of Agricultural and Food Sciences (appointed by the Dean)
- voting members:
 - One (1) Head, Department of Food and Human Nutritional Sciences appointed by the Dean
 - Three faculty members (selected from a list of five (5) faculty members nominated by the Food and Human Nutritional Departmental Council, and appointed by the Dean)*
 - One (1) graduate student nominated by the Department of Food and Human Nutritional Sciences Department Council

**The UM-UMFA Collective Agreement article 18.B.2.2.6 stipulates that: “There shall be at least two (2) persons of each gender on the committee wherever possible although there shall always be at least one (1) person of each gender, exclusive of any student participation.” We will adhere to this article that refers “each gender” to mean a man or woman; however, there are other gender identities that are not stipulated.*

The Chair’s program shall be reviewed and its strategic direction be approved annually by a proposed Advisory Committee consisting of the Faculty’s Associate Dean Research,

representatives from the Department of Food and Human Nutritional Sciences, and a representative from Manitoba Agriculture. Both quantitative and qualitative measurements will be used in evaluating the activities of the Chair's program on an annual basis, for example: the number and impact of research publications and extension activities and communications; the extent to which protein industry stakeholders directly or indirectly interacted with the Chair program, and their satisfaction in this interaction; the extent to which Chair activities fostered synergies between industry, academia, government, and non-profits through the Sustainable Protein Research Network; the number and diversity of students trained under the Chair, and their employment and career progress following graduation; the value of new research grants and contracts obtained by the Chair as a lead, co-applicant or collaborator; the extent to which the Chair has integrated EDI practices in their program.

Upon completion of Manitoba Agriculture's investment, the Faculty of Agricultural and Food Sciences will continue to fund the salary and benefits associated with the position, without the position being classified as a Chair.

OTHER PROVISIONS UNIQUE TO THE CHAIR

- 1) The selection and appointment of an individual to the proposed Chair, and the duties and responsibilities of the Chair, will be in accordance with the University Policy and Procedure on Chairs and Professorships.
- 2) In accordance with University Policy, the annual performance of the appointed Chair will also be reviewed by the Department Head of Food and Human Nutritional Sciences in a similar manner as for other faculty members, but with the distribution of work duties being research (55%), community engagement (25%), and teaching (20%).
- 3) The Chair will acknowledge in research publications and communications that they hold the Manitoba Strategic Research Chair in Sustainable Protein.
- 4) During the first year of the appointment, the Chair will give a public lecture, which will be coordinated by the Department Head of Food and Human Nutritional Sciences.