

BOARD OF GOVERNORS

Tuesday, January 25, 2022

4:00 p.m.

The material contained in this document is the agenda for the next meeting of the Board of Governors.

OPEN SESSION

Please email regrets to shelley.foster@umanitoba.ca no later than 9:00 a.m. the day of the meeting.

OFFICE OF THE UNIVERSITY SECRETARY



**University
of Manitoba**



Acknowledgement

The University of Manitoba campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene peoples, and on the homeland of the Métis Nation.

We respect the Treaties that were made on these territories, we acknowledge the harms and mistakes of the past, and we dedicate ourselves to move forward in partnership with Indigenous communities in a spirit of reconciliation and collaboration.

Mission

To create, preserve, communicate and apply knowledge, contributing to the cultural, social and economic well-being of the people of Manitoba, Canada and the world.

Vision

To take our place among leading universities through a commitment to transformative research and scholarship and innovative teaching and learning, uniquely strengthened by Indigenous knowledge and perspectives.

Values

To achieve our vision, we require a commitment to a common set of ideals.

The University of Manitoba values:

Academic Freedom – Accountability - Collegiality - Equity and Inclusion - Excellence

Strategic Priorities

- Support and sustain a post-COVID teaching, learning, research, and work environment. This includes our commitment, as one of Canada's top 15 research universities, to remain a leader in research excellence.
 - Develop and publicize a university-wide anti-racism strategy.
- Enhance and expand opportunities for learning, including research opportunities for students.
 - Deliver on our commitment to Indigenous achievement and engagement.
 - Create a more accessible, equitable, diverse, and inclusive university.

BOARD OF GOVERNORS OPEN SESSION

Tuesday, January 25, 2022 at 4:00 p.m.

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AGENDA

Presenter

Page

Est. Time

ANNOUNCEMENTS

FOR ACTION

- | | | | | |
|-----|---|-------|---|-----------|
| 1. | APPROVAL OF THE AGENDA | Chair | 3 | 4:00 p.m. |
| 2. | MINUTES (Open Session) | | | |
| 2.1 | Approval of the Minutes of the November 30, 2021 Open Session, as circulated or amended | Chair | 4 | 4:00 p.m. |
| 2.2 | Business Arising - none | Chair | | |

BOARD LEARNING TOPIC

- | | | | | |
|----|---|-------|---------|---------|
| 3. | Presentation: NCTR & UM Advancing Reconciliation (Individual and Collective Responsibilities)
Catherine Cook, Vice-President (Indigenous)
Stephanie Scott, Executive Director, NCTR | Chair | pending | 4:05 pm |
|----|---|-------|---------|---------|

FOR APPROVAL

- | | | | | |
|----|---------------------------------|-------|--|-----------|
| 4. | UNANIMOUS CONSENT AGENDA | Chair | | 4:35 p.m. |
|----|---------------------------------|-------|--|-----------|

If any member of the Board wants to ask a question, discuss or oppose an item that is marked for the consent agenda, the member can have an item removed from the consent agenda by contacting the Secretary of the Board prior to the meeting or by asking that it be removed before the Chair calls for a mover and seconder for the motion to approve or receive, by unanimous consent, the items listed.

4.1 New Business for Approval

- | | | | | |
|-------|---|------------|---|-----------|
| 4.1.1 | Revision to the Distinguished Professor/Distinguished Professor Emeritus/Emerita Policy | J. Leclerc | 7 | (consent) |
|-------|---|------------|---|-----------|

4.2 From Senate for Approval

- | | | | | |
|-------|---|-----------|----|-----------|
| 4.2.1 | Report from the Senate Meeting January 12, 2022 | President | 10 | (consent) |
|-------|---|-----------|----|-----------|

5. NEW BUSINESS

- | | | | | |
|-----|---------------------------|-----------|----|-----------|
| 5.1 | Report from the President | President | 88 | 4:40 p.m. |
|-----|---------------------------|-----------|----|-----------|

FOR DISCUSSION

- | | | | | |
|----|---|-----------|----|-----------|
| 6. | Report from Senate Regarding Changes to Admission Targets | President | 99 | 4:45 p.m. |
|----|---|-----------|----|-----------|

MOTION TO MOVE TO CLOSED & CONFIDENTIAL SESSION



**Minutes of the OPEN Session of the
Board of Governors**

Held by Web Conference on November 30, 2021 at 4:00 p.m.

Present: L. Hyde, Chair
J. Leclerc, Secretary

J. Anderson	M. Benarroch	N. Brigg	D. Brothers	J. DeSouza-Huletey
A. Drummond	K. Lee	J. Lieberman	L. Magnus	A. Mahon
T. Matthews	N. Mogan	N. Murdock	K. Osiowy	S. Prentice
A. Raizman	L. Reimer	B. Scott	S. Sekander	

Absent: E. Cabel E. Kalo

Assessors: S. Woloschuk

Officials: N. Andrew C. Cook M. Emslie S. Foster
D. Hiebert-Murphy D. Jayas J. Kearsey

Regrets: J. Taylor

FOR ACTION

1. APPROVAL OF THE AGENDA

It was moved by Dr. Prentice and seconded by Dr. Brothers:

THAT the agenda for the November 30, 2021 meeting be approved as circulated.

CARRIED

2. MINUTES (Open) Session

2.1 Approval of the Minutes of the October 4, 2021 Open Session as circulated or amended

It was moved by Dr. Prentice and seconded by Ms. DeSouza-Huletey:

THAT the minutes of the October 4, 2021 Open session be approved as circulated.

CARRIED

2.2 Business Arising

There was no business arising from the minutes.

FOR INFORMATION

3. UNANIMOUS CONSENT AGENDA

It was moved by Dr. Anderson and seconded by Dr. Brothers:

THAT the Board of Governors approves and/or receives for information the following:

Items forwarded for approval:

Recommended resolution:

THAT the Board of Governors approve, as recommended by Senate:

A. Report of the Senate Committee on Awards (September 23, 2021)

B-1. Proposals for a Professorship in Family Medicine Research and Innovation and a Professorship in Quality Improvement

B-2. Revised terms of reference for the MPI Professorship in Neurosciences

B-3. Revised terms of reference for the Evelyn Wyrzkowski Research Chair in Cardiology

C. Proposal from the Faculty of Arts to revise the name of the Department Native Studies to the “Department of Indigenous Studies,” effective January 1, 2022

Items forwarded for information:

D. Extension of Suspension of Admissions:

- President’s Approval - Master of Arts in Icelandic, Baccalaureate Program for Registered Nurses, Post-Baccalaureate Diploma in Agrology
- Provincial Approval – Bachelor of Science (Honours) and Bachelor of Science (Major) in Biotechnology, Bachelor of Science in Pharmacy

E. Provincial Approval - Closure of Master of Science in Family Social Sciences

F. 2022- 2023 Academic Schedule

CARRIED

4. NEW BUSINESS

4.1 President’s Report

In addition to his written report, President Benarroch noted that rules around International Students have changed. He said international students continue to arrive and a few are in quarantine. He noted that they are also able to continue as international students online. He added that rule changes around vaccinations, quarantine, and more will likely follow with the new Omicron variant.

President Benarroch referred to a recent blog by Alex Usher about a report from Statistics Canada that members of the Board might find interesting. He asked Mr. Leclerc to send a link to the blog post to Board members as it is worth reading for context.

President Benarroch said he expects some push back on the recently released return to campus information regarding mandatory vaccinations. He explained that this requirement would begin with the start of the winter term in mid-January.

Additionally, Dr. Benarroch said a communication would be released in the coming days about Indigenous identity. He explained that Dr. Catherine Cook, Vice-President (Indigenous) has brought on board three well-known and respected knowledge keepers from the Indigenous community who will form a committee to develop a process for confirming Indigenous Identity. He noted that many areas of university life, including access to awards, financial supports, access to admissions, and employment opportunities, among others – are areas where Indigenous identity are important. He said the Indigenous community should determine whether or not someone is Indigenous. He added that consultation will begin in January and will be complete at the end of March. Dr. Cook noted that he was not asked to prove her Indigenous heritage when she was hired.

President Benarroch said he met this week with Dr. Cook, elders, and members of the anthropology department to discuss the respectful repatriation of remains that were given to the University for research or teaching. He explained that there are culturally appropriate ways to repatriate remains which involve ceremony, community involvement, and proper burial. He noted that the University will have to commit financial resources to this as it is a financial obligation and an important and complex responsibility.

Members of the Board expressed their appreciation for the University's proactive move to mandatory vaccination.

Mr. Lieberman noted this meeting is the last for John Kearsey and his last week at the University. He said it had been a pleasure to work with Mr. Kearsey and felt fortunate to be involved in the campaign that raised \$625 million for the University. He stated that Mr. Kearsey had a significant impact on the University of Manitoba, and he wished him the very best going forward.

Mr. Kearsey expressed his thanks for the kind words.

MOTION TO MOVE TO CLOSED AND CONFIDENTIAL SESSION

It was moved by Dr. Reimer and seconded by Dr. Anderson:
THAT the meeting move into Closed and Confidential Session.

CARRIED

Chair

University Secretary



AGENDA ITEM:

Revision to the Distinguished Professor/Distinguished Professor Emeritus/Emerita Policy

RECOMMENDED RESOLUTION:

THAT the Board of Governors approves a revision to Section 2.1 of the Distinguished Professor/Distinguished Professor Emeritus/Emerita Policy to ensure that all members of the academic staff are eligible for nomination as Distinguished Professor, effective upon approval.

CONTEXT AND BACKGROUND:

In the ongoing review of the [Distinguished Professor/Distinguished Professor Emeritus/Emerita Policy](#), it has been recognized that an element of the current policy does not advance the University of Manitoba's goals in advancing equity, diversity and inclusion (EDI).

It is recommended that the Board of Governors approve the revision made to Section 2.1 **from:**

- 2.1 The Board of Governors will approve the granting of the title "Distinguished Professor" to recognize and honor members of the academic staff of the University of Manitoba holding full-time appointments who have achieved the following:
- (a) outstanding distinction in research or scholarship; or
 - (b) creative professional activity in units such as Fine Arts or Music; and
 - (c) a significant record in teaching.

to the following:

- 2.1 The Board of Governors will approve the granting of the title "Distinguished Professor" to recognize and honor members of the academic staff of the University of Manitoba ~~holding full-time appointments~~ who have achieved the following:
- (a) outstanding distinction in research or scholarship; or
 - (b) creative professional activity in units such as Fine Arts or Music; and
 - (c) a significant record in teaching.

This revision will ensure that nominations for Distinguished Professor of members of the academic staff who do not hold full-time appointments can be considered by the Distinguished Professor Selection Committee. Making this small amendment will help ensure that all members of the academic staff are treated equitably with respect to the Distinguished Professor title, as academic staff may elect to have a reduced appointment for a number of reasons, and this would allow them to be considered as well.

RESOURCE REQUIREMENTS:

N/A

CONNECTION TO THE UNIVERSITY PLANNING FRAMEWORK:

This revision to the Policy will ensure that the process in nominating Distinguished Professors aligns with the University of Manitoba's ongoing shared goals relating to equity, diversity and inclusion in providing equal opportunity that would no longer be dependent on the employment status of academic staff members.

ROUTING TO THE BOARD OF GOVERNORS:

<u>Reviewed</u>	<u>Recommended</u>	<u>By</u>	<u>Title</u>	<u>Date</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Jeff Leclerc	University Secretary	Jan. 7/22
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>M Benavol</i>	President and Vice-Chancellor	Jan. 10, 2022
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			

SUBMISSION PREPARED BY: Melissa Watson

REFERENCES:

[Distinguished Professor/Distinguished Professor Emeritus/Emerita Policy](#)

Report from Senate

Items forwarded for approval:

Recommended resolution:

THAT the Board of Governors approve, as recommended by Senate:

- A. Reports of the Senate Committee on Awards (dated October 19 and December 15, 2021)**
- B. Proposal for a Bachelor of Arts (Single Advanced Major) and Bachelor of Arts (Double Advanced Major) in German, Faculty of Arts**
- C. Proposal for a Bachelor of Arts (Single Honours) in Global Political Economy, Faculty of Arts**
- D. Proposal for a Micro-Diploma in Workplace Health and Safety, Faculty of Arts**

Items forwarded for information:

- E. Extension of Suspension of Admissions, Provincial Approval:**
 - Master of Arts in Icelandic, Baccalaureate Program for Registered Nurses, Post-Baccalaureate Diploma in Agrology
-

ITEM A – for approval (Attachment 1)

Reports of the Senate Committee on Awards (dated October 19 and December 15, 2021)

Context and Background:

As provided for in its terms of reference, the Senate Committee on Awards has the responsibility, “[on] behalf of Senate, to approve and inform Senate of all new offers and amended offers of awards that comply with the University of Manitoba’s policy on *Student Awards*.”

A-1) Report of the Senate Committee on Awards [October 19, 2021]

At its meeting on October 19, 2021, the Committee approved four new offers and three amended offers, as set out in the Report of that date.

A-2) Report of the Senate Committee on Awards [December 15, 2021]

At its meeting on December 15, 2021, the Committee approved fifteen new offers, four amended offers, and the withdrawal of one offer, as set out in the Report of that date.

Resource Requirements:

The awards will be funded from the sources identified in the Reports.

Consultation and Routing to the Board of Governors:

These award decisions are consistent with the *Student Awards* policy. They were endorsed by the Senate Committee on Awards, on behalf of Senate, at its meetings on October 19 and December 15, 2021, respectively. The October Report was provided to the Senate Executive Committee (October 20, 2021) and to Senate (November 3, 2021), for information. The December Report will be shared with Senate Executive and Senate, for information, when the committees meet in January and February, 2022, respectively.

ITEM B – for approval (Attachment 2)

Proposal for a Bachelor of Arts (Single Advanced Major) and Bachelor of Arts (Double Advanced Major) in German, Faculty of Arts

Context and Background:

The Department of German and Slavic Studies, in the Faculty of Arts, is proposing to introduce a Bachelor of Arts (Advanced Major) in German. Students could choose to complete either a B.A. (Single Advanced Major) or a B.A. (Double Advanced Major) in German. Students who completed the Single Advanced Major could choose to complete the degree with a Co-operative Education Option.

The four-year degree would require 120 credit hours of course work. Within the 120 credit hours, students registered in the Single Advanced Major, the Single Advanced Major with a Co-operative Education Option, and the Double Advanced Major would complete 48, 45, and 42 credit hours of German (GRMN) courses, respectively. Other course requirements are outlined in the proposal.

Establishment of the program would provide students more options for completing a four-year German degree based on their educational and employment goals. The Department offers four-year B.A. (Single Honours) and B.A. (Double Honours) in German degrees, which are either too rigorous and/or more specialized than some students require, particularly for those who do not intend to pursue postgraduate studies. The option to complete an Advanced Major degree would also make it feasible for students to transfer into a four-year degree from the three-year B.A. (General Major) in German. The Advanced Major would also be of interest to students who want to participate in travel study or international exchange opportunities, as there would be more space in the curriculum to transfer credits for courses completed abroad.

Introduction of a Single Advanced Major, with a Co-operative Education Option, would highlight the practical aspect of a language/culture program in German and provide practical experience and skills that could benefit graduates in the job market. Introduction of a Double Advanced Major would give students flexibility to increase their breadth of studies, by pairing their German degree with a Double Advanced Major in another Humanities or Social Sciences discipline, and to acquire internationalization, intercultural, and linguistics skills, and cultural competencies that would prepare them for employment in a range of careers. Projected enrolment in the first intake is two (2) students. The maximum seat capacity would be eight (8) students, although enrolment is not expected to reach maximum capacity.

Resource Requirements:

No new resources would be required to offer the programs, which would make use of existing courses, including advanced level courses already used in the Honours programs in German. There is capacity in the courses to accommodate the modest enrolment anticipated for the Advanced Major Programs. The Department has sufficient teaching resources, with 4.5 FTE faculty, including 2.0 FTE tenured faculty and 2.5 FTE Instructors. Any additional advising costs could be covered within existing resources.

The total cost of delivering the program would be \$779,448 in Year 4. Revenue to support the program would be derived from the following sources (as of Year 4):

- tuition, which would generate \$35,332, assuming an enrolment of 8 students;
- existing resources in the Faculty (\$744,116).

The program would be funded using existing Faculty resources and tuition revenue. Revenues identified above would be allocated to the items indicated below (figures are for Year 4):

- salary and benefits for existing academic staff (\$664,866), including 1.00 FTE Professor, 1.00 FTE Associate or Assistant Professors or Senior Instructors, and 2.50 Lecturers, Instructors, or Sessional Instructors;
- salary and benefits for existing support staff, including 0.50 FTE Professional and Support Staff (\$37,326) and 0.35 FTE Indirect Staff (\$30,614);
- operating expenses (\$9,910);
- administrative overhead (\$35,332); and
- student support (\$1,400).

The University of Manitoba Libraries indicated its collections can support the new programs, with additional books that it would purchase.

Connection to the University Planning Framework:

The proposal supports the University's priorities for: (i) Inspiring Minds through innovative and quality teaching, including the goals to maintain and sufficiently support an appropriate range of liberal arts, science and professional programs and increase opportunities for experiential learning; (ii) Building Community that creates an outstanding learning and working environment; and (iii) Forging Connects to foster high impact community engagement, including the goals to establish, strengthen and support meaningful connections between the University and key community stakeholders and to be an internationally engaged university with local relevance and global impact.

The Senate Planning and Priorities Committee recommends that a high priority level be assigned to the proposal.

Implications:

The Department anticipates that the introduction of a four-year B.A.(Single Advanced Major) and a B.A.(Double Advanced Major) in German will attract and retain students who do not want to complete either a three-year B.A.(General Major) or a four-year B.A.(Honours) in German. Other Canadian institutions primarily offer four-year degrees. Establishment of the proposed programs would bring the Department into alignment with other institutions and prepare graduates who want to pursue post-graduate education on an equal footing with graduates from other universities.

Consultation and Routing to the Board of Governors:

Endorsed and recommended to Senate by: Faculty Council of the Faculty of Arts (September 1, 2021); Senate Planning and Priorities Committee (September 27, 2021); Senate Committee on Curriculum and Course Changes (October 13, 2021); Senate Executive Committee (December 15, 2021).

Approved and recommended to the Board of Governors by: Senate, January 12, 2022.

ITEM C – for approval (Attachment 3)

Proposal for a Bachelor of Arts (Single Honours) in Global Political Economy, Faculty of Arts

Context and Background:

The Global Political Economy (GPE) Program, in the Faculty of Arts, offers interdisciplinary degrees, with the Program and five Departments contributing courses, including Anthropology, Economics, History, Political Studies, and Sociology and Criminology. The Program currently offers a three-year Bachelor of Arts (General Major) and a four-year Bachelor of Arts (Single Advanced Major). The degrees are designed to train students to understand, analyse, and communicate complex social, economic, and environmental issues of relevance locally and internationally. The GPE degrees are unique in the province and only a small number of comparable programs are offered at other Canadian institutions.

The GPE Program and the Faculty are proposing to introduce a Bachelor of Arts (Single Honours) in Global Political Economy. The four-year degree would require 120 credit hours of course work. The course requirements, as set out in the proposal, would be the same as those for the B.A. (Single Advanced Major) in Global Political Economy but with requirements for 9 additional credit hours at the 4000- level. Honours students would have access to 4000- level courses in the five participating Departments and the GPE Program, including GPE 4510 Global Political Economy Field Placement Seminar and GPE 4520 Global Political Economy Field Placement.

The purpose of the program will be to provide students advanced, problem-oriented training in an interdisciplinary context; to develop students' writing abilities, analysis and argumentation skills; and to provide specialized knowledge of global political economy. The program would prepare students to pursue postgraduate studies in the same or related disciplines, including in the social sciences and humanities and professional programs such as law, business, communications, and city planning. For those who would seek employment upon graduation, the Honours degree would signal graduates have achieved the highest level of expertise possible at the undergraduate level.

The proposal responds to a recommendation in an external undergraduate program review completed in 2018. Based on results of student surveys completed for that review, the proposal also responds to students' desire to have the option to complete an Honours program, particularly for those who intend to pursue graduate studies, but also given that the rigorous requirements for the Single Advanced Major are nearly as demanding as those for an Honours degree.

Projected enrolment in the first intake is fourteen (14) students. The maximum seat capacity would be eighteen (18) students. The GPE Program anticipated that the majority of students currently enrolled in the B.A. (Single Advanced Major) would transfer to the Honours program.

Resource Requirements:

The total cost of delivering the program would be \$308,134, in Year 4. Revenue to support the program would be derived from the following sources (as of Year 4):

- tuition, which would generate \$70,664, assuming an enrolment of 16 students;
- existing resources in the Faculty (\$237,470).

No new resources would be required to offer the program, which would make use of existing courses offered by the GPE Program, the five Departments that participate in the delivery of the GPE degrees, and one course offered by the Department of Statistics, Faculty of Science. The GPE Program and the departments have sufficient teaching resources and anticipated demand for administrative and advising support would be within the capacity of the Program and the Faculty.

Revenues identified above would be allocated to the items below (figures are for Year 4):

- salary and benefits for existing academic staff (\$197,983), including 0.20 FTE Professors, 0.85 FTE Associate or Assistant Professors or Senior Instructors, and 0.30 Lecturers, Instructors, or Sessional Instructors;
- salary and benefits for existing support staff, including 0.05 FTE AESES Support Staff (\$3,373) and 0.35 FTE AESES Indirect Staff (\$30,614);

- operating expenses (\$5,500); and
- administrative overhead (\$70,664).

The University of Manitoba Libraries indicated its current collection can support the program.

Connection to the University Planning Framework:

The proposal is consistent with the University's strategic priority for Inspiring Minds through innovative and quality teaching in several respects. First, it would support the goal to maintain and support an appropriate range of liberal arts, science and professional programs. Second, because the Honours program would provide students with an opportunity to deepen their understanding of Global Political Economy, it would optimize the educational experience for these students, thus enhancing their professional opportunities and preparing them for further advanced study. Finally, it would increase students' opportunities for experiential learning, by giving access to the field placement course identified above.

The Senate Planning and Priorities Committee recommends that a high priority level be assigned to the proposal.

Consultation and Routing to the Board of Governors:

Endorsed and recommended to Senate by: Faculty Council of the Faculty of Arts (September 1, 2021); Senate Planning and Priorities Committee (September 27, 2021); Senate Committee on Curriculum and Course Changes (October 13, 2021); Senate Executive Committee (December 15, 2021).

Approved and recommended to the Board of Governors by: Senate, January 12, 2022.

ITEM D – for approval (Attachment 4)

Proposal for a Micro-Diploma in Workplace Health and Safety, Faculty of Arts

Context and Background:

The University recently established a *Certificates and Diploma Framework* (Senate, February 3, 2021), to define the types non-degree programs offered at the University, including certificates, diplomas, micro-credentials, and letters of accomplishment/participation, for non-degree, undergraduate, and graduate levels of study. Under the *Framework*, Senate is to recommend new Micro-Diploma programs to the Board of Governors for approval.

The Labour Studies Program, Faculty of Arts, is proposing to introduce a Micro-Diploma in Workplace Health and Safety. To obtain the micro-credential, students would be required to completed three interrelated Labour Studies courses totalling 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 objective of the program would be to provide students with a comprehensive analytical understanding of the subject, including the ability to think critically about current and emerging issues in the field, as well as relevant practical skills. The Micro-Diploma would: prepare students for employment in health and safety risk management positions in the private sector and union health and safety staff positions; help students prepare for certification by the Board of Canadian Registered Safety Professionals; provide a credential that could be presented to current or future employers, as evidence of knowledge of workplace health and safety, at the university level.

The Micro-Diploma would be open to students enrolled in any degree at the University. For students in a Labour Studies or some other degree that would allow the three required LABR courses to also contribute to the degree, the Micro-Diploma would be embedded within the degree. Where this was not possible, the Micro-Diploma could be completed as a stand-alone program, provided this was possible given the academic regulations of the students’ degree program.

Projected enrolment in the program is ten (10) students. The maximum seat capacity would be thirty-five (35) students.

Resource Requirements:

No new resources would be required to offer the Micro-Diploma. The required courses are existing courses offered by the Labour Studies Program and costs related to staffing are covered by the Faculty of Arts. There is sufficient capacity in the courses to accommodate a modest increase in enrolment, which would be managed within the Faculty according to normal scheduling processes.

Tuition revenue would be used to cover costs associated with advertising and administering the program. The University of Manitoba Libraries indicated its current collection can support the program.

Connection to the University Planning Framework:

The proposed Micro-Diploma in Workplace Health and Safety would support the University’s mission to contribute the social and economic well-being of the people of Manitoba, Canada and the world. It would provide an opportunity for community members to develop their knowledge and skills and to pursue their interests. It would increase engagement between the University and communities connected to the institution’s academic mission.

Implications:

If it was approved and implemented, the Micro-Diploma in Workplace Health and Safety would be the first micro-credential created under the University’s recently approved *Certificates and Diplomas Framework*.

Consultation and Routing to the Board of Governors:

Endorsed and recommended to Senate by: Faculty Council of the Faculty of Arts (September 1, 2021); Senate Planning and Priorities Committee (September 27, 2021); Senate Committee on Curriculum and Course Changes (October 15, 2021); Senate Executive Committee (December 15, 2021).

Approved and recommended to the Board of Governors by: Senate, January 12, 2022.

ITEM E – For information

Extension of Suspension of Admissions, Provincial Approval:

- **Master of Arts in Icelandic Language and Literature, Baccalaureate Program for Registered Nurses, Post-Baccalaureate Diploma in Agrology**

Context and Background:

The Board policy on *Admission Targets* specifies that it is the President who has authority to approve changes to, or the introduction of, admission targets following consultation and discussion with the dean or director, with Senate and with the Board of Governors, subject to the provisions of the provincial *Programs of Study Regulation*.

- The University received notice on the dates indicated that Manitoba Advanced Education, Skills and Immigration has approved the University's requests to extend the temporary suspension of admissions to the programs listed below, for the 2022 - 2023 academic session. The President had previously approved the same requests, as reported to the Board at its meeting on November 30, 2021.
 - Master of Arts in Icelandic Language and Literature (December 3, 2021)
 - Baccalaureate Program for Registered Nurses (December 3, 2021)
 - Post-Baccalaureate Diploma in Agriculture (October 28, 2021)

Implications:

The implications remain as outlined in previous submissions to the Board of Governors from Senate, for the meetings on the dates indicated above.

Consultation and Routing to the Board of Governors:

The Province's approval of requests to extend the temporary suspension of admissions to the programs indicated above will be communicated to Senate at its meeting on February 2, 2022.

SUBMISSION PREPARED BY: University Secretary

ATTACHMENTS:

Items for approval:

Attachment 1 –

A-1) and A-2) Reports of the Senate Committee on Awards (dated October 19 and December 15, 2021)

Attachment 2 –

Proposal for a Bachelor of Arts (Single Advanced Major) and Bachelor of Arts (Double Advanced Major) in German, Faculty of Arts

Attachment 3 –

Proposal for a Bachelor of Arts (Single Honours) in Global Political Economy, Faculty of Arts

Attachment 4 –

Proposal for a Micro-Diploma in Workplace Health and Safety, Faculty of Arts

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 October 19, 2021, the Senate Committee on Awards approved 4 new offers and 3 revised offers as set out in the *Report of the Senate Committee on Awards (October 19, 2021)*.

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve 4 new offers and 3 revised offers as set out in the *Report of the Senate Committee on Awards (October 19, 2021)*. These award decisions comply with the Student Awards Policy.

Respectfully submitted,

Dr Jared Carlberg

Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

October 19, 2021

1. NEW OFFERS

Darius Maharaj Hunter Memorial Scholarship

In memory of Darius Maharaj Hunter (JD/'21), family and friends established an endowment fund at the University of Manitoba with an initial gift of \$60,000 in 2021. When funds are available, the Manitoba Scholarship and Bursary Initiative may make a contribution to the award. The purpose of the fund is to reward the academic achievements of undergraduate students enrolled in the Faculty of Law at the University of Manitoba. Each year, beginning in 2022-2023, the available annual income from the fund will be used to offer up to three scholarships of equal value to undergraduate students who:

- (1) are enrolled full-time (minimum 80% course load) in the Juris Doctor Program in the Faculty of Law;
- (2) have achieved a minimum degree grade point average of 3.0; and
- (3) demonstrate leadership either in the community or on campus, and display the personal characteristics associated with the highest standards of the profession.

Candidates will be required to submit: (i) a written statement (maximum 500 words) which outlines how they meet criterion (3), (ii) a current *curriculum vitae*, and (iii) up to two letters of reference.

In years when more than one scholarship will be offered, there must be a minimum of one recipient enrolled in the first year of study in the Juris Doctor Program in the Faculty of Law.

A student may not hold this award more than once.

The selection committee will have the discretion to determine the number and equal value of awards offered each year based on the available funds, as outlined in the criteria above.

The Dean of the Faculty of Law (or designate) will name the selection committee for this award and will include a representative of the donor (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 modifications shall confirm as closely as possible to the expressed intention of the donor in establishing the award.

Iwasiw Family Bursary

Dr. Carroll Iwasiw (B.N./'79) generously established an endowment fund at the University of Manitoba in 2021 with a gift of \$50,000. The purpose of the fund is to provide financial support to students in the College of Nursing in the Rady Faculty of Health Sciences. When funds are available, the Manitoba Scholarship and Bursary Initiative will make a contribution to the award. Each year, beginning in 2021-2022, the available MSBI funds and the available annual income from the fund will be used to offer one bursary to an undergraduate student who:

- (1) is enrolled full-time (minimum 60% course load) in any year of study in the Bachelor of Nursing program in the College of Nursing;
- (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 Dean of the College of Nursing (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.

Roland Grandpré Asper MBA Entrance Scholarship

In memory of Dean Emeritus Roland Grandpré, the Asper Foundation will make an annual contribution of \$5,000 to the University of Manitoba to offer the Roland Grandpré Asper MBA Entrance Scholarship. The purpose of the scholarship is to reward students entering the Asper MBA program. Each year, beginning in 2021-2022, one scholarship of \$5,000 will be offered to a student who:

- (1) is enrolled as a full or part-time student in the first year of study in the Asper MBA program in the Asper School of Business at the University of Manitoba (Faculty of Graduate Studies); and
- (2) has achieved a minimum admission grade point average of at least 3.50 and a minimum overall GMAT score of 600.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Asper School of Business Associate Dean, Professional Graduate Programs and Executive Education (or designate) to 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.

Scarth Bursary for Engineering

Douglas Scarth (B.Sc.[M.E.]/'79), (M.Sc.[M.E.]/'82) and Betty Scarth (B.Comm.[Hons.]/'81), (C.A./1984) and their family established an endowment fund at the University of Manitoba with an initial gift of \$50,000 in 2020. The purpose of the fund is to support undergraduate students pursuing studies in any undergraduate engineering degree program in the Price Faculty of Engineering. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one or more bursaries to undergraduate students who:

- (1) are enrolled full-time (minimum 60% course load) in their second, third or fourth year of study in any undergraduate degree program in the Price Faculty of Engineering;
- (2) have achieved a minimum degree grade point average of 2.0; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

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 bursary will be the Scholarships, Bursaries and Awards Committee of the Price Faculty of Engineering.

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

Doris Irene Wilton Memorial Scholarship

The following amendments were made to the terms of reference for the **Doris Irene Wilton Memorial Scholarship**:

- The preamble was revised to:
In memory of Mrs. Doris Irene Wilton, her husband, family members, and friends established a scholarship fund at The University of Manitoba in 1987. Each year, the available annual income from the fund will be used to offer one scholarship valued at \$2,000 to a student in the Master of Nursing Program who:
- The numbered criteria were revised to:
 - (1) *is enrolled full-time or part-time in the Faculty of Graduate Studies, in the Master of Nursing Program offered by the College of Nursing;*
 - (2) *has completed at least 21 credit hours in the Nurse Practitioner stream or, if registered in one of the Administration, Clinical, or Education streams, has completed at least 12 credit hours (thesis option) or 15 credit hours (comprehensive examination option);*
 - (3) *has a minimum GPA of 3.0 on the courses completed as part of their current Master's degree program;*
 - (4) *has demonstrated a high standard of competent care of patients/clients as well as a commitment to community health nursing;*
- The second paragraph was revised to:
In any given year that the fund does not generate at least \$2,000, the value of the award will be \$1,000.

Helena May Wake Bursary

The following amendments were made to the terms of reference for the **Helena May Wake Bursary**:

- The preamble was revised to:
Dr. Barbara Wake Carroll established an endowment fund in honour of her mother, Mrs. Helena May Wake with a gift of \$15,000 to the University of Manitoba in 2000. The Manitoba Scholarship and Bursary Initiative made a contribution to this fund. The purpose of this bursary is to support mature students studying at the University of Manitoba. Each year, the available annual income from the fund will be used to offer one or more bursaries to students who:

- The numbered criteria were revised to:
 - (1) *have been admitted to the University of Manitoba on a mature student status;*
 - (2) *are enrolled full-time (minimum 60% course load) in University 1, Engineering, Music, or the School of Art; and*
 - (3) *have demonstrated financial need on the standard University of Manitoba bursary application form.*
- The following paragraph was added:

The selection committee will have the discretion to determine the number and value of awards offered in each year based on the available funds, as outlined in the criteria above.
- The selection committee paragraph was revised to:

The Associate Registrar and Director of Financial Aid and Awards will name the selection committee for this award.
- The standard Board of Governors statement was added.

John M. Hawryluk Memorial Scholarship

The following amendments were made to the terms of reference for the **John M. Hawryluk Memorial Scholarship**:

- The preamble was revised to:

In memory of John M. Hawryluk, his immediate family and the past-president of the Ukrainian Professional and Business Club of Winnipeg, Inc. established an endowment fund at the University of Manitoba in 1982. The purpose of this fund is to recognize the academic achievements of students with an interest in Ukrainian Studies. Each year, beginning in 2021-2022, one award valued at \$3,000 will be offered to an undergraduate student who:
- The numbered criteria were revised to:
 - (1) *is enrolled full-time (minimum 80% course load) in the second year of study or higher in any faculty, college, or school at the University of Manitoba;*
 - (2) *has achieved a minimum degree grade point average of 3.0; and*
 - (3) *has completed at least six credit hours in Ukrainian Studies with a grade of C or better.*

In the event that there is no eligible undergraduate candidate, the scholarship may be offered to a graduate student who:

 - (1) *is enrolled full-time in any Master's or Doctoral program in the Faculty of Graduate Studies at the University of Manitoba;*
 - (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 undertaken, or is about to undertake, research in the area of Ukrainian or Ukrainian Canadian Studies.*
- The following sentence was added:

The value of the scholarship may be adjusted in the final year to ensure that the fund is exhausted.
- The selection committee paragraph was revised to:

The Dean of the Faculty of Arts (or designate) will ask the head of the Department of German and Slavic Studies to name the selection committee for this award. If the successful candidate is a graduate student, the Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies will name the selection committee for this award.

- The standard Board of Governors statement was added.

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 December 15, 2021, the Senate Committee on Awards approved 15 new offers, 4 revised offers and 1 withdrawal as set out in the *Report of the Senate Committee on Awards (December 15, 2021)*.

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve 15 new offers, 4 revised offers and 1 withdrawal as set out in the *Report of the Senate Committee on Awards (December 15, 2021)*. These award decisions comply with the Student Awards Policy.

Respectfully submitted,

Dr Jared Carlberg

Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

December 15, 2021

1. NEW OFFERS

Crosier Kilgour ENGAP Scholarship

Crosier Kilgour & Partners Ltd. has established an endowment fund at the University of Manitoba with the initial gift of \$40,000 in 2021. The purpose of the fund is to reward the academic achievements of undergraduate Indigenous students pursuing studies in Civil Engineering or Biosystems Engineering in the Price Faculty of Engineering. Each year, beginning in the 2022-2023, the available annual income from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is a member of ENGAP;
- (2) is enrolled full-time (as defined by ENGAP) in the second year of study in the Price Faculty of Engineering in either the Civil Engineering or Biosystems Engineering programs;
- (3) has achieved a minimum degree grade point average of 2.5; and
- (4) demonstrates interest in giving back to the community after graduation.

In order to demonstrate how they meet criterion (4), candidates will be required to submit an application that includes a statement (maximum 500 words) answering the question: How do you see yourself giving back to the community after you graduate?

The selection committee will be the ENGAP Scholarships, Bursaries, and Awards Committee of the Price Faculty of Engineering and will include a representative from Crosier Kilgour & Partners Ltd.

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.

Dr. Manfred Freese Bursary in Biosystems and Electrical Engineering

Dr. Manfred Freese established an endowment fund at the University of Manitoba with an initial gift of \$25,000 in 2021. The purpose of the fund is to provide financial support to undergraduate students in the Price Faculty of Engineering at the University of Manitoba. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one bursary to an undergraduate student who:

- (1) is enrolled full-time (minimum 60% course load) in the third or fourth year of study in either the Biosystems Engineering or Electrical Engineering program in the Price Faculty of Engineering;
- (2) has achieved a minimum degree grade point average of 3.0; and
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will be the Scholarships, Bursaries and Awards Committee of the Price Faculty of Engineering.

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.

Graduate Science Research Scholarship for Indigenous Students

In honour of his birth mother, Anita Lehto, Tony Williams established an endowment fund at the University of Manitoba with a gift of \$25,000 in 2021. The purpose of the fund is to support graduate students pursuing research on issues affecting Indigenous peoples. Each year, beginning in 2022-2023, the available annual income from the fund will be used to offer one scholarship 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 Masters or Doctoral program delivered by the Faculty of Science;
- (3) has achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and
- (4) is conducting a research project with a focus on issues affecting Indigenous people (eg, water quality, Indigenous health issues, etc).

Candidates are required to submit an application package which consists of: (a) a description of the research proposal, (b) copies of recent transcripts, and (c) two reference letters, one of which will be from the student's advisor. The reference letters must describe the student's work experience and commitment to issues affecting Indigenous people.

The Graduate Science Research Scholarship for Indigenous Students is renewable for one year, provided the recipient continues to be enrolled full-time in the Faculty of Graduate Studies, and continues to meet criteria (3) and (4). Only one student may hold this award each year.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Faculty of Science (or designate) to name the selection committee.

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.

Henry Family Engineering Bursary

C. Neil Henry (B.Sc.[C.E.]/'79) and Melinda Henry established an endowment fund at the University of Manitoba with an initial gift of \$100,000 in 2021. The purpose of the fund is to support undergraduate students pursuing studies in any program in the Price Faculty of Engineering. In the 2022-2023 academic year, an additional gift of \$4,500 will be used to award one bursary. Each year, beginning in 2023-2024 academic year, the available annual income from the fund will be used to offer one bursary to an undergraduate student who:

- (1) is a Canadian citizen or permanent resident;
- (2) is enrolled full-time (minimum 60% course load) in the second, third or fourth year of any degree program in the Price Faculty of Engineering;
- (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.

In the event that two students have the same financial need, preference will be given to the student with the higher GPA.

The selection committee will be the Scholarships, Bursaries and Awards Committee of the Price Faculty of Engineering.

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.

Interdisciplinary Health Program Bursary

The Rady Faculty of Health Sciences established a \$5,000 fund to financially support students in the Interdisciplinary Health Program at the University of Manitoba. One bursary will be offered to a Bachelor of Health Sciences student and the other bursary will be offered to a Bachelor of Health Studies student until the fund has been depleted.

Each year, beginning in 2021-2022, one bursary valued at \$500 will be offered to an undergraduate student who:

- (1) is enrolled full-time (minimum 60% course load) in the Interdisciplinary Health Program (Bachelor of Health Sciences) in the Rady Faculty of Health Sciences;
- (2) has achieved a minimum degree grade point average of 3.0; and
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

Each year, beginning in 2021-2022, one bursary valued at \$500 will be offered to an undergraduate student who:

- (1) is enrolled full-time (minimum 60% course load) in the Interdisciplinary Health Program (Bachelor of Health Studies) in the Rady Faculty of Health Sciences;
- (2) has achieved a minimum degree grade point average of 3.0; and
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to determine the value of the awards in the last year of disbursement to ensure the fund is depleted.

The Dean of the Rady Faculty of Health Sciences (or designate) will ask the Director of the Interdisciplinary Health Program (or designate) to 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.

James Richardson & Sons, Limited Scholarship on Business History

James Richardson & Sons, Limited, through the Centennial Institute at The Winnipeg Foundation, established a scholarship at the University of Manitoba to reward and encourage students who are pursuing a Master's degree in the Joint Master's Program who are conducting historical research in the area of business history. Each year, beginning in 2022-2023, one scholarship valued at \$7,000 will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies in the Joint Master's Program offered by the Department of History;
- (2) has achieved a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; and
- (3) is conducting research related to the impact of business on Canadian society.

Applicants will be required to submit: (i) a description of their proposed course work, major paper or thesis; (ii) a current *curriculum vitae*; and (iii) a copy of their current transcript. Preference will be given to research related to family businesses but may also include the study of firms, executives or entrepreneurs or broader issues like the history of government regulations. Students can hold the award more than once.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Joint Discipline Committee in the Department of History to name the selection committee for this award.

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. Any future modifications that may be necessary due to changed conditions will require complete consultation with The Winnipeg Foundation.

John Kearsley Scholarship in Student Leadership

In recognition of John Kearsley's tenure as Vice-President, External (2010-2021) at the University of Manitoba, members of the university and alumni community have established an endowment fund in his honour. This award serves to recognize John's commitment to the development of student leaders and the importance of serving one's community through volunteer efforts. The purpose of the fund is to provide recognition to exceptional students entering the President's Student Leadership Program offered through the James W. Burns Leadership Institute at the University of Manitoba. Each year, beginning in 2022-2023, the available annual income from the fund will be used to offer one scholarship to a student who:

- (1) is enrolled either:
 - (a) as a graduate student, full-time in any Master's or doctoral program offered through the Faculty of Graduate Studies at the University of Manitoba; or
 - (b) as an undergraduate student, full-time (minimum 80% course load) in any faculty, college, or school at the University of Manitoba;
- (2) has achieved either:
 - (a) as a graduate student, a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; or
 - (b) as an undergraduate student, a minimum degree grade point average of 3.0;
- (3) has been accepted into the President's Student Leadership Program offered through the James W. Burns Leadership Institute at the University of Manitoba; and
- (4) has received two nominations from either a mentor, supervisor, Elder, or community leader who can directly address the student's outstanding volunteerism.

Nomination letters (maximum 500 words) should include a description of the student's community or school involvement and a summary of the impact of the student's volunteer service.

A student may not hold this award more than once.

The Director of the Leadership Institute (or designate) will name the selection committee for this award. If a graduate student is selected, the results will be reported through the Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate 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.

Law Class of 1980 Bursary

In honour of their 40th Anniversary, the Law Class of 1980 established an endowment fund at the University of Manitoba with a gift of \$25,000 in 2021. The purpose of the fund is to support Indigenous undergraduate students in the Faculty of Law at the University of Manitoba. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one or more bursaries to undergraduates student who:

- (1) have self-declared as a First Nations, Métis, or Inuit people from Canada;
- (2) are enrolled full-time (minimum 60% course load) in the Juris Doctor program in the Faculty of Law;
- (3) have achieved a minimum degree grade point average of 2.0; and
- (4) have demonstrated financial need on the standard University of Manitoba bursary application.

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 Dean of the Faculty of Law (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.

MacMorran Family Legacy Bursary

The MacMorran Family Legacy Fund was established through The Winnipeg Foundation to financially support students from Northern Manitoba who are in the Undergraduate Medical Education program in the Max Rady College of Medicine. Each year, beginning in 2022-2023, The Winnipeg Foundation will report the available earnings from the fund to Financial Aid and Awards at the University of Manitoba to offer one or more bursaries to undergraduate students who:

- (1) have graduated from a high school in Northern Manitoba;
- (2) are enrolled full-time in any year of the Undergraduate Medical Education program in the Max Rady College of Medicine;

(3) is in good standing; and

(4) has demonstrated financial need on the standard University of Manitoba bursary application.

For the purpose of this award, the definition of Northern Manitoba is the area North of the 53rd parallel.

In the event that there are no students who meet all of the numbered criteria, the scholarship will be offered to a student who meets criteria (2), (3) and (4).

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award.

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. Any future modifications that may be necessary due to changed conditions will require complete consultation with The Winnipeg Foundation.

Margaret Faber Memorial Bursary

Friends and family of Margaret Faber established an endowment fund at the University of Manitoba with an initial gift of \$25,000 in 2021. The purpose of the fund is to provide financial support to students enrolled in the Master of Occupational Therapy program in the College of Rehabilitation Sciences at the University of Manitoba. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one or more bursaries of equal value to graduate students who:

- (1) are enrolled in the Faculty of Graduate Studies in the Master of Occupational Therapy program offered by the College of Rehabilitation Sciences;
- (2) have achieved a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to determine the number and value of the bursaries offered each year as outlined above, based on the available annual income from the fund.

The Dean of the College of Rehabilitation Sciences (or designate) to 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.

Narratives Legacy Scholarship

In honour of its commitment to reconciliation, anti-racism and anti-oppression, and promoting equity and inclusion, Narratives Inc. (“Narratives”) has established an endowment fund at the University of Manitoba. The purpose of the fund is to reward the academic achievements of students who demonstrate a strong commitment to Indigenous research in their pursuit of graduate studies at the Natural Resources Institute, at the University of Manitoba. Each year, beginning in 2023-2024, the available annual income from the fund will be used to offer one scholarship 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 a Master's or Doctoral program delivered by the Natural Resources Institute, within the Clayton H. Riddell Faculty of Environment, Earth, and Resources;
- (3) has achieved a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study, and
- (4) demonstrates a strong commitment to Indigenous issues, and/or Indigenous communities, and/or employing Indigenous research methodologies.

In the event there are no applicants who meet criterion (1), the award may be offered to an applicant who has self-declared as Black or a Person of Colour.

To demonstrate how they have met criterion (4), applicants must submit a current *curriculum vitae* and a written statement (maximum 500 words) outlining their research and professional goals, their goals to pursue Indigenous research, and any activities they are undertaking or plan to undertake that could advance the Truth and Reconciliation Calls to Action.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Clayton H. Riddell Faculty of Environment, Earth, and Resources (or designate) to name the selection committee for this award, which will include the Director of the Natural Resources Institute (or designate), one other member of the Natural Resources Institute, and a representative from Narratives Inc.

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.

Richard L. Frost Scholarship on the History of Philanthropy Fund

The Winnipeg Foundation, through its Centennial Institute and in honour of retired CEO Richard Frost, established an annually funded scholarship at the University of Manitoba to reward and encourage students pursuing a Master's degree in the Joint Master's Program who are conducting historical research in the area of philanthropy. Each year, beginning in 2022-2023, one scholarship valued at \$6,000 will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies in the Joint Master's Program offered by the Department of History;
- (2) has achieved a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; and
- (3) is conducting research on how the wellbeing of local communities or Canadian society in general has been advanced by generous individuals, specific charitable agencies, or social movements within the broadly defined voluntary sector.

Applicants will be required to submit: (i) a description of their proposed course work, major paper, or thesis; (ii) a current *curriculum vitae*; and (iii) a copy of their current transcript. Students can hold the award more than once.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Joint Discipline Committee in the Department of History to name the selection committee for this award.

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. Any future modifications that may be necessary due to changed conditions will require complete consultation with The Winnipeg Foundation.

T.H.B. Symons Scholarship in Canadian Studies

In honour of his time as an External Assessor working with the Université de St. Boniface and the University of Manitoba, Thomas H.B. Symons, C.C., O.Ont., FRSC, LL.D, established an endowment fund at the University of Manitoba in 1994. The purpose of the fund is to reward and encourage undergraduate students to pursue studies in both English and French in the area of Canadian Studies. 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 the second year of study or higher in the general, advanced major, or honours program in Canadian Studies in the Faculty of Arts at the University of Manitoba;
- (2) has successfully completed a minimum of six credit hours of coursework at the Université de St. Boniface with a grade of B or better;
- (3) has successfully completed a minimum of six credit hours of coursework in Canadian Studies in the Faculty of Arts at the University of Manitoba with a grade of B or better; and
- (4) has achieved a minimum grade point average of 3.0.

In the event that there is no eligible candidate who meets all of the criteria outlined above, the scholarship may be awarded to a student who meets criteria (1), (3), and (4).

The Dean of the Faculty of Arts (or designate) will ask the Program Coordinator of Canadian Studies (or designate) to 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 Barry Foundation Scholarship on the History of Canadian-American Relations

The Barry Foundation, through the Centennial Institute at The Winnipeg Foundation, established an annually funded award at the University of Manitoba to reward and encourage students pursuing a Masters degree in the Joint Master's Program who are conducting historical research in the area of Canadian-American Relations. Each year, beginning in 2022-2023, one scholarship valued at \$6,000 will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies in the Joint Master's Program offered by the Department of History;
- (2) has achieved a minimum grade point average of 3.0 based on the last 60 credit hours (or equivalent) of study; and
- (3) is conducting research on some aspect of how Canada and the United States of America have successfully managed their neighbourly relationship for so many decades.

Applicants will be required to submit: (i) a description of their proposed course work, major paper, or thesis; (ii) a current *curriculum vitae*; and (iii) a copy of their current transcript. Students can hold the award more than once.

The Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate) will ask the Joint Discipline Committee in the Department of History to name the selection committee for this award.

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. Any future modifications that may be necessary due to changed conditions will require complete consultation with The Winnipeg Foundation.

The Helen Shou-Fu and Fuh-Sheng Yao Bursaries

In memory of his parents, Dr. Joseph Yao has established annually funded bursaries at the University of Manitoba. The purpose of the bursaries is to support students pursuing studies in the Faculty of Science. Each year, beginning in 2022-2023, three bursaries valued at \$3,000 each will be awarded to undergraduate students who:

- (1) have met the Direct Entry admission requirements for the Faculty of Science at the University of Manitoba;
- (2) are enrolled full-time (minimum 60% course load) in the first year of study in any Bachelor of Science (B.Sc.) degree program in the Faculty of Science; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application.

The bursaries are renewable for two subsequent years for any students pursuing a three-year degree program in the Faculty of Science, provided that the recipients:

- (1) are enrolled full-time (min 60% course load) in any three-year Bachelor of Science degree program;
- (2) have achieved a minimum degree grade point average of 3.0; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application.

The bursaries are renewable for a fourth additional year for any students pursuing a four-year degree program in the Faculty of Science, provided that the recipients:

- (1) are enrolled full-time (min 60% course load) in any four-year Bachelor of Science degree program;
- (2) have achieved a minimum degree grade point average of 3.0; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application.

If one or more returning students are no longer eligible to receive renewals, then one or more one-time, non-renewable \$3,000 bursaries will be awarded to undergraduate students who:

- (1) are enrolled full-time (min 60% course load) in either the third or fourth year of study in any four-year degree program in the Faculty of Science;
- (2) have achieved a minimum degree grade point average of 3.0; and
- (3) have demonstrated financial need on the standard University of Manitoba bursary application.

A minimum of nine students and a maximum of twelve students can hold the Helen and Fuh-Sheng Yao Bursaries each year, including new offers and renewals.

The Dean of the Faculty of Science (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

Berkes Graduate Scholarship in Community-Based Research

The following amendments were made to the terms of reference for Berkes Graduate Scholarship in Community-Based Research:

- The preamble was revised to:
Professor Fikret Berkes, former Tier I Canada Research Chair in Community-Based Resource Management, and Dr. Mina K. Berkes have established the Berkes Graduate Scholarship in Community-Based Research. This annually funded scholarship will provide support to degree-related field research and related expenses (including travel, food, housing, and to return research findings to the research host community). It will provide an opportunity to conduct research and apply that research to those related communities, and to engage in outreach to translate the findings into communication to communities, public audiences, and policy-makers through written, visual, oral and/or multimedia means. Each year, one scholarship valued at \$10,000 will be offered to a graduate student who:
- The numbered criteria were revised to:
 - (1) *is enrolled full-time in the Faculty of Graduate Studies, in a Master's or Ph.D. program at the University of Manitoba;*
 - (2) *is pursuing community-based research in one of the approved areas*;*
 - (3) *has achieved a minimum degree grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and*
 - (4) *does not already hold any other major award greater than \$15,000.*
- The following paragraph was added:
**Approved research areas are: community-based resource (or environmental) management; community-based planning for green options (e.g. solar energy); community-based conservation; Indigenous-led conservation and/or biocultural restoration; Indigenous reconciliation through conservation partnerships (e.g. environmental guardians); land use, food security and gender in northern Indigenous communities; and Indigenous knowledge and science (e.g. reconciling ways of knowing).*
- The selection committee paragraph was revised to:
The selection committee will be named by the Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate).
- The standard Board of Governors statement was updated.

The Hirsch Memorial Scholarship

The following amendments were made to the terms of reference for The Hirsch Memorial Scholarship:

- The preamble was revised to:
As a memorial to his parents, Joseph and Ilona Hirsch, and to his brother, Stefan, who died at Auschwitz in 1944, Dr. John Hirsch established an endowment fund at the University of Manitoba in 1980. The Manitoba Scholarship and Bursary Initiative made a contribution to this fund. The purpose of the fund is to reward an outstanding piece of creative writing. Each year, the available annual income from the fund will be used to offer one scholarship to a student who:
- The numbered criteria were revised to:
 - (1) is enrolled part-time or full-time in any undergraduate or graduate program offered at the University of Manitoba;
 - (2) has achieved either:
 - (a) as an undergraduate student, a minimum degree grade point average of 3.5; or
 - (b) as a graduate student, a minimum grade point average of 3.5 based on the last 60 credit hours (or equivalent) of study; and
 - (3) has produced, in the opinion of the selection committee, an outstanding piece of creative writing. Pieces of creative writing may include a short story, poem, play, descriptive sketch, familiar essay, or other kinds of writing acceptable to the selection committee.
- The following sentences were added:
Preference will be given to undergraduate students.
In order to be considered for this award, candidates are required to submit a piece of creative writing for consideration to the Associate Head of the Department of English, Theatre, Film & Media.
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 following selection committee paragraph was added:
The Dean of the Faculty of Arts will ask the Head of the Department of English, Theatre, Film & Media (or designate) to name the selection committee for this award. If a graduate student is selected, the results will be reported through the Vice-Provost (Graduate Education) and Dean of the Faculty of Graduate Studies (or designate).
- The standard Board of Governors statement was added.

University of Manitoba General Scholarships

The following amendments were made to the terms of reference for the University of Manitoba General Scholarships:

- The preamble was revised to:
Through donations designated to specific Faculties, Colleges, and Schools, award funds were established in most Faculties, Colleges, and Schools at the University of Manitoba (exception - College of Medicine, because of the pass/fail grading system in the Faculty academic awards are not offered). The Manitoba Scholarships and Bursaries Initiative made a contribution to this fund. The available annual income from each of these funds will support scholarships for students in the Faculty, College, or School. The number and value of awards will be determined each

year, based on the amount of available annual income. Each year, scholarships will be offered to students who:

- The numbered criteria were revised to:
 - (1) are enrolled as full-time students (minimum 80% course load) in any degree or diploma program at the University of Manitoba;
 - (2) have completed at least the first full-year of the program in which they are enrolled; and
 - (3) have achieved high academic standing (minimum 3.0 sessional grade point average).
- The following sentence was added:

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 following selection committee paragraph was added:

The Associate Registrar & Director of Financial Aid and Awards will name the selection committee for this award.
- The standard Board of Governors statement was added.

Victoria and J. Stuart Downey Entrance Scholarship in Medicine

The following amendments were made to the terms of reference for Victoria and J. Stuart Downey Entrance Scholarship in Medicine:

- The preamble was revised to:

Dr. John Downey established an endowment fund with an initial gift of \$25,000 at the University of Manitoba, in memory of his parents, Victoria and J. Stuart Downey. The fund will be used to offer scholarships for rural and Indigenous students entering the Max Rady College of Medicine. Each year, 75% of the available annual income from the fund will be used to offer one entrance scholarship to an undergraduate student who:
- The numbered criteria were revised to:
 - (1) has declared rural status in the supplementary application to the Max Rady College of Medicine;
 - (2) has been admitted to the first year of the Undergraduate Medical Education Program in the Max Rady College of Medicine;
 - (3) has ranked high on the Admission Composite Score.
- The paragraphs following the numbered criteria were revised to:

Preference will be given to rural students from Saskatchewan, Alberta, or Manitoba.

If, in any given year, there are no eligible candidates, the scholarship can be offered to a student who has self-declared as a First Nations, Métis, or Inuit person from Canada and who meets criteria (2) and (3) above.

A second instalment of the scholarship, equivalent to 25% of the available annual income from the fund, will be disbursed to the recipient of the Victoria and J. Stuart Downey Entrance Scholarship in Medicine provided that they:

 - (1) subsequently enroll in the Bachelor of Science in Medicine program, in the Max Rady College of Medicine, in the summer months immediately following the first year of study in the Undergraduate Medical Education Program;

(2) are in good academic standing in the Undergraduate Medical Education Program.

The Dean of the Max Rady College of Medicine is authorized to recommend to the Senate Committee on Awards, for approval, amendments to the financial and other terms of the scholarship as changing circumstances may require.

- The selection committee paragraph was revised to:

The Dean of the Max Rady College of Medicine (or designate) will name the selection committee for this award, which may include the Assistant Dean, Admissions (or designate) for the Max Rady College of Medicine.

- The standard Board of Governors statement was added.

3. WITHDRAWALS

James C. Thomas Fellowship in Landscape Planning

At the request of the donor

Application

NEW PROGRAM OF STUDY

Under The Advanced Education Administration Act



Universities and colleges requesting approval for a **new** 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. Following unit approval* please submit the complete proposal electronically (.pdf single file) to both the Office of the Provost & Vice-President (Academic) and, for:
 - Undergraduate Programs:** Office of the University Secretary (for Senate submission deadlines visit <http://umanitoba.ca/admin/governance/meetings/index.html>. Please also submit a **hard copy** version to the Office of the Secretary to their office as well.
 - Graduate Programs:** Faculty of Graduate Studies (for timelines visit http://umanitoba.ca/faculties/graduate_studies/admin/program_approval_timeline.html.
 - ALL Programs:** as preparation for submission to MET, please submit a .docx file of the proposal, an .xlsx file of the Financial Support Form and a .pdf file of all other supporting documents (letters of support, external reviews, etc.). Please date stamp these files for ease of tracking should any changes result from the Senate approval process and submit directly to the Provost's Office.
2. Along with the information requested in the proposal template, please **append** details on the following:
 - a) **MET /SPPC Financial Support Form** [available through the Office of the Provost & Vice-President (Academic)] This form requires the signature of the Financial Planning Office. Please contact Giselle Martel, Executive Director, Financial Planning and Budgeting, for direction on completion of the form. Approval of the financial support form does not signify approval of any funding requests, either internally or from the province. Confirmation of resource availability and allocation of any new funds will be determined by the Provost at time of implementation.
 - b) **Admission and/or transfer criteria** for the proposed program.
 - c) **Course details** for required coursework, including title, course number, credit hours and calendar description. Highlight any proposed new courses and attach:
 - Undergraduate Programs:* for SCCCC Program and Course Change forms, as applicable, visit <http://umanitoba.ca/admin/governance/forms/index.html>
 - Graduate Programs:* for course change forms visit http://umanitoba.ca/faculties/graduate_studies/admin/course_changes.html
 - d) Any **new academic regulations** for the program that are not currently addressed in existing faculty/college/school requirements.
 - e) **Letters of support** from internal units that may be impacted by the proposed new program and any external letters of support as outlined below.
 - f) **Library statement** of support.
 - g) Where applicable, a **transition plan** for current students entering the new program.
3. Please direct questions to Cassandra Davidson, Academic Programs Specialist, at Cassandra.Davidson@umanitoba.ca in the Office of the Provost and Vice-President (Academic).



**University
of Manitoba**

*Note: the complete proposal, including all appendices, and associated program and course forms, should be submitted to departmental (as appropriate) and faculty/college/school approving bodies for review and approval, prior to submission to the Office of the University Secretary.

Revised December 10, 2017

Revised October 18, 2017.

SECTION A – PROPOSAL DETAILS

Institution: **UNIVERSITY OF MANITOBA**

Applicable faculties/department with responsibility for the program: German & Slavic Studies, Arts

If program is a joint program, list all participating institutions and the roles of each in delivering the proposed program:
N/A

Program name: Advanced Major in German

Credential awarded: B.A. Advanced

Funding request: N/A - no new costs involved

Office Use Only

One-time funding: On-going funding: _____
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Proposed start date: September 2022

List any critical issues that may impact the start date of the program: N/A

UM INTERNAL REQUIREMENT: Name of Person(s) responsible for the Program internally (please include contact information):

Dr. Stephan Jaeger, Department Head, Department of German and Slavic Studies, University of Manitoba,
stephan.jaeger@umanitoba.ca, (204) 474-9930

B-1 Provide a general description of the program and its objectives: *(Include intended purpose, curriculum design, and highlight distinctive attributes)*

The Department of German and Slavic Studies currently offers the following degree programs in German at the undergraduate level: a three-year General Major, a four-year Single Honours Major, along with a Single Honours with a co-operative option, a Double Honours Major and a Minor. We also offer an M.A. in German.

In 2003-2004, the Department of German & Slavic Studies deleted the Advanced Major Programs in German. While this was in response to resource pressures at the time, the move proved premature. Student demand for a four-year undergraduate program in German has remained, but it can currently only be satisfied by streaming students into the more rigorous four-year Honours program. This denies a four-year degree to students who for various reasons, have not obtained a certain GPA or who do not seek the specialized focus required of an Honours student.

We are proposing to add a course-based Single Advanced Major and Double Advanced Major program, the Single Advanced Major in addition with a co-operative option. Like the Single and Double Honours program, this will be a four-year program that, however, requires less course work and provides more flexibility to students who want to go abroad, decide late in their undergraduate in favor of a four-year degree, and who want to double major in two subject fields.

In addition, the (re-)introduction of the Double Advanced Major will allow German majors to pair up their degree with any other program that offers the Double Advanced Major, which currently includes most other language and subject area programs. Language and foreign culture programs are much more sustainable when they can be offered as a complementary ‘double major’ to students interested in taking other subjects. Many students and employers understand the substantial value added of an employee with foreign language skills and cultural competency.

The gained flexibility for students will also allow them to specialize beyond basic knowledge of German language and culture in courses that allow students to gain in-depth skills needed in today’s job market. The program offers a number of courses with experiential and immersive elements of learning that help students beyond their academic studies with future employers. It specializes in courses in interdisciplinary German Studies that go beyond the traditional literary canon that connect students to a wide range of current topics and skill-sets, for example regarding themes of social justice, memory, intercultural understanding, environment in culture, media and communication themes, among others. It is the only German program with this breath and depth in Manitoba.

The co-op option further highlights the practical aspect of a language/culture program in the Humanities and responds to the demands of students who choose a work-oriented approach to their studies. It also allows students to develop meaningful skills that will make them stand out on the job market after graduation.

Finally, students who take advantage of travel study opportunities to Germany (or any other international exchange partner offering German) would be able to bring more of the course credits taken abroad back into the Advanced Major program than they can with either the General Major or the Honours program. This will attract more students to exchanges as this means the possibility of more productive exchange experiences for students who go abroad for a term or year of study, and more timely progress to completion of their degrees.

There are no resource implications for either program. There are sufficient courses with sufficient space to cover all program requirements with existing course offerings and staff.

We have surveyed our students with General Majors and with Minors (and Majors or Advanced Majors in another Arts subjects) and believe this new program will be very appealing to students who want to do a four-year degree or want to add a double-advanced major in a language/culture program to a specialization in another subject.

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 proposed course-based Advanced Major program in German is a four-year 120 credit hour program. The Single Advanced Major will involve 48 credit hours of coursework in German, 6 credit hours less than the minimum of 54 hours required for the Single Honours program. Unlike in the Single Honours program no specialized 4000 level-courses (defined as Honours courses in the Faculty of Arts) and no Honours Thesis are required, though students of the Advanced Major program will have the choice to take courses on the 4000 level. The Single Advanced Major with co-operative option will involve 45 credit hours of coursework in German. For the Double Advanced Major in German, students will be required to take 42 credit hours of coursework.

B-3 Intended outcomes of the program:

B-3.1 Describe how this program serves and advances the academic, cultural, social and economic needs and interests of students and the province:

An Advanced Single and Double Major in German serves the academic needs and interests of German majors at the University of Manitoba by offering them more options in terms of programs. Students who opt for the Advanced Major can market themselves through their four-year degree to graduate schools (which is not possible with a three-year degree) and potential employers as having received a more in-depth education with substantial academic and experiential engagement (going considerably beyond the basic language and survey culture skills that make up most of their classes in a General B.A. program). The increased flexibility to combine Advanced Majors allows students to gain experience in internationalization and intercultural skills, specific linguistic skills and cultural competency, adding to the expertise from their other Major in the Humanities or Social Sciences. The increased flexibility for study-abroad program (one of the strengths of the Department of German and Slavic Studies) and the co-operative option will both allow students more options and make them better prepared for a future career.

Many German majors, who want to go on to graduate school, do not necessarily aim for an M.A. or PhD in German but for an interdisciplinary program such as European Studies, Human Rights Studies, Migration Studies, Museum and Memory Studies, Genocide Studies among many others. A four-year degree such as the Advanced Major in German will have them much better prepared and strengthen their applications and their chances of gaining admission.

B-3.2 Describe the existing and anticipated post-secondary learning needs of students in Manitoba that this program addresses and responds to:

This program addresses the needs of German majors who would like to receive a more in-depth education and training in the German language and in German Cultural Studies, whether they are going on to pursue graduate studies or to enter the labour market. Given that almost all B.A. programs in German in other provinces are

four-year programs with considerable more credit-hours than the requirements in the three-year General B.A., this program can help to attract and retain students and prepare them better in comparison to students with out-of-province degrees.

B-4 Mode of Delivery

B-4.1 Provide the total program length through **one** of the following measures:

48 Total credit hours in German (for the Single Advanced Major; 45 credit hours for the Single Advanced Major with Co-operative Option, and 42 credit hours for the Double Advanced Major), 120 credit hours total for all degree options.

Total credit hours

Total contact hours

Total courses

B-4.2 What proportion of the total program length (as indicated above) can be completed through the two following modes of delivery? *(Note that one or both selections can be offered up to the total program length.)*

Courses in German program: Currently all courses in the German program are offered in-person (100% as Remote Learning since the beginning of the COVID-19 pandemic in March 2020). The Department/German program plans to revisit its course-offerings after the pandemic. Considering the experiences from Remote Learning Teaching, we will review whether selected courses as Remote Learning (with synchronous online meetings) or Distance Education (mainly a-synchronous) courses can supplement the in-person program for students. There will be no limit on the number of credit hours that can be completed online

Courses outside of German program: There will be no limit on the number of credit hours that can be completed online. Students will be able to complete as many online course offerings (including required and elective courses) as are available.

In-person

Online

B-5 Provide an overview of the suggested progression of courses on a year-by-year basis for the program from start to maturity. *(Course level detail is not necessary, however, please include credit hours/contract hours, proportion of upper level courses, clinical placements or practicums, or subject area requirements where applicable)*

Single Advanced Major (the Double Advanced Major requires 6 credit hours in German less, usually changing the number of credit hours in years 3 and 4; the Single Advanced Major Cooperative Option requires 3 credit hours less in German, usually changing year 4)

In year one, students will complete 30 hours of courses, 6 hours of which will be Introductory level German (GRMN 1120: Beginning German). Students with superior language ability will – instead – second or third year German (GRMN 2100 or GRMN 3200, depending on their ability).

In year two, students will complete 30 hours of courses, 12 hours of which will be in German, usually 6 credit of Intermediate German (GRMN 2100) and 6 credit hours in German cultural studies courses. This includes a survey course either on German Culture before 1918 (GRMN 2130) or on German Culture from 1918 to the Present (GRMN 2120).

In year three, students will complete 30 hours of courses, 15 hours of which will be in German, usually 6 credit of Advanced German (GRMN 3200 = Deutsche Sprachpraxis 1) and 9 credit hours in German contents courses (from the fields of Literature, Culture and Applied Linguistics). This includes their first contents course conducted in German (GRMN 2140: Exploring German Literature) and at least one course from German Cultural Studies on the 3000 level.

In year four, students will complete 30 hours of courses, 15 hours of which will be in German. This includes at least 6 courses on the 3000 level or above. It also includes 6 credit hours of contents courses (from the fields of Literature, Culture and Applied Linguistics) conducted in the German language. At this level, students might also take upper advanced German language courses (max. 6 credit hours) that go beyond the required level of third-year advanced German.

UM INTERNAL REQUIREMENT: please complete the chart below to provide an overview of suggested progression through the program (indicate pre-requisites and related credit hours). Outline options for specializations within this program [minor(s) and/or concentration(s)].

German, B.A. Single Advanced Major (including Co-operative Education Option if selected)

Years 1-4	Hours
48 credit hours of German (of which at least 15 credit hours must be German courses numbered at or above the 3000 level and an additional 21 credit hours at or above the 2000 level) to include:	48
GRMN 1120 Beginning German (A) ^{1,2}	
GRMN 2100 Intermediate German (A) ^{1,2,3}	
GRMN 2120 Introduction to German Culture from 1918 to the Present (C) or GRMN 2130 or Introduction to German Culture from the Beginnings to 1918 (C)	
GRMN 2140 Exploring German Literature (B) or GRMN 2480 or Special Topics in German (B)	
GRMN 3200 Deutsche Sprachpraxis 1 (A) ^{2,3}	
Within the required credit hours in German, 9 credit hours must be from Category B courses and a further 15 credit hours must be from Category B or C courses	
18 credit hours from your Minor area of study as described in that unit's section of the calendar	18
42 credit hours from outside of your Major and Minor areas of study	42
12 credit hours of open electives	12
Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation	
Total Hours	120

CO-OPERATIVE EDUCATION OPTION

Years 3-4		Hours
If the Co-operative Education Option is selected, time to completion will be extended by 12 months and the following three, 1 credit hour work term courses will count toward the open elective credit required in this program:		
ARTS 3010	Arts Co-operative Option 1	1
ARTS 3020	Arts Co-operative Option 2	1
ARTS 3030	Arts Co-operative Option 3	1
Total Hours		3

¹ Students with superior language ability in German, who did not have to complete either GRMN 1120 or GRMN 2100 can replace GRMN 1120 or GRMN 2100 with either 6 credit hours in German courses or with YDSH 1220.

² Students with superior language ability will not be required to complete GRMN 1120 if they complete either GRMN 2100 or GRMN 3200 with a minimum grade of "C".

³ Students with superior language ability will not be required to complete GRMN 2100 if they complete GRMN 3200 with a minimum grade of "C".

German courses are arranged into categories as follows:

- Category A: Language courses
- Category B: Literature, Culture and Applied Linguistics courses conducted in German
- Category C: Literature, Culture and Applied Linguistics courses conducted in English

While completing the courses listed above, students in the B.A. Advanced Degree must satisfy the University's Written English (W) and Mathematics (M) requirements, plus the following Faculty requirements in order to graduate:

Ten Faculty Requirements for Graduating with a B.A. Advanced Degree

1. A student must successfully complete a minimum of 120 credit hours from among the courses acceptable for credit in the Faculty of Arts, with a "C" average or better on the courses that contribute to satisfying all of the B.A. Advanced Degree requirements.

The minimum 120 credit hours of passed coursework must include the remaining nine faculty requirements:

2. At least six credit hours from subject fields designated Humanities, at least six credit hours from subject fields designated Social Science, at least six credit hours from the list of courses that satisfy the Science requirement, and at least three credit hours from the list of courses that satisfy the Indigenous Content requirement.
3. At least six credit hours completed in each of five different subject fields. A subject field may also satisfy other Bachelor of Arts requirements such as Humanities, or Social Sciences, or Sciences, or Indigenous Content, or Mathematics, or Written English.

4. **Single Advanced Major:** 48 credit hours which constitute a Single Advanced Major in one of the subject fields approved by the Faculty of Arts. The student must have a minimum “C” average in courses where a final grade is recorded that are used toward the Major including only the higher grade of any course that has been repeated and excluding any failed course(s). A student who declares a Single Advanced Major must also complete a Minor with the exception of students whose Major is Global Political Economy. Students with an Advanced Major in Global Political Economy will not be required to complete a Minor for purposes of satisfying the degree requirements.

Double Advanced Major: At least 42 credit hours which constitute a Double Advanced Major in each of two subject fields approved by the Faculty of Arts. The student must have a minimum "C" average in courses where a final grade is recorded that are used toward each Major including only the higher grade of any course that has been repeated and excluding any failed course(s). A student who declares a Double Advanced Major will not be required nor allowed to complete a Minor, but must complete the Double Advanced Major in accordance with the requirements as specified by the Major department. A Major may be declared once the prerequisite has been satisfied.

Note: No course can be used to satisfy both the Single Advanced Major and Minor requirement. Similarly no course can be used to satisfy both Double Advanced Majors. Not every department offers a Single or Double Advanced Major. Please refer to department listings and other courses offered in faculties and schools.

5. **Minor:** 18 credit hours which are in a subject field that is different from that of the declared Single Advanced Major, which constitute a Minor approved by the Faculty of Arts. A student who declares a Single Advanced Major must also complete a Minor. A student who declares a Double Advanced Major will not be required nor allowed to complete a Minor. No course can be used to satisfy both the Advanced Major(s) and the Minor requirement. Only one Minor may be declared. A Minor may be declared once the prerequisite has been satisfied.
6. A student who declares a Single Advanced Major with a Minor must have at least 42 credit hours in subjects other than those used towards the Single Advanced Major and Minor. In addition, students in a Single Advanced Major must successfully complete 12 credit hours of coursework in any subject acceptable for credit in the Faculty of Arts including courses in the Major and Minor.
A student who declares a Double Advanced Major must have at least 36 credit hours in subjects other than those used towards their Double Advanced Major subject fields.
7. A student may not declare a Major/Minor combination in both Sociology and Criminology or both Italian and Italian Studies.
8. At least 81 credit hours that have been taught by the Faculty of Arts (may include up to 36 credit hours from the Department of Mathematics or Art History courses considered as Humanities), or which have been accepted on transfer as equivalent to courses taught by the Faculty of Arts.
9. At least 42 credit hours numbered at or above the 2000 level.
10. Residency Requirement: A student in the B.A. Advanced Degree Program must complete University of Manitoba residency requirements (see Residency Requirement).

German, B.A. Double Advanced Major

Years 1-4	Hours
42 credit hours of German (of which at least 12 credit hours must be German courses numbered at or above the 3000 level and an additional 18 credit hours at or above the 2000 level) to include:	42
GRMN 1120 Beginning German (A) ^{1,2}	
GRMN 2100 Intermediate German (A) ^{1,2,3}	
GRMN 2120 Introduction to German Culture from 1918 to the Present (C) or GRMN 2130 or Introduction to German Culture from the Beginnings to 1918 (C)	
GRMN 2140 Exploring German Literature (B) or GRMN 2480 or Special Topics in German (B)	
GRMN 3200 Deutsche Sprachpraxis 1 (A) ^{2,3}	
Within the required credit hours in German, 6 credit hours must be from Category B courses and a further 12 credit hours must be from Category B or C courses	
42 credit hours in the second Advanced Major subject field as described in that unit's section of the calendar	42
36 credit hours from outside both Advanced Major subject fields	36
Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation	
Total Hours	120

¹ Students with superior language ability in German, who did not have to complete either GRMN 1120 or GRMN 2100 can replace GRMN 1120 or GRMN 2100 with either 6 credit hours in German courses or with YDSH 1220.

² Students with superior language ability will not be required to complete GRMN 1120 if they complete either GRMN 2100 or GRMN 3200 with a minimum grade of "C".

³ Students with superior language ability will not be required to complete GRMN 2100 if they complete GRMN 3200 with a minimum grade of "C".

German courses are arranged into categories as follows:

- Category A: Language courses
- Category B: Literature, Culture and Applied Linguistics courses conducted in German
- Category C: Literature, Culture and Applied Linguistics courses conducted in English

While completing the courses listed above, students in the B.A. Advanced Degree must satisfy the University's Written English (W) and Mathematics (M) requirements, plus the following Faculty requirements in order to graduate:

Ten Faculty Requirements for Graduating with a B.A. Advanced Degree

1. A student must successfully complete a minimum of 120 credit hours from among the courses acceptable for credit in the Faculty of Arts, with a "C" average or better on the courses that contribute to satisfying all of the B.A. Advanced Degree requirements.

The minimum 120 credit hours of passed coursework must include the remaining nine faculty requirements:

2. At least six credit hours from subject fields designated Humanities, at least six credit hours from subject fields designated Social Science, at least six credit hours from the list of courses that satisfy the Science requirement, and at least three credit hours from the list of courses that satisfy the Indigenous Content requirement.
3. At least six credit hours completed in each of five different subject fields. A subject field may also satisfy other Bachelor of Arts requirements such as Humanities, or Social Sciences, or Sciences, or Indigenous Content, or Mathematics, or Written English.
4. **Single Advanced Major:** 48 credit hours which constitute a Single Advanced Major in one of the subject fields approved by the Faculty of Arts. The student must have a minimum "C" average in courses where a final grade is recorded that are used toward the Major including only the higher grade of any course that has been repeated and excluding any failed course(s). A student who declares a Single Advanced Major must also complete a Minor with the exception of students whose Major is Global Political Economy. Students with an Advanced Major in Global Political Economy will not be required to complete a Minor for purposes of satisfying the degree requirements.

Double Advanced Major: At least 42 credit hours which constitute a Double Advanced Major in each of two subject fields approved by the Faculty of Arts. The student must have a minimum "C" average in courses where a final grade is recorded that are used toward each Major including only the higher grade of any course that has been repeated and excluding any failed course(s). A student who declares a Double Advanced Major will not be required nor allowed to complete a Minor, but must complete the Double Advanced Major in accordance with the requirements as specified by the Major department. A Major may be declared once the prerequisite has been satisfied.

Note: No course can be used to satisfy both the Single Advanced Major and Minor requirement. Similarly no course can be used to satisfy both Double Advanced Majors. Not every department offers a Single or Double Advanced Major. Please refer to department listings and other courses offered in faculties and schools.

5. **Minor:** 18 credit hours which are in a subject field that is different from that of the declared Single Advanced Major, which constitute a Minor approved by the Faculty of Arts. A student who declares a Single Advanced Major must also complete a Minor. A student who declares a Double Advanced Major will not be required nor allowed to complete a Minor. No course can be used to satisfy both the Advanced Major(s) and the Minor requirement. Only one Minor may be declared. A Minor may be declared once the prerequisite has been satisfied.
6. A student who declares a Single Advanced Major with a Minor must have at least 42 credit hours in subjects other than those used towards the Single Advanced Major and Minor. In addition, students in a Single Advanced Major must successfully complete 12 credit hours of coursework in any subject acceptable for credit in the Faculty of Arts including courses in the Major and Minor.
A student who declares a Double Advanced Major must have at least 36 credit hours in subjects other than those used towards their Double Advanced Major subject fields.
7. A student may not declare a Major/Minor combination in both Sociology and Criminology or both Italian and Italian Studies.
8. At least 81 credit hours that have been taught by the Faculty of Arts (may include up to 36 credit hours from the Department of Mathematics or Art History courses considered as Humanities), or which have been accepted on transfer as equivalent to courses taught by the Faculty of Arts.
9. At least 42 credit hours numbered at or above the 2000 level.

10. Residency Requirement: A student in the B.A. Advanced Degree Program must complete University of Manitoba residency requirements (see [Residency Requirement](#)).

B-6 Will the program be available for part-time study?

Yes, this program will be available for part-time study.

B-7 Indicate if this program will have a cooperative education, work placement, internship or practicum component and provide any relevant details:

Yes, it does. A year ago (starting September 2021), we introduced a co-operative education component for the Single Honours Program in German; and the Single Advanced Major in German will have the same COOP option.

Introducing the co-op option for single four-year programs in German gives students the opportunity to gather valuable work experience during their studies in a wide variety of places of employment without changing the total credit hours. German is a particularly suited program because of the already existing close ties to the German-Canadian community in Manitoba, the Manitoba school system and because of numerous international contacts and organizations like the German DAAD (and equivalents in Austria and Switzerland) that facilitate work programs; introducing the co-op option will utilize these ties for our students and strengthen them even

further. The co-op option further highlights the practical aspect of programs in the Faculty of Arts and responds to the demands of students who choose a work-oriented approach to their studies. It also allows students to develop meaningful skills that will make them stand out on the job market after graduation. Lastly, the practical aspect of the co-op option might be an incentive for students who previously had not considered an Arts/Humanities program and could potentially increase the number of four-year degree students (Advanced Major or Honours) in German.

B-8 Intake Information

B-8.1 Projected enrolment for the first intake: 1 student at the first year level and 1 student in year two or above who wish to move from the general Major to the Advanced Major

B-8.2 Maximum seat capacity (*Defined as first-year enrolment capacity*): 8 (it is not expected to fill up to capacity)

B-8.3 Anticipated date of maturity: by year 4

UM INTERNAL REQUIREMENT: please indicate the projected enrolment and graduates for the first 5 years of the program.

	Year 1	Year 2	Year 3	Year 4	Year 5
Enrolments	2	4	6	6-8	8
Graduates		1	2	5	6-8

C-1 Describe how this new program aligns with the strategic plans of your institution:

This program aligns with several of the five strategic priorities identified for the University of Manitoba in the Strategic Plan for 2015-20. First of all, it relates to the “Inspiring Mind” category: In particular, it sets out to ensure an outstanding educational experience for undergraduate students by supporting a range of liberal arts programs, to provide students with flexible learning opportunities, to increase opportunities for experiential learning, and to enhance student mobility. Among others, the program also links with “building community that creates an outstanding learning and working environment” and “forging connections to foster high impact community engagement.” The new Advanced Major programs will help to optimize our students’ experience as undergraduate students.

C-2 Outline the internal approval process (i.e. committees, governing bodies) for approving this new 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.

UM Undergraduate Programs:

<u>Decision-Making Body</u>	<u>Date of Approval</u>
Faculty/College/School	_____
SCCC	_____
SPPC	_____
SCADM <i>(if applicable)</i>	_____
SCIE <i>(if applicable)</i>	_____
Senate Executive	_____
Senate	_____
Board of Governors	_____

UM Graduate Programs:

<u>Decision-Making Body</u>	<u>Date of Approval</u>
APC <i>(preliminary review)</i>	_____
External Review	_____
APC	_____
FGS Executive	_____
FGS Faculty Council	_____
SPPC	_____
Senate Executive	_____
Senate	_____
Board of Governors	_____

C-3 Responsibility to consult

C-3.1 If this program 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:

N/A

c-3.2 What agencies, groups, or institutions have been consulted regarding the development of this program?

Note: this includes any consultation with internal UM units, academic or otherwise.

We had discussions with the German community in Winnipeg and Manitoba, including the German-Canadian Congress, Manitoba Branch, which expressed strong interest in having more Majors with a four-year degree in German entering the labor market.

c-3.3 How have students and faculty been informed of the intent to establish this program?

Undergraduate students in German have been consulted via their student group, the German Student Association. Faculty members in German Studies have been involved in discussions for the last three years, and we have had substantial individual discussions with our own undergraduate students (specifically General Major and Minor students, as well as Honours students), which showed considerable interest in the more flexible options of the Advanced German Major.

C-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.)*

Note: this includes any programs currently offered at UM.

The University of Winnipeg has offered a small single four-year Major program in German for decades, which is, however, quite different in scope and content. Most importantly, it does not have the interdisciplinary and experiential German Studies profile that the University of Manitoba German program offers. The difference between the two programs is evident by the comparison of the program requirements: a four-year degree student at the UW only needs second-year language courses to fulfill the degree requirement and exactly one 3000-level course. There are also no offerings of content-oriented culture or literature courses conducted in the German language at the University of Winnipeg. All of these conditions are requirements if students want to successfully continue Graduate studies work in German in Canada or internationally.

The University of Winnipeg also do not have any COOP options, Honours or Graduate degrees in German; so the experiential focus of the German Advanced Major at the University of Manitoba will be unique in the Province. The four-year Major students at the University of Winnipeg often make use of courses offered at the University of Manitoba, so that both programs would continue to benefit from each other.

The University of Manitoba already offers a four-year Single Honours Major, along with a Single Honours with a co-operative option, and a four Double Honours degree in German. The new Advanced programs fit in-between the existing options of General Major and Honours program to offer more flexibility and choice for undergraduate students pursuing a German degree. More students will also have the option to pursue graduate education in German Studies or related interdisciplinary fields in Manitoba or elsewhere.

c-4.1 Describe any specific laddering, articulation and/or credit transfer options for students that are anticipated in this program in Manitoba.

The University of Manitoba and the University of Winnipeg have an agreement to recognize each other's credit hours and co-operate in their annual programming to alert students to options at both universities and avoid doubling of any advanced courses.

C-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.)*

Most universities with a German Major are four-year programs General B.A. programs that would be equivalent to an Advanced Major in Manitoba. Consequently, re-introducing the Advanced Major will make University of Manitoba students more competitive Canada-wide. Therefore, an Advanced Major program at the University of Manitoba will bring our department in line with other Canadian German programs and put our students who want to pursue post-graduate education on an equal footing with their counterparts graduating from other universities across Canada.

Only the University of Toronto, the University of Waterloo, Acadia University and the University of Victoria offer different forms of COOP programs; with the exception of the University of Victoria, the option will be new in Western Canada.

Comprehensive list of all programs offering a four-major degree in German across Canada (outside of Manitoba, from East to West)

Memorial University of Newfoundland

Dalhousie University

Acadia University

Bishops University

Université de Montréal

McGill University

York University

University of Toronto

Windsor University

University of Waterloo

University of Western Ontario

University of Alberta

University of Calgary

University of British Columbia

University of Victoria

c-5.1 Describe any specific laddering, articulation and/or credit transfer options for students that are anticipated in this program in Canada.

N/A (Canadian German Studies departments/sections cooperate closely so that credit transfers are very straightforward, if a student transfers or wants to take a class as visiting student elsewhere.)

C-6 Describe the current and projected labour market demands in Manitoba for graduates of this Program:

(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.)

Recent studies have shown that the labor market welcomes graduates from the Humanities for a number of skillsets including cultural competency, critical thinking, problem solving, communication and teamwork, empathy and ethical thinking. A foreign language and culture program adds specific linguistic and intercultural skillsets, as well as international and other experiential learning experiences. This makes graduates that have an Advanced Major German degree as their first or as second supplementary degree attractive for a wide variety of sectors such as Culture, Media, Immigration, Communication, Politics, Global Public Relations, Administration, Education, Public Memory and Museums, and others.

C-7 If copies of any internal or peer evaluations with respect to this new 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:

N/A

SECTION D – REQUIRED RESOURCES AND FINANCIAL IMPLICATIONS

D-1 If one-time or pilot funding are being requested to support this new program of study, please identify the amount of funding being requested:

N/A No funding is needed for support of the new programs, since they are situated between existing programs and will not lead to increases in the number of German courses offered per year.

D-2 If ongoing funding being requested to support this new program of study, please identify the amount of funding being requested:

N/A

D-3 If new funding is not being requested, how will the program be funded?

N/A The program can be taught through existing resources and course offerings, since the Department already offers higher Honours degree options in German. Currently offered upper level German classes have capacity, so that the modest number of students expected to take up the new programs can be fully covered through existing offerings.

D-4 List any external sources of funding that will be used to support the implementation or delivery of this new program of study: *(Provide such information as agreements for funding from industry or external grants and indicate the anticipated length of time for each agreement.)*

N/A

D-5 What are the resource implications to the institution (budget, IT, library, laboratory, computer, space, practicum liability insurance, student services, etc) in delivering this new program of study?

N/A The program can be run with existing courses and the University of Manitoba already offers Honours programs and an M.A. in German so that library resources are sufficient for more advanced programs. There might be some advising costs but with the small number of students expected they can be covered within existing resources.

D-6 Please describe new and existing staffing resources needed to provide this new program of study. *Include reallocation of existing faculty, hiring of new faculty, administrative and support services and any other considerations.*

The German program currently has 4.5 FTE (2 professorial stream, 1.5 language instructors, 1 language and culture instructor). To offer our programs, including the new Advanced Major as well as the Honours and M.A. program, German needs a minimum Faculty complement of 4 FTE. The Department of German & Slavic Studies has currently 1.8 FTE (1.0 Administrative Assistant AA1; 0.8 Office Assistant OA3), shared with the Department of Religion. The new programs require no resources in non-teaching staff positions in the unit.

D-7 Provide a program implementation plan for the new program of study by academic year (start to maturity) that includes any elements to be phased in (e.g., new faculty hires, distribution of existing faculty and support staff) from launch to maturity:

The introduction of the Advanced Major program does not lead to any new needs or costs. There no needs in sessional teaching, since no extra courses are needed. There are no extra costs for advising on the unit level, since the advising can be covered as part of the regular duties by faculty members in the program (thus, no releases / annual course load reductions are needed to run the program).

Year 1 N/A

Year 2 N/A

Year 3 N/A

Year 4 N/A

D-8 Please describe the effect of this new program on existing capital infrastructure and equipment:

N/A

D-9 If capital funding is being requested to support additional specialized program materials such as infrastructure or equipment required to provide this new program of study, please provide a detailed description of the use of this capital:

N/A

SECTION E– TUITION

E-1 What are the proposed tuition fees?

Students will be assessed the per credit hour tuition rate of the teaching unit for each course. Students will be assessed the approved Faculty of Arts credit hour rate for the German-specific courses.

E-2 Please provide a rationale for the tuition fee proposed. *(For example, are these tuition fees comparable to tuition for existing programs within the academic unit or to tuition for similar programs offered at other institutions?)*

N/A

E-3 Please describe any additional fees that would apply to a student in this program?

UM INTERNAL REQUIREMENTS: Please note any new course-fees proposed in support of this program. Please provide a rationale for any new fees. Are these fees comparable to fees for existing programs within the academic unit or for similar programs offered at other institutions?

No new fees are being introduced as part of this proposal. Students will be assessed the general university and faculty fees that apply to all undergraduate students in the Faculty of Arts.

E-4 Please describe any specific supports to encourage affordability and accessibility to the program:

The Department continues to work on fundraising for the new German Studies Prize (targeted at German Majors) via the German Endowment Fund. The Department also has made student support available through awards/scholarships, as well as through additional teaching assistant and research assistant positions, the most important priority of its annual Department budget.

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

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)*:

- | | |
|--------------------------|---|
| <input type="checkbox"/> | Cover letter |
| <input type="checkbox"/> | Program of Study Financial Form |
| <input type="checkbox"/> | Any supporting documentation <i>(reviews, letters of support, etc.)</i> |

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



**Post-Secondary Education and Labour Market Outcomes
Program Proposal Financial Form**

Form Instructions:

1. When proposing a new program *Current Fiscal Year* (the first column) should be left blank, with the first year of the program starting in year 1.
2. When proposing a new program expansion *Current Fiscal* should be entered in the first column.
3. If a program reaches maturity prior to *Fiscal Year 4*, remaining fiscal year columns must still be completed so that *Ongoing Program Funding* can be calculated.
4. Fill in line items for revenue, expenditure, and capital as these pertain to the program. Examples are correspondently listed to the right of the table.
5. Ensure that line items account for overhead. For example, include the amount of tuition that the program will receive after administrative overhead.
6. Only fill out areas shaded in green, using cash accounting. The increment, on-going and total will self-populate accordingly.

Overview	
Institution:	University of Manitoba
Program Name:	German & Slavic Studies, Faculty of Arts
Contact Information:	
Date:	

	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
REVENUE INFORMATION										
Contribution from Institution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tuition	\$ -	\$ 7,909	\$ 7,909	\$ 16,412	\$ 8,503	\$ 25,541	\$ 9,129	\$ 35,332	\$ 9,791	\$ 35,332
Student Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contribution from Unit (Existing Resources)	\$ -	\$ 672,259	\$ 672,259	\$ 695,392	\$ 23,133	\$ 719,335	\$ 23,943	\$ 744,116	\$ 24,781	\$ 744,116
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
Total Revenue (A)	\$ -	\$ 680,169	\$ 680,169	\$ 711,804	\$ 31,636	\$ 744,876	\$ 33,072	\$ 779,448	\$ 34,572	\$ 779,448

MEDT Form

Institution:	University of Manitoba
Program Name:	German & Slavic Studies, Faculty of Arts
Contact Information:	
Date:	

	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
EXPENDITURE INFORMATON										
New Academic Salaries - Direct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Academic Salaries - Direct		\$ 599,671	\$ 599,671	\$ 620,660	\$ 20,988	\$ 642,383	\$ 21,723	\$ 664,866	\$ 22,483	\$ 664,866
New Professional/Support Salaries - Direct		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Professional/Support Salaries - Direct		\$ 33,666	\$ 33,666	\$ 34,844	\$ 1,178	\$ 36,064	\$ 1,220	\$ 37,326	\$ 1,262	\$ 37,326
Operating Expenses		\$ 9,910	\$ 9,910	\$ 9,910	\$ -	\$ 9,910	\$ -	\$ 9,910	\$ -	\$ 9,910
Student Support		\$ 1,400	\$ 1,400	\$ 1,400	\$ -	\$ 1,400	\$ -	\$ 1,400	\$ -	\$ 1,400
Indirect Salary Expenses		\$ 27,612	\$ 27,612	\$ 28,578	\$ 966	\$ 29,579	\$ 1,000	\$ 30,614	\$ 1,035	\$ 30,614
Administrative Overhead		\$ 7,909	\$ 7,909	\$ 16,412	\$ 8,503	\$ 25,541	\$ 9,129	\$ 35,332	\$ 9,791	\$ 35,332
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
Total Expenditures (B)	\$ -	\$ 680,169	\$ 680,169	\$ 711,804	\$ 31,636	\$ 744,876	\$ 33,072	\$ 779,448	\$ 34,572	\$ 779,448

MEDT Form

Institution:	University of Manitoba									
Program Name:	German & Slavic Studies, Faculty of Arts									
Contact Information:										
Date:										
	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
CAPITAL INFORMATON										
Major Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Renovations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furniture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
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			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
Total Capital (C)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue less Expenditures and Capital (A-(B+C))	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ -	\$ (0)	\$ -	\$ 0	\$ -
Funding Request		\$ -		\$ -		\$ -		\$ -		

Application

NEW PROGRAM OF STUDY

Under The Advanced Education Administration Act



Universities and colleges requesting approval for a **new** 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. Following unit approval* please submit the complete proposal electronically (.pdf single file) to both the Office of the Provost & Vice-President (Academic) and, for:
 - Undergraduate Programs:** Office of the University Secretary (for Senate submission deadlines visit <http://umanitoba.ca/admin/governance/meetings/index.html>). Please also submit a **hard copy** version to the Office of the Secretary to their office as well.
 - Graduate Programs:** Faculty of Graduate Studies (for timelines visit http://umanitoba.ca/faculties/graduate_studies/admin/program_approval_timeline.html).
 - ALL Programs:** as preparation for submission to MET, please submit a .docx file of the proposal, an .xlsx file of the Financial Support Form and a .pdf file of all other supporting documents (letters of support, external reviews, etc.). Please date stamp these files for ease of tracking should any changes result from the Senate approval process and submit directly to the Provost's Office.
2. Along with the information requested in the proposal template, please **append** details on the following:
 - a) **MET /SPPC Financial Support Form** [available through the Office of the Provost & Vice-President (Academic)] This form requires the signature of the Financial Planning Office. Please contact Giselle Martel, Executive Director, Financial Planning and Budgeting, for direction on completion of the form. Approval of the financial support form does not signify approval of any funding requests, either internally or from the province. Confirmation of resource availability and allocation of any new funds will be determined by the Provost at time of implementation.
 - b) **Admission and/or transfer criteria** for the proposed program.
 - c) **Course details** for required coursework, including title, course number, credit hours and calendar description. Highlight any proposed new courses and attach:
 - Undergraduate Programs:* for SCCC Program and Course Change forms, as applicable, visit <http://umanitoba.ca/admin/governance/forms/index.html>
 - Graduate Programs:* for course change forms visit http://umanitoba.ca/faculties/graduate_studies/admin/course_changes.html
 - d) Any **new academic regulations** for the program that are not currently addressed in existing faculty/college/school requirements.
 - e) **Letters of support** from internal units that may be impacted by the proposed new program and any external letters of support as outlined below.
 - f) **Library statement** of support.
 - g) Where applicable, a **transition plan** for current students entering the new program.
3. Please direct questions to Cassandra Davidson, Academic Programs Specialist, at Cassandra.Davidson@umanitoba.ca in the Office of the Provost and Vice-President (Academic).



**University
of Manitoba**

*Note: the complete proposal, including all appendices, and associated program and course forms, should be submitted to departmental (as appropriate) and faculty/college/school approving bodies for review and approval, prior to submission to the Office of the University Secretary.

Revised December 10, 2017

Revised October 18, 2017.

SECTION A – PROPOSAL DETAILS

Institution: **UNIVERSITY OF MANITOBA**

Applicable faculties/department with responsibility for the program: Faculty of Arts, Global Political Economy Program

If program is a joint program, list all participating institutions and the roles of each in delivering the proposed program:
N/A

Program name: Honours in Global Political Economy

Credential awarded: BA Honours

Funding request: N/A

Office Use Only

One-time funding: _____

On-going funding: _____

Proposed start date: September 2022 or 2023, depending on approval timelines

List any critical issues that may impact the start date of the program: N/A

UM INTERNAL REQUIREMENT: Name of Person(s) responsible for the Program internally (please include contact information):

Dr. Mark Hudson, Coordinator, Global Political Economy Program, 333 Isbister Building, 204-284-8834 (home); 204-272-1655 (office); 204-963-1603 (mobile). Mark.hudson@umanitoba.ca

B-1 Provide a general description of the program and its objectives: *(Include intended purpose, curriculum design, and highlight distinctive attributes)*

The Global Political Economy Program (GPE) is an interdisciplinary undergraduate degree, with five participating departments in the Faculty of Arts: Sociology and Criminology, Economics, Political Studies, History, and Anthropology. GPE currently offers a three-year General Major, and a four-year Advanced Major.

In response to recommendations resulting from the 2018 External Undergraduate Program Review, GPE is proposing to offer an Honours program. Our expectation is that the vast majority of students pursuing a four-year degree will opt for the Honours program, but we intend to leave the Advanced option in place to gauge student demand. The proposed Honours program will be a four-year program, but will require more coursework in GPE's affiliated disciplines at the 4000 level. 4000 level courses are the most advanced and/or specialized courses in a program, normally taken by Advanced degree and Honours degree students in their final year. Admission to the Honours program will require a minimum 3.0 grade point average and students will be required to maintain a 3.0 DGPA throughout the program. The new program will be very appealing to our Advanced Majors who are already doing work very close to the level required for an Honours degree, and who have expressed through student surveys and in the context of GPE's undergraduate program review a desire for an Honours option. GPE students in the Advanced program already form a close cohort, and this will further strengthen with an Honours degree. It will also streamline and simplify high-performing students' applications to post-graduate programs. For those seeking employment upon completing their degree, an Honours degree will signal that they have successfully achieved the highest level of expertise possible in an undergraduate program. It will expand students' ability to take the Field Placement Seminar (GPE 4510 and GPE 4520), which offers students an opportunity for relevant work experience while doing community- and policy-relevant research.

An Honours Program in GPE offers students advanced, problem-oriented training in an interdisciplinary context. Like other Honours programs offered by the Faculty of Arts, students will develop strong writing abilities and will hone their analysis and argumentation skills, while they acquire a specialized knowledge of global political economy. The GPE program is unique in Manitoba and has only a very small number of comparable programs across the country.

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 proposed course-based Honours program in GPE is a four-year 120 credit hour program. The Honours degree course requirements will be identical to the current Advanced Major with the exception that Honours students will be required to complete 15 credit hours at the 4000 level (while Advanced Major students must complete only 6 credit hours). GPE Honours students will have access to 4000 level courses in GPE's 5 participating departments, the GPE/Labour Studies Field Placement Seminar (GPE 4510 and GPE 4520), as well as contemplating appropriate GPE courses in other cognate units.

B-3 Intended outcomes of the program:

B-3.1 Describe how this program serves and advances the academic, cultural, social and economic needs and interests of students and the province:

A course-based Honours program in GPE serves the academic needs and interests of GPE majors at the University of Manitoba by offering them more options in terms of programs offering advanced preparation. Students who opt for the Honours program can present themselves to graduate schools and potential employers as having received a highly specialized education with substantial academic engagement. With its higher entrance

requirements and higher expectations of performance, the Honours program will attract the very best of our students many of whom are already doing Honours-level work and receiving an Advanced degree. These students typically maintain high grade point averages. A high proportion of our Advanced degree program students do go on to pursue graduate education across Canada and internationally. While our Advanced students are generally quite successful in their graduate school applications, an Honours degree better reflects the nature of the training and education they receive and will make them more competitive for both admissions and funding. This is true for students pursuing professional programs like Law, Business, Communications, or City Planning, as well as those continuing on in the social sciences and humanities. GPE is a problem-focused interdisciplinary degree, designed to train students to understand, analyze, and communicate complex, social, economic, and environmental issues of relevance locally and internationally. An Honours program will enable the expansion of high-competence researchers, analysts, and communicators in the province, capable of contributing to community economic development, as well as policy analysis and development.

B-3.2 Describe the existing and anticipated post-secondary learning needs of students in Manitoba that this program addresses and responds to:

This program addresses the needs of GPE majors who would like to receive deeper interdisciplinary education to address key emergent issues at local and global scales. An Honours program provides a strong foundation and the crucial first step toward the post-graduate training required for many of the careers sought by GPE majors in government, the private sector, or in community and non-governmental organizations. For those entering the labour market immediately post-graduation, the Honours degree will better reflect the high-level work students are already doing in the Advanced degree, provide additional course-based and experiential learning at upper levels, and provide the critical thinking, communication, complex problem-solving, and analytical skills sought by employers.

B-4 Mode of Delivery

B-4.1 Provide the total program length through one of the following measures:

120 Total credit hours

Total contact hours

Total courses

B-4.2 What proportion of the total program length (as indicated above) can be completed through the two following modes of delivery? *(Note that one or both selections can be offered up to the total program length.)*

100% In-person

Online Note: There are no plans for a delineation of number of credit hours according to delivery mode. Students will be able to complete as many online course offerings (including required and elective courses) as are available.

B-5 Provide an overview of the suggested progression of courses on a year-by-year basis for the program from start to maturity. (Course level detail is not necessary, however, please include credit hours/contract hours, proportion of upper level courses, clinical placements or practicums, or subject area requirements where applicable)

The coursework for Honours students is outlined below and a list of courses is appended to this form. All coursework is already being offered for students through the existing GPE degree programs. Those enrolled in the Honours program will be expected to complete more courses at the 4000 level, and to maintain a higher grade point average.

Honours

In year 1, students will take GPE 1700 (3ch); ECON 1010 or ECON 1210 (3ch); ECON 1020 or ECON 1220 (3 ch) plus 6ch of History courses at the 1000 or 2000 level, and POLS 2602

In year 2, students will take GPE 2700 (3ch), ECON 2450 (3ch), ECON 2550 (3ch), ANTH 2000 (3ch) and 6ch of research methods.

In year 3, students will complete GPE 3700, POLS 3270, ANTH 3320, POLS 3250 or ANTH 3750, and 3ch from a list of selected Sociology courses.

In year 4, students will complete GPE 4700 (6ch) plus 9 more credits at the 4000 level in GPE, ECON, POLS, HIST, ANTH, or SOC.

UM INTERNAL REQUIREMENT: please complete the chart below to provide an overview of suggested progression through the program (indicate pre-requisites and related credit hours). Outline options for specializations within this program [minor(s) and/or concentration(s)].

GPE Single Honours

Year 1		Hours
6 credit hours from the following:		6
<u>HIST 1370</u>	Modern World History: 1500-1800 (M)	
<u>HIST 1380</u>	Modern World History: 1800-Present (M)	
<u>HIST 2730</u>	Modern World History, 1914-1945: The 30 Years' Crisis (M)	
<u>HIST 2732</u>	Modern World History, 1945-1992: The Age of Three Worlds (M)	
<u>HIST 2734</u>	Modern World History, 1980-Present: New World Order? (M)	
Select one of the following pairs of Introductory Economics courses:		6
<u>ECON 1010</u> & <u>ECON 1020</u>	Introduction to Microeconomic Principles and Introduction to Macroeconomic Principles	
or both of:		
<u>ECON 1210</u> & <u>ECON 1220</u>	Introduction to Canadian Economic Issues and Policies and Introduction to Global and Environmental Economic Issues and Policies	
<u>GPE/GEOG 1700</u>	Social Justice in the 21st Century: Global Political Economy and Environmental Change	3
<u>POLS 2602</u>	Introduction to Comparative Politics	3
12 credit hours of open electives ^{1,2}		12
Hours		30
Year 2		
<u>ANTH 2000</u>	Culture, Society, and Power ¹	3

<u>ECON 2540</u>	Political Economy 1: Production and Distribution	3
<u>ECON 2550</u>	Political Economy 2: Economic Growth and Fluctuations in a Global Economic Environment	3
<u>GPE 2700</u>	Perspectives on Global Political Economy	3
Select one of the following pairs of courses: ²		6
Both of		
<u>SOC 2292</u> & <u>SOC 2294</u>	Understanding Social Research and Understanding Social Statistics	
or both of:		
<u>ANTH 3930</u> & <u>STAT 1000</u>	Ethnographic Research Methods and Basic Statistical Analysis 1	
3 credit hours from List A		3
9 credit hours of open electives ^{1,2,3}		9
Hours		30

Year 3

Select one of the following:		
<u>ANTH 3320</u>	Women in Cross-Cultural Perspective ¹	3
<u>SOC 3350</u>	Feminism and Sociology Theory ²	
<u>SOC 3810</u>	Sociological Perspectives on Gender and Sexuality ²	
<u>GPE 3700</u>	A Survey of Global Political Economy	3
<u>POLS 3250</u> or <u>ANTH 3750</u>	International Political Economy ³ or Anthropological Perspectives on Globalization and the World-System	3
<u>POLS 3270</u>	Theories of the Capitalist World Order ³	3
Select one of the following:		3
<u>SOC 3380</u>	Power, Politics and the Welfare State	
<u>SOC 3838</u>	Ecology and Society	
<u>SOC 3840</u>	Community and Social Reconstruction	
<u>SOC 3890</u>	Power and Inequality in Comparative Perspective	
3 credit hours from List A		3
12 credit hours of open electives		12
Hours		30

Year 4

<u>GPE 4700</u>	Studies in Global Political Economy	6
9 credit hours of 4000 level credit from the following subject fields: GPE, ECON, POLS, HIST, ANTH, SOC, or courses from other departments with permission of the Program Coordinator.		9
3 credit hours from List A		3
12 credit hours of open electives		12
Refer to the information directly below this list for other important degree requirements students need to complete prior to graduation		

Hours	30
Total Hours	120

- ¹ Students are advised to take [ANTH 1220](#) or [ANTH 1520](#) as an elective in Year 1 as it is the prerequisite for some upper level Anthropology courses. Otherwise, students will require written consent from the Anthropology Department Head prior to registration.
- ² Students are advised to take [SOC 1000](#) as an elective in Year 1 as it is the prerequisite for upper level Sociology courses.
- ³ Students are advised to take [POLS 2502](#) as an elective in Year 2 as it is the prerequisite for upper level Political Studies courses. Otherwise, students will require written consent from the Political Studies Department Head prior to registration.

While completing the courses listed above, students in the B.A. Honours Degree must satisfy the University's Written English (W) and Mathematics (M) requirements, plus the following Faculty requirements in order to graduate:

Four Faculty Requirements for Graduating with a B.A. Honours Degree

It should be noted that not every department has an Honours Degree program. For specific information on available Honours programs, please consult the [specific listing](#) for the relevant department.

Note: Students in an Honours Degree program who satisfy the requirements for a Minor (in accordance with the [Minor](#) requirements listed under the B.A. General Degree, may request to have the Minor recorded on their transcript. These students must come to the Faculty of Arts General Office to formally declare their intention to have their Minor recorded on their transcript.

1. The number of credit hours which a student must successfully complete in order to receive an Honours Degree is 120. Information on the specific course requirements are found under each [department](#).
2. In order to graduate, a student in the B.A. Honours Degree program must satisfy the University of Manitoba [residency requirements](#) and attain a minimum degree grade point average of 3.0.
3. Included among the courses presented for graduation there must be at least six credit hours completed in each of [five different subject fields](#).
4. Among the courses presented for graduation there must be at least six credit hours from subject fields designated Humanities, at least six credit hours from subject fields designated [Social Science](#), at least six credit hours from the list of courses that satisfy the Bachelor of Arts [Science](#) requirement, and at least three credit hours from the list of courses that satisfy the [Indigenous Content](#) requirement.

List A

FACULTY OF ARTS

Course	Title	Hours
Anthropology		
ANTH 2530	Anthropology of Political Systems	3
ANTH 3320	Women in Cross-Cultural Perspective ¹	3
ANTH 3750	Anthropological Perspectives on Globalization and the World-System	3
Economics		

Course	Title	Hours
ECON 2630	An Introduction to the World's Economies	6
History		
HIST 1370	Modern World History: 1500-1800 (M)	3
HIST 1380	Modern World History: 1800-Present (M)	3
HIST 2670	History of Capitalism (M)	3
HIST 2680	A History of Socialism from the French Revolution to the Present (M)	3
HIST 2730	Modern World History, 1914-1945: The 30 Years' Crisis (M)	3
HIST 2732	Modern World History, 1945-1992: The Age of Three Worlds (M)	3
HIST 2734	Modern World History, 1980-Present: New World Order? (M)	3
HIST 3580	Topics in Recent World History (M) ¹	3
Acceptable for credit only when the topic is "Global Economic Crises in World History, 1929-Present"		
Political Studies		
POLS 2502	Introduction to World Affairs	3
POLS 3250	International Political Economy	3
POLS 3810	Introduction to Marxism	3
Sociology and Criminology		
SOC 2240	Sociology of Globalization	3
SOC 3350	Feminism and Sociological Theory	3
SOC 3380	Power, Politics and the Welfare State	3
SOC 3838	Ecology and Society	3
SOC 3810	Sociological Perspectives on Gender and Sexuality	3
SOC 3840	Community and Social Reconstruction	3
SOC 3890	Power and Inequality in Comparative Perspective	3

B-6 Will the program be available for part-time study?

Yes, this program will be available for part-time study.

B-7 Indicate if this program will have a cooperative education, work placement, internship or practicum component and provide any relevant details:

The Labour Studies/GPE Field Placement and Seminar (GPE 4510 and 4520) offer students the option of field placements in appropriate workplaces, including community organizations, non-profits, government, private sector employers, labour unions, think-tanks, or professional associations. Students have the option to take these courses to satisfy the 9 credit hours of 4000-level requirements of year 4.

B-8 Intake Information

B-8.1 Projected enrolment for the first intake: 14 (first year students cannot declare GPE as a major due to prerequisites. We anticipate 1 from the 2nd year cohort, 5 from the 3rd year cohort, and 7 from the 4th year cohort.

B-8.2 Maximum seat capacity (*Defined as first-year enrolment capacity*): 18 students

B-8.3 Anticipated date of maturity: by year one, given that it will be possible for students to apply to the Honours program at different years of their program.

UM INTERNAL REQUIREMENT: please indicate the projected enrolment and graduates for the first 5 years of the program.

	Year 1	Year 2	Year 3	Year 4	Year 5
Enrolments	14	16	16	16	16
Graduates		8	8	8	8

SECTION C – INFORMATION REGARDING PROGRAM DEVELOPMENT PHASE

C-1 Describe how this new program aligns with the strategic plans of your institution:

This program aligns with the first of five strategic priorities identified for the University of Manitoba in the Strategic plan “Taking Our Place.” The priority of “Inspiring Minds” sets out to ensure an outstanding educational experience for undergraduate students by supporting a range of liberal arts programs (among others). Given that an Honours Program in GPE does not require additional resources, but offers students who want to deepen their understanding of Global Political Economy or one of its dimensions with an additional option, it optimizes their experience as undergraduate students.

C-2 Outline the internal approval process (i.e. committees, governing bodies) for approving this new 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.

UM Undergraduate Programs:

<u>Decision-Making Body</u>	<u>Date of Approval</u>
Faculty/College/School	_____
SCCC	_____
SPPC	_____
SCADM <i>(if applicable)</i>	_____
SCIE <i>(if applicable)</i>	_____
Senate Executive	_____
Senate	_____
Board of Governors	_____

UM Graduate Programs:

<u>Decision-Making Body</u>	<u>Date of Approval</u>
APC <i>(preliminary review)</i>	_____
External Review	_____
APC	_____
FGS Executive	_____
FGS Faculty Council	_____
SPPC	_____
Senate Executive	_____
Senate	_____
Board of Governors	_____

C-3 Responsibility to consult

C-3.1 If this program 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:

N/A

C-3.2 What agencies, groups, or institutions have been consulted regarding the development of this program?

Note: this includes any consultation with internal UM units, academic or otherwise.

Faculty of Arts

C-3.3 How have students and faculty been informed of the intent to establish this program?

Undergraduate students in GPE have been consulted via their student group, the GPESA, as well as through surveys of the students conducted prior to the Undergraduate Program review in 2018. The GPE program currently has only one cross-appointed faculty member, but coordinates faculty members who teach and supervise GPE students across the participating departments through a Steering Committee, which also includes a student representative. The Steering Committee has been consulted and agree enthusiastically to the establishment of the Honours option. The creation of an Honours program has been contemplated and discussed for many years, but was spurred on by a strong recommendation to do so from our Undergraduate Program Review undertaken in 2018.

C-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.)*

Note: this includes any programs currently offered at UM.

There are no other Honours degree programs in GPE in Manitoba, nor in any broadly comparable program in the province. GPE, as an interdisciplinary program drawing on the cooperation of 5 departments, is fairly unique. This will be the only program of its kind in the province.

C-4.1 Describe any specific laddering, articulation and/or credit transfer options for students that are anticipated in this program in Manitoba.

Credit transfer options are determined through established processes at the University. Following the current practice, the GPE will continue to work with the Faculty of Arts to assess undergraduate courses from other postsecondary institutions in Manitoba (or elsewhere) for transfer credit on a case-by-case basis.

C-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.)*

GPE is unique both in Manitoba and in Canada. There are a few broadly comparable programs at universities in other provinces. Examples include University of Victoria's Social Justice Studies Program; The Department of Social Justice Education at OISE, University of Toronto; and Athabasca University's BA in Political Economy.

C-5.1 Describe any specific laddering, articulation and/or credit transfer options for students that are anticipated in this program in Canada.

Credit transfer options are determined through established processes at the University. Following the current practice, the GPE will continue to work with the Faculty of Arts to assess undergraduate courses from other postsecondary institutions in Canada for transfer credit on a case-by-case basis.

C-6 Describe the current and projected labour market demands in Manitoba for graduates of this Program:

(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.)

The GPE program provides an interdisciplinary approach to understanding the pressing issues facing societies at local and global scales. GPE students are rigorously trained in conceptualizing connections between global political and economic forces and local issues such as poverty, employment, public health, housing, environmental transformations, economic development, and social inequalities. GPE students develop high-level research, critical thinking, analytical, and communication skills that are and will continue to be relevant and necessary for Manitoba employers. Demand for graduates capable of comprehending the complex, multi-scalar intersections of ecological, social, economic, and political systems is expected to grow significantly. We see this as private and public sector employers scramble to respond to the global coronavirus pandemic, but also as they respond to localized manifestations of global social and economic pressures, and to global environmental concerns such as climate change. Organizations across sectors are increasingly called to confront and address issues like structural racism, the imperative of reconciliation, rising inequality, public health emergencies, and environmental degradation—most critically the crises of biodiversity collapse and climate change. In doing so, they will require people capable of engaging on their behalf with Environmental, Social, and Governance (ESG) issues in order to gain or maintain financing, as well as legal and social licenses to operate. The interdisciplinary problem-oriented skill set of GPE graduates will support the province it aims to build a stable, sustainable society in which all enjoy a shared basis for flourishing. It can also be applied nationally and internationally with intergovernmental organizations, non-governmental organizations, and development agencies as humanity seeks to find a path forward through multiple challenges to achieving the UN Sustainable Development Goals. An informal survey of GPE graduates shows that a high proportion successfully pursue post-graduate work in professional schools and social-science disciplines, and go on to fruitful careers in a huge diversity of fields. A sample of recent graduate careers includes policy analysts working for Transport Canada, Statistics Canada, Global Affairs, the International Institute for Sustainable Development, Environment and Climate Change Canada, outreach and communication specialists working for elected officials, for Treasury Board, or for private sector research firms, City Planners, strategy and programs officers for financial firms, university faculty, financial advisors, Development officers working internationally, and elected officials.

C-7 If copies of any internal or peer evaluations with respect to this new 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:

N/A

SECTION D – REQUIRED RESOURCES AND FINANCIAL IMPLICATIONS

D-1 If one-time or pilot funding are being requested to support this new program of study, please identify the amount of funding being requested:

N/A

D-2 If ongoing funding being requested to support this new program of study, please identify the amount of funding being requested:

N/A

D-3 If new funding is not being requested, how will the program be funded?

The new program will be funded with existing resources and tuition revenue. Additional requirements for the Honours designation are already being offered, and will result in a small increase in course enrolment in existing 4000-level classes.

D-4 List any external sources of funding that will be used to support the implementation or delivery of this new program of study: *(Provide such information as agreements for funding from industry or external grants and indicate the anticipated length of time for each agreement.)*

N/A

D-5 What are the resource implications to the institution (budget, IT, library, laboratory, computer, space, practicum liability insurance, student services, etc) in delivering this new program of study?

No new resources will be required. We anticipate costs to remain similar to current program costs and are not requesting new funds as part of this process.

D-6 Please describe new and existing staffing resources needed to provide this new program of study. *Include reallocation of existing faculty, hiring of new faculty, administrative and support services and any other considerations.*

No new staffing will be required, as all additional course requirements for the Honours program are already offered by the participating departments, or by GPE. There will be some additional workload for individual faculty members teaching existing courses that will experience a small enrolment increase. We anticipate that depending on the number of appropriate 4000-level courses offered in any year, this increase would be between 0 and 4 students for any given 4000-level course. Anticipated administrative and advising support is within the current capacity of the Department and the Faculty of Arts. Currently, GPE has two faculty members with specific teaching duties in GPE. One of these (Dr. Jenner) is cross-appointed with the Department of Economics, and the other (Dr. Hudson) is cross-appointed with Sociology. Dr. Jenner teaches 3 credits per year in GPE, normally GPE 3700. Dr. Hudson teaches 6 credits per year in GPE,

normally GPE 4700. Dr. Hudson also currently serves as the Program Coordinator, for which he receives 3 credits of teaching release. GPE 2700 is co-taught by 5 Instructors, each of whom receives \$850 of additional PDA funds as compensation. Instruction for GPE 1700 is split between faculty in Environment and Geography and the Faculty of Arts, each unit being responsible in alternating years. Required courses for GPE majors that are offered through Economics, Sociology, Anthropology, History, and Political Studies are taught by faculty in those departments. GPE also has 10 hours per week of administrative assistance, through the administrative staff in the Department of Sociology.

D-7 Provide a program implementation plan for the new program of study by academic year (start to maturity) that includes any elements to be phased in (e.g., new faculty hires, distribution of existing faculty and support staff) from launch to maturity:

Our program implementation plan does not involve any changes or additions to our required course offerings. The required and elective courses at each of the 1000, 2000 and 3000 levels remain unchanged, as does the existing requirement of GPE 4700. Students in the current Advanced Degree program who opt for the Honours program will, in their final year, be required to select an additional 9 ch at the 4000 level.

D-8 Please describe the effect of this new program on existing capital infrastructure and equipment:

N/A

D-9 If capital funding is being requested to support additional specialized program materials such as infrastructure or equipment required to provide this new program of study, please provide a detailed description of the use of this capital:

N/A

SECTION E– TUITION

E-1 What are the proposed tuition fees?

The tuition fees will be the same as for other four-year degree programs in the Faculty of Arts. Students will be assessed the per credit hour tuition rate of the teaching unit of each course.

E-2 Please provide a rationale for the tuition fee proposed. (*For example, are these tuition fees comparable to tuition for existing programs within the academic unit or to tuition for similar programs offered at other institutions?*)

N/A

E-3 Please describe any additional fees that would apply to a student in this program?

UM INTERNAL REQUIREMENTS: Please note any new course-fees proposed in support of this program. Please provide a rationale for any new fees. Are these fees comparable to fees for existing programs within the academic unit or for similar programs offered at other institutions?

No new fees are being introduced as part of this proposal. Students will be assessed the general university fees that apply to all undergraduate students in the Faculty of Arts.

E-4 Please describe any specific supports to encourage affordability and accessibility to the program:

Students in GPE will have access to the same supports to encourage accessibility and affordability as other Arts students. GPE also has a modest, program-specific bursary which goes to a GPE major with demonstrated financial need.

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

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)*:

<input type="checkbox"/>	Cover letter
<input type="checkbox"/>	Program of Study Financial Form
<input type="checkbox"/>	Any supporting documentation <i>(reviews, letters of support, etc.)</i>

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



**Post-Secondary Education and Labour Market Outcomes
Program Proposal Financial Form**

Form Instructions:

1. When proposing a new program *Current Fiscal Year* (the first column) should be left blank, with the first year of the program starting in year 1.
2. When proposing a new program expansion *Current Fiscal* should be entered in the first column.
3. If a program reaches maturity prior to *Fiscal Year 4*, remaining fiscal year columns must still be completed so that *Ongoing Program Funding* can be calculated.
4. Fill in line items for revenue, expenditure, and capital as these pertain to the program. Examples are correspondently listed to the right of the table.
5. Ensure that line items account for overhead. For example, include the amount of tuition that the program will receive after administrative overhead.
6. Only fill out areas shaded in green, using cash accounting. The increment, on-going and total will self-populate accordingly.

Overview	
Institution:	University of Manitoba
Program Name:	Global Political Economy (Program), Faculty of Arts
Contact Information:	
Date:	

	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
REVENUE INFORMATON										
Contribution from Institution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tuition	\$ 59,464	\$ 55,366	\$ (4,098)	\$ 65,648	\$ 10,282	\$ 68,110	\$ 2,462	\$ 70,664	\$ 2,554	\$ 70,664
Student Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contribution from Unit (Existing Resources)	\$ -	\$ 214,724	\$ 214,724	\$ 222,046	\$ 7,323	\$ 229,626	\$ 7,579	\$ 237,470	\$ 7,844	\$ 237,470
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
Total Revenue (A)	\$ 59,464	\$ 270,089	\$ 210,626	\$ 287,694	\$ 17,605	\$ 297,735	\$ 10,041	\$ 308,134	\$ 10,399	\$ 308,134

MEDT Form

Institution:	University of Manitoba
Program Name:	Global Political Economy (Program), Faculty of Arts
Contact Information:	
Date:	

	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
EXPENDITURE INFORMATON										
New Academic Salaries - Direct	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Academic Salaries - Direct	\$ 168,670	\$ 178,570	\$ 9,900	\$ 184,820	\$ 6,250	\$ 191,288	\$ 6,469	\$ 197,983	\$ 6,695	\$ 197,983
New Professional/Support Salaries - Direct		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Professional/Support Salaries - Direct	\$ 3,042	\$ 3,042	\$ -	\$ 3,148	\$ 106	\$ 3,259	\$ 110	\$ 3,373	\$ 114	\$ 3,373
Operating Expenses	\$ 5,500	\$ 5,500	\$ -	\$ 5,500	\$ -	\$ 5,500	\$ -	\$ 5,500	\$ -	\$ 5,500
Student Support		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Salary Expenses	\$ 4,250	\$ 27,612	\$ 23,362	\$ 28,578	\$ 966	\$ 29,579	\$ 1,000	\$ 30,614	\$ 1,035	\$ 30,614
Administrative Overhead	\$ 7,771	\$ 55,366	\$ 47,595	\$ 65,648	\$ 10,282	\$ 68,110	\$ 2,462	\$ 70,664	\$ 2,554	\$ 70,664
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
Total Expenditures (B)	\$ 189,233	\$ 270,089	\$ 80,856	\$ 287,694	\$ 17,605	\$ 297,735	\$ 10,041	\$ 308,134	\$ 10,399	\$ 308,134

MEDT Form

Institution:	University of Manitoba									
Program Name:	Global Political Economy (Program), Faculty of Arts									
Contact Information:										
Date:										
	Current Fiscal Year	Fiscal Year 1	Increment	Fiscal Year 2	Increment	Fiscal Year 3	Increment	Fiscal Year 4	Increment	Ongoing Program Funding
	(Enter 0's if new program)	Budget Yr. 1	(change from current year to year 1)	Budget Yr. 2	(change from year 1 to year 2)	Budget Yr. 3	(change from year 2 to year 3)	Budget Yr. 4	(change from year 3 to year 4)	
CAPITAL INFORMATON										
Major Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Renovations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Furniture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
			\$ -		\$ -		\$ -		\$ -	\$ -
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Total Capital (C)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue less Expenditures and Capital (A-(B+C))	\$ (129,769)	\$ -	\$ 129,769	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Funding Request		\$ -		\$ -		\$ -		\$ -		\$ -



Proposal for New Micro-Diploma

Please complete the form below and append supporting documents, as appropriate. Electronic copies of the completed proposals are to be submitted to the Office of the University Secretary and the Deputy Provost (Academic Planning and Programs) following endorsement of the proposal by the appropriate Faculty/ College/School/Division Council.

It is advised that units initially discuss the proposed program with the Deputy Provost (Academic Planning and Programs) for undergraduate-level Micro-diplomas or with the Dean of the Faculty of Graduate Studies for graduate-level Micro-Diplomas prior to completion and submission of the proposal form. Please refer to the [UM Certificate and Diploma Framework](#) detailing the requirements for micro-diploma programming.

Section A: Proposing Unit

Faculty/School/College/Division: Faculty of Arts

Department (where applicable): Labour Studies

Contact, Name and Title: Greg Smith, Associate Dean, Curriculum

Contact Email: Greg.Smith@umanitoba.ca

Section B: Program Overview

1. **Program Type:** Micro-diploma Graduate Micro-diploma
2. **Program Name:** Micro Diploma in Workplace Health and Safety
3. **Credential Awarded:** Micro Diploma in Workplace Health and Safety
4. **Program Length (contact hours):** 9 credit hours
5. **Proposed Start Date:** May 2022

Section C: Program Description and Delivery

6. **Description of Program** (Provide a general overview of the program, its objectives, and the intended purpose of the program.)

The Micro Diploma in Workplace Health and Safety is comprised of a suite of three interrelated, specialized courses (Labour Studies 3050 Issues in Occupational Health and Safety and Workers' Compensation; Labour Studies 3060 Workplace Health and Safety; and, Labour Studies 3070 Labour Relations and Occupational Health and Safety Law).

The objective of the Micro Diploma is to provide students with a comprehensive analytical understanding of the subject, including the ability to think critically about current and emerging issues in the field, as well as relevant practical skills. It will allow students who complete these three courses, either as part of their degree programs, or as a stand-alone set, to make their knowledge of health and safety visible via a credential.

This micro diploma will provide all learners with a means to acquire a university-level understanding of the subject and a credential that demonstrates their knowledge.

7. Intended Outcomes

(Outline the expected outcomes of the program and how it will benefit students.)

Upon completion of the MDWHS, students will be able to:

1. Recognize workplace hazards and occupational diseases and their causes, and understand principles and practices to address and prevent them, including risk management and due diligence
2. Analyze legal, economic and political issues surrounding health and safety in the Canadian workplace
3. Understand the Workers' Compensation and Workplace Health and Safety systems and critically assess their functioning and value
4. Critically assess the role of workers, employers, governments and unions with respect to health and safety in non-unionized and unionized workplaces
5. Demonstrate the application of legislation, regulations and workplace policy to various areas of workplace health and safety

The creation of the micro diploma will assist with future certification by the Board of Canadian Registered Safety Professionals. Student will be able to present the credential to current or future employers to demonstrate a specialized knowledge of workplace health and safety issues.

8. Program Structure

a) Coursework

(Provide a list of courses, including elective courses, required to complete the program. Outline how students are to progress through the program. Indicate whether proposed coursework is currently offered or new, noting any pre-requisite details where applicable. Append course details, including a list of all course descriptions for existing and proposed courses, and course introduction forms for proposed new courses.)

The MDWHS consists of 9 credits of coursework:

- LABR 3050
- LABR 3060
- LABR 3070

All courses are currently in the Academic Calendar.

Students who have satisfied the stated prerequisite courses may enroll in the normal manner.

Students with potentially sufficient preparation through relevant workplace experience or other relevant preparation for admission to the courses, but lacking the formal prerequisite courses, may contact the Labour Studies Coordinator to seek written permission to enroll.

Students may complete the program by completing the courses within four years of declaring intent to begin the Micro Diploma.

b) Experiential Learning or Work-Integrated Learning Opportunities

(Where applicable, briefly describe any experiential learning or work-integrated-learning opportunities within the program.)

N/A

9. Academic Regulations

(Detail any new academic regulations for the program that are not addressed in existing Faculty/School/College/Division regulations. For graduate-level micro-diplomas, append revised supplemental regulations.)

Does the program allow part-time study: Yes No

10. Entrance Requirements

(Detail program specific entrance requirements for the program that are in addition to the minimum university entrance requirements. Please refer to the [UM Certificate and Diploma Framework](#) for minimum requirements.)

In order to enter the MDWHS, current students are required to be in good academic standing within any degree program at the University of Manitoba.

Current students

The entrance criteria are: registration and good academic standing in any current degree program at the University of Manitoba.

11. Recognition for Credit¹

(Outline how completion of this program may be recognized and used to satisfy requirements in other programs. Describe whether the program is stackable or whether it can be laddered into other programs². Append letters of support, as appropriate. See *Request for Support* form at <https://umanitoba.ca/governance/forms>.)

Completion of the MDWHS for current students will be noted on the transcript upon completion of the micro diploma requirements.

The courses may be used also as part of the requirements for a Minor or Major in Labour Studies.

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.

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.

12. Mode of Delivery

This program is available: In-person On-line Combination:

Section D: Program Development and Demand

13. Alignment with Strategic Direction and Priorities

(Comment on how the program fits within unit level and institutional strategic priorities and plans.)

This credential offers a concentration of study in an area that is important to every workplace. The credential can provide a pathway for returning learners to upskill, even if they are not intending to pursue a degree. It promotes lifelong learning and helps prepare Manitobans for new workplace challenges.

The creation of this micro diploma flows from the University's mission of contributing to the "social and economic well-being of the people of Manitoba, Canada and the world." It contributes to promoting the University of Manitoba as an opportunity for community members to develop their knowledge and skills and to pursue their interests. It also increases engagement between the University and communities connected to the institution's academic mission.

¹ Credit recognition of a micro-credential in another program is subject to Senate approved program regulations. Units are encouraged to review degree requirements and regulations and submit any necessary revisions concurrent with the program proposal.

² Stackable credentials are credentials that are modular in nature, and when combined with others, result in the awarding of a larger credential; laddering of credentials is when one credential articulates into another resulting in students receiving established credit within the program, shortening the path to program completion.

14. Student Demand for Program

a. Outline expected student demand and interest in the program.

It is anticipated this additional credential recognition will be of interest to current students in a Labour Studies degree seeking acknowledgement of this concentrated group of interrelated courses.

Students from other Faculties or Schools interested in the Workplace Safety and Health Micro Diploma should be in good academic standing and should confirm with their home unit how these courses may be used toward their degree program.

b. What is the expected enrolment in the program?

10

c. What is the maximum capacity, if applicable? (Defined as first-year enrolment capacity.)

35

15. Community and Industry Need

(Describe the current community and/or industry need for the program.)

Manitoba has a number of industry-specific health and safety programs certified by SafeWork Manitoba (see: <https://www.safemanitoba.com/Education/Pages/Events.aspx>). They will also be well-prepared for government employment in the field (e.g. SafeWork Manitoba and other parts of the Manitoba Workers' Compensation Board), for a range of health and safety and risk management jobs in the private sector, and for union health and safety staff positions.

16. Internal Consultation

(Outline the results of internal consultations, including (i) relevant departments/faculties/colleges/school in respect to use of courses and/or recognition of credit; (ii) the libraries to determine resource needs; (iii) the Office of the Registrar and Enrolment Services to determine system needs; and (iv) other units in relation to resource needs, as appropriate. Append letters of support, as appropriate. See *Request for Support* form at <https://umanitoba.ca/governance/forms>)

The unit and the Faculty of Arts have consulted with the Offices of the Provost, Registrar, Enrollment Services, and the UM Libraries.

How have faculty, staff and students within the unit been consulted as part of the process?

The unit has held internal discussions, and worked in conjunction with the Faculty of Arts. The proposed program will be reviewed and approved by CPAC and the Arts Faculty Council prior to being reviewed by 4Cs in the Fall of 2021.

17. External Consultation

(Outline any consultations with community and industry partners, and other external stakeholders in the development of this program. Append letters of support, as appropriate.)

N/A

Section E: Resource Requirements

18. Projected costs (For each of the sections below, outline the resource requirements for the program.)

a. Staffing Requirements

(Comment on the staffing requirements to deliver the program, including instructional, administrative, or advising requirements. Indicate whether any new staffing resources are required to deliver the program.)

The courses are taught regularly by the unit. Staffing is covered by the Faculty of Arts.

b. Infrastructure/Equipment/IT Requirements

(Comment on how the proposed program will impact on the use of current infrastructure, equipment, and IT resources, including student systems.)

Normal student use.

c. Library Resources

(If the program requires new courses or courses that are not offered on a regular basis, comment on the adequacy of existing library resources. Append a letter of support from the Libraries.

Existing library resources will be sufficient.

d. Other Resources

(Outline any other resources required for on-going delivery of the program. This could include, but is not limited to, costs associated with supplies and administrative costs, travel costs, and/or marketing costs.)

The Faculty of Arts is considering the possible administrative costs in tracking students in the MDWHS.

Resource needs for creating new program categories in Aurora/Banner in the RO may be required.

19. Program Funding

(Outline how the program will be funded and indicate whether new funds are required for the program. If yes, provide details.)

Tuition revenue to the Faculty by course enrollments will partially support the marginal costs of advertising and administering the MDWHS.

No new resources are required for this program.

Section G: Appendices

As appropriate, please append the following:

- i) List of courses with course calendar descriptions, highlighting new courses. ii) Course introduction forms for proposed new courses.
- iii) Revised supplemental regulations and BFARS, as appropriate (*graduate microdiplomas only*)
- iv) Internal letters of support (See *Request for Support* form at <https://umanitoba.ca/governance/forms>), including letter of support from Libraries.
- v) External letters of support.

G. i) List of Required Courses

LABR 3050 Issues in Occupational Health and Safety and Workers' Compensation 3 cr

This course will explore historical, legal and political issues surrounding health and safety in Canadian workplaces with an emphasis on Manitoba. It will critically examine both the Workers' Compensation and the Workplace Health and Safety systems as they currently exist and review the role of workers, employers, unions and government in these processes. It will investigate various challenges and emerging issues in health and safety including but not limited to industrial disease, gender concerns, precarious employment and globalization.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisite: [a grade of "C" or better in three credit hours of 1000 level Labour Studies] or [a grade of "C" or better in both [HRIR 3450](#) and an additional 6 credit hours of HRIR courses] or written consent of the Labour Studies coordinator.

LABR 3060 Workplace Health and Safety 3 cr

An introduction to occupational health, industrial hygiene and industrial safety emphasizing the impact of chemical hazards on the body, the measure and control of hazards and the causes and prevention of industrial accidents.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisite: [a grade of "C" or better in both [LABR 1260](#) (the former LABR 1270) and [LABR 1290](#)] or [a grade of "C" or better in both [HRIR 3450](#) and 6 credit hours of other HRIR courses] or written consent of the Labour Studies coordinator.

LABR 3070 Labour Relations and Occupational Health and Safety Law 3 cr

The economic costs of workplace injuries and sickness; the history of occupational health and safety laws and their implementation; the history and functions of workers' compensation; collective bargaining on health and safety.

PR/CR: A minimum grade of C is required unless otherwise indicated.

Prerequisite: [a grade of "C" or better in both [LABR 1260](#) (the former LABR 1270) and [LABR 1290](#)] or [a grade of "C" or better in both [HRIR 3450](#) and 6 credit hours of other HRIR courses] or written consent of the Labour Studies coordinator.

PRESIDENT'S REPORT TO THE BOARD OF GOVERNORS
January 25, 2022

GENERAL

The University of Manitoba was awarded its highest ever amount of research funding in the 2020/21 fiscal year. A total of \$231 million in grants and contracts was delivered to UM to support research in every discipline, making an impact in areas such as climate change, responding to the COVID pandemic, Indigenous languages, food security, human rights and social justice, reconciliation, and more. In turn, this leads to new knowledge, new ideas and helps grow the economy of the province.

Funding came from a number of sources, including the Tri-Agencies (Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Social Sciences and Humanities Research Council (SSHRC)), as well as directly from federal and provincial departments. A further breakdown shows that \$114.2 million came from the federal government; \$15.8 million came from the provincial government; and \$101 million came from industry, non-for-profit organizations, foundations, and the City of Winnipeg.

In addition to directly funding research and the work of early-, mid- and established-researchers at UM, these awards also support graduate students, postdoctoral fellows, research associates, and many undergraduate students through employment.

The University's commitment to consult with Indigenous communities, including the Indigenous Academic community, to develop an Indigenous declaration practice that respects Indigenous communities' frameworks for citizenship and membership has begun with the establishment of the Indigenous Identity Consultation working group. Three co-leads (Ovide Mercredi, Marti Ford, Barbara Bruce) have joined the process to address claims of Indigenous identity and are assisting in setting up the working group that will commence meetings this month.

Ongoing engagement with provincial and federal governments continued in December 2021 and January 2022 with meetings of President Michael Benarroch and Vice-President (Research and International) Digvir Jayas with Terry Duguid, Parliamentary Secretary to the Minister of Environment and Climate Change and of the U15 with François-Philippe Champagne, federal Minister of Innovation, Science and Industry. This also included participation in the announcement of the provincial commitment to [expand the nursing program](#) and the [commemoration](#) with Manitoba Health and Seniors Care Minister Audrey Gordon of the anniversary of the first COVID-19 vaccination on December 16.

REPORT OF THE VICE-PRESIDENT (RESEARCH AND INTERNATIONAL)

- Further clarification was provided to researchers regarding President Benarroch's email to the university community on December 20, 2021 that *"from now until the end of Winter Term break on February 26, 2022, all non-essential activity will continue remotely. Effective immediately, we are asking staff to work remotely and for course activity to be moved to remote delivery wherever possible. Limited in-person activity may continue if required and there is no reasonable remote alternative."*

Research activities can continue at this time in the labs as well as remotely to the extent possible in compliance with the provincial Public Health and as recommended by CRSC and approved by PET. Details on the current COVID-19 guiding principles, processes for requesting access and preventative measures are available in the updated Researcher FAQs section of the COVID-19 webpage.

- On October 26, Christine Vaccaro, who will graduate as a pharmacist in 2023, is playing a role in a globally unique program to help Manitobans quit smoking. The program, to be launched in January 2022, will pay pharmacies for assessment, prescribing, counselling and follow-up sessions that pharmacists do with patients. It will be managed by Pharmacists Manitoba, the non-profit advocacy body for pharmacists in the province.

Every patient who participates in Quit Smoking with Your Manitoba Pharmacist is eligible to receive up to \$100 in nicotine-based therapies, such as patches, or in the prescription drug varenicline. The program is being funded through what is believed to be the world's first social impact bond for smoking cessation. A social impact bond is a partnership in which, generally, a private investor funds a new government program delivered by a service provider. The private investor for this bond is Shoppers Drug Mart, which will invest \$2 million.

- On November 19, eight outstanding graduate students were awarded the Dean of the Rady Faculty of Health Sciences Graduate Student Achievement Prize. The award recognizes exceptional academic achievement, strong leadership skills and notable personal service of graduate students in the Dr. Gerald Niznick College of Dentistry, Max Rady College of Medicine, College of Nursing, College of Pharmacy and College of Rehabilitation Sciences.

The Prize winners are:

- Corrine Clyne, a master of occupational therapy student in the College of Rehabilitation Sciences, is focused on understanding how the Western term “frailty” fits in relation to older First Nations adults. She said her professors have contributed to her success by being supportive throughout the program.
- Dr. Vivianne Cruz de Jesus, a PhD candidate in the department of oral biology at the Dr. Gerald Niznick College of Dentistry, is focused on understanding the role of taste genetics and oral microbes in the development of oral and systemic diseases, with an emphasis on severe childhood tooth decay. She said her supervisors have contributed to her achievements by providing opportunities to learn new research techniques, collaborate with other research teams and engage in leadership roles.
- Kailey Evans, who graduated in Fall 2021 with her master of physical therapy at the College of Rehabilitation Sciences, said she was overwhelmed and honoured to have been selected for the prize. She is passionate about working with older adults and has been a dedicated volunteer with them over the years.
- John Jackson, a PhD student in the College of Nursing, is researching how the amalgamation of nursing regulators affects the discipline of nursing. He said that it is a great honour to receive the prize and that his advisor, Dr. Elsie Duff, has been a great support.

- Alekhya Lavu, a PhD student in the College of Pharmacy, specializes in drug safety and pharmacoepidemiology, with a research program that focuses on medications in pregnancy and neonatal safety outcomes. She said that winning the prize has boosted her confidence and motivated her to keep going.
- Toby Le, a PhD student in the department of medical microbiology and infectious diseases at the Max Rady College of Medicine, is exploring how DMPA, a commonly used birth control, is potentially linked to an increased risk for HIV infection. He said that this recognition wouldn't be possible without the continued support and guidance from his peers and mentors in the Fowke Lab.
- Michaela Palmer, a master of science in genetic counselling student at the Max Rady College of Medicine, is focused on gaining a better understanding of the abnormal processes driving colorectal cancer development so that they can be exploited with new treatments to improve the lives and outcomes of those living with the disease. She said that the gratitude she feels has motivated her to pursue leadership, volunteering, community engagement and social accountability experiences to help others in the ways they have helped her.
- Andrea Toews, a master's student in the College of Nursing, is researching how to best support health-care teams through the use of clinical debriefings after providing CPR. Throughout the COVID-19 pandemic, she has been working as a nurse in intensive care units and she said the experience has put her in a unique position to bring understanding and awareness to her research topic.
- On December 7, Dr. Meghan Azad, an international expert on how children's experiences in the womb and during infancy shape lifelong health, was recently honoured as one of **Canada's Top 40 Under 40** for 2021. The annual awards given by Caldwell, an executive search firm, recognize exceptional achievement by 40 outstanding Canadians under the age of 40. Recipients are assessed on their vision and innovation, leadership, impact and influence, and social responsibility. Azad holds a Canada Research Chair in the developmental origins of chronic disease. She is an associate professor in the departments of pediatrics and child health, community health sciences, and immunology in the Max Rady College of Medicine, an adjunct professor in food and human nutritional sciences in the Faculty of Agricultural and Food Sciences as well as a researcher with the Children's Hospital Research Institute of Manitoba.
- Sixty-four research projects led by thirty-four PIs received a total of 8,986,403.51 in grant funding from a variety of sponsors. Those projects receiving more than \$25,000 are:

PI	Sponsor	Title	Awarded Amount
Lin, Francis (Physics and Astronomy)	American Association of Immunologists, Inc.	Developing a microfluidic device for the study of cytokine and lipid mediators in modulating neutrophil infiltration at the lung epithelial-vascular interface in activated and hyperinflammatory conditions	\$69,060.10

O'Neil, Liam (Internal Medicine)	Arthritis Society	Dysregulated neutrophil extracellular trap formation in Rheumatoid Arthritis	\$298,400.00
Frogner, Raymond (Archives and Special Collections)	Canada Foundation for Innovation (CFI)	NCTR Digital Architecture	\$2,411,773.0 0
Armstrong, Heather (Internal Medicine)	Canada Research Chairs Program	Canada Research Chair in Integrative Bioscience	\$310,000.00
Wilkinson, Lori (Sociology)	Canada Research Chairs Program	Canada Research Chair in migration futures	\$686,021.00
Austin-Smith, Brenda (English, Film, and Theatre)	Canadian Association of University Teachers	Screening Feelings in Film and Television	\$40,333.35
Doucette, Christine (Physiology & Pathophysiology)	Canadian Diabetes Association	Breaking the intergenerational cycle of gestational diabetes and increased offspring type 2 diabetes risk by restoring circadian rhythms	\$100,000.00
McGavock, Jonathan (Pediatrics and Child Health)	Canadian Diabetes Association	Dialectal behavioural therapy to enhance health behaviour change and prevent type 2 diabetes in adolescents: A pilot randomized trial	\$100,000.00
Leong, Christine (Pharmacy)	Canadian Foundation for Pharmacy	Mental health first aid training in community pharmacy practice: An evaluation of the value and impact of mental health first aid training on patient care from the perspective of pharmacists and the public	\$48,250.00
Afifi, Tracie (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	Understanding and responding to self- perceived stressors among parents and youth due to the COVID-19 pandemic: informing an evidence-based public health approach	\$141,720.00

Driedger, S. Michelle (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	Structural harms and COVID-19 policy responses in Manitoba: Exploring the experiences of Red River Metis	\$499,860.00
Alan Katz (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	Understanding of long COVID using a health system database with the aim of improving the definition of the condition, determining its predictors and how many are affected by it	\$200,000
Ruey-Chyi Su (Medical Microbiology)	Canadian Institutes of Health Research (CIHR)	Investigation of how the binding of the spike proteins of various coronavirus variants to the host-cell receptor known as ACE2 affects viral spread and mortality rates	\$430,000
Kothe, Ute (Chemistry)	Canadian Institutes of Health Research (CIHR)	Identifying critical RNA-RNA interactions during ribosome biogenesis	\$538,220.31
Lorway, Robert (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	Understanding and strengthening vaccine confidence among temporary foreign workers in Manitoba: A community-based participatory approach	\$199,100.00
Myal, Yvonne (Pathology)	Canadian Institutes of Health Research (CIHR)	The role of prolactin inducible protein, PIP, in promoting breast cancer metastasis in the lung	\$60,000.00
Protudjer, Jennifer (Pediatrics and Child Health)	Canadian Institutes of Health Research (CIHR)	vACcine COncidence amongst those living with alleRgy during the coviD pandemic (ACCORD): An integrated knowledge translation study	\$200,000.00
Protudjer, Jennifer (Pediatrics and Child Health)	Canadian Institutes of Health Research (CIHR)	NOURISH-US: patieNt-Oriented research to Understand and addResS Inequities of food accesS and insecurity amongst Households managing food allergy – a Unique intervention Study	\$110,000.00
Roos, Leslie (Psychology)	Canadian Institutes of Health Research (CIHR)	An mHealth intervention and community partnership to promote mental health in children born to mothers with depression and psychosocial stress during COVID-19: A randomized controlled trial	\$150,000.00

Rueda, Zulma (Medical Microbiology and Infectious Diseases)	Canadian Institutes of Health Research (CIHR)	Covid-19 Pandemic Concealing a Syndemic of Concern: Sex and Gender, Methamphetamine and Sexually Transmitted and Blood Borne Infections (STBBIs) in People Living with HIV. Are we heading towards a post-Covid-19 STBBIs tsunami	\$361,400.00
Sharif, Tanveer (Pathology)	Canadian Institutes of Health Research (CIHR)	Therapeutic exploitation of metabolic rewiring in tumor heterogeneity	\$60,000.00
Shaw, Souradet (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	SCaPE Study: Syphilis in the Canadian Prairies Epidemiological Study	\$99,865.00
Shaw, Souradet (Community Health Sciences)	Canadian Institutes of Health Research (CIHR)	The landscape of risk: Examining the correlates of inequitable COVID-19 infection and vaccination rates in Manitoba using population-based laboratory and administrative healthcare data	\$239,942.00
Shen, Garry (Internal Medicine)	Canadian Institutes of Health Research (CIHR)	To assess the impact of COVID-19 on prenatal education and pregnancy outcomes in mothers and children in remote First Nations communities in Manitoba	\$150,000.00
Myal, Yvonne (Pathology)	Cancer Research Society, Inc.	The role of prolactin inducible protein, PIP, in promoting breast cancer metastasis in the lung	\$60,000.00
Sharif, Tanveer (Pathology)	Cancer Research Society, Inc.	Therapeutic exploration of metabolic rewiring in tumor heterogeneity	\$60,000.00
Pascoe, Chris (Physiology & Pathophysiology)	Children's Hospital Research Institute of Manitoba (CHRIM)	Mechanistic exploration into the association between exposure to maternal diabetes and risk of asthma	\$26,000.00
Ghia, Jean-Eric (Immunology)	Crohn's and Colitis Canada	Function of follicular dendritic cell secreted protein in ulcerative colitis	\$50,000.00

Salman, Michael (Pediatrics and Child Health)	Foundation Fighting Blindness Canada	Investigating risk factors and prognosis in patients with septo-optic dysplasia and optic nerve hypoplasia	\$57,171.00
Kazem Moussavi, Zahra (Electrical and Computer Engineering)	Mitacs Inc.	Augmented Virtual Reality Interactive Training Program, with focus on older adults for Improving their Cognitive Function	\$60,000.00
Szturm, Tony (Physical Therapy)	Mitacs Inc.	Computer Game-Based Rehabilitation Platform Targeting Manual Dexterity: Transitioning Clinical Programs to Community	\$120,000.00
Kothe, Ute (Chemistry)	Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program	Mechanism and function of tRNA modification and folding	\$220,646.94
Kothe, Ute (Chemistry)	Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Accelerator Supplements	Mechanism and function of tRNA modification and folding	\$80,000.00
Ormiston, Scott (Mechanical Engineering)	Natural Sciences and Engineering Research Council of Canada (NSERC)	Computational fluid dynamics modelling aerosol removal in a strongly condensing environment	\$52,174.00
Kowalec, Kaarina (Pharmacy)	University of North Carolina at Chapel Hill	A trans-nordic study of extreme major depression	\$122,616.81
Linovski, Orly (City Planning)	University of Toronto	Mobilizing justice	\$32,850.00
Nickerson, Peter (Internal Medicine)	Winnipeg Rh Institute Foundation Inc	Expanding the pool of deceased kidney donors and kidney transplant recipients in Manitoba	\$25,000.00

Arino, Julien (Mathematics)	York University	One health modelling network for emerging infections	\$45,000.00
Portet, Stephanie (Mathematics)	York University	One health modelling heath network for emerging infections	\$40,000.00

REPORT OF THE VICE-PRESIDENT (INDIGENOUS)

- The 2021 Migizii Agamik Holiday Hamper initiative provided \$28,500 to 130 students provided aid to 472 people. The ISC team organized 83 deliveries and the rest were picked up or mailed. We thank Access, the Extended Education Social Committee, The Faculty of Arts, The Department of Native Studies, the Indigenous Student Centre and the Vice-Provost (Student Affairs) for their contributions.
- 2022 Indigenous Awards of Excellence open for nominations - due February 4, 2022.
- 2022 Indigenous Initiatives Fund – Proposals are due February 18, 2022.
- Efforts to staff the portfolio continue; failed recruitment searches for two existing vacant positions have prompted these positions to be re-evaluated. The Graduate Student Success Coordinator position will be moved from the Indigenous Student Centre to the management of the AVP of Scholarship, Research and Curriculum.
- The graduation Powwow has been scheduled for May 7, 2022.
- Virtual Survivor Event - Missing Children & Unmarked Burials (Slaight Foundation) – March 2022
The NCTR will host a virtual Community Roundtable on Missing Children and Unmarked Burials. Following the discovery at the former Kamloops Indian Residential School site, many Indigenous leaders and organizations are beginning to look into searching other residential school sites and there is a keen interest by Indigenous communities to gather virtually to foster inter-community learning and supports.
- The NCTR Archives:
 1. Finalized contract with the National Film Board to create professional standard preservation and access copies of all the NCTRs Survivor statements.
 2. Finalized the setup of the data repositories for Indigenous communities to use as they investigate unmarked burials. Title of repositories is “Our Relations.”
 3. Completed the digital processing for preservation of all sets of records the TRC collected from religious entities. This is part of the DPAS project.
 4. Negotiated the transfer of school narratives from CIRNA to the NCTR. Includes, in addition to the narratives, one million additional GoC records. Finalized file transfer protocol.

5. Completed MOAs for Indigenous communities to use the NCTRs records for unmarked burial research projects:
 - a. Penelakut First Nation
 - b. Six Nations of the Grand River
 - c. The People of Wauzhushk Onigum Nation
 6. Delivered presentation to the Associations des Archivistes du Québec, Dec. 2nd on the topic of a decolonizing archives.
 7. Finalized agreement and sign off with Services Ontario and the Ontario Attorney General to share vital stats records. Next step, official ceremony, and transfer of records.
 8. Finalized agreement and sign off with Manitoba Vital Stats and the Manitoba Attorney General to share vital stats records. Next step, official ceremony, and transfer of records.
 9. Presented at an international conference at Galway University, Ireland on the topic of Truth-Telling and Transition: Justice, Reparation, Memorialization
- The Education Unit of the NCTR hosted 17 presentations (approx. 678 individuals,) 2 Conferences /events (OARTY conference and AFN's December event) and tours at the NCTR.
 - The new Imagine a Canada program was re-launched on Sep. 30, 2021 and closed on Dec. 17, 2021. We received over 40 submissions for G6-12 and CEGEP grant stream. The deadline for youth K-Gr. 5 was extended to Feb. 11, 2022, to give more time for art only submissions.
 - The NCTR is working with the CIRNAC for sustainable funding for the next 5 years and funds for a new NCTR building.
 - On November 24, 2021, following discussions with the Provincial Advisory Committee (PAC) and Indigenous leadership, Elders, Survivors, communities and organizations, Manitoba will present a funding envelope to the NCTR.
 - The Bank of Montreal donated \$250,000 one-time gift to Na-Mi-Quai-Ni-Mak Centre Community Support Fund that provides grants to Indigenous communities for memorial and healing activities
 - On December 9th, 2021, the NCTR held a celebration to honour Ry Moran, Executive Director of NCTR for 6 years.
 - On December 19, 2021, in partnership with Parks Canada, the Survivor Holiday Special was held live. This virtual event highlighted Survivor stories of hope and support for one another, healing through art, music, and techniques to help cope with triggers and manage stress. Special guests include Susan Aglukark, Tom Jackson, Gerry Barrett, Chef Ray Bear, Skinny Kookoo and the Ivan Flett Memorial Dancers.

REPORT OF THE VICE-PRESIDENT (ADMINISTRATION)

- Following the discovery of the bodies of hundreds of missing children who attended residential schools, the Legal Office has been working closely with the National Centre for Truth and

Reconciliation (NCTR) to negotiate agreements with various governments, archives, and church groups to facilitate the transfer of records related to residential schools and the missing children's register to the NCTR.

- The Legal Office has been heavily involved in supporting the University's efforts regarding its vaccination mandate, including procedure development, providing direct legal support to the Safe Return communications team, and working closely with external counsel regarding applications for religious exemption. The University has received demand letters from legal representatives acting on behalf of a handful of students concerning potential lawsuits/human rights complaints, and the Legal Office is responding as required.
- The Legal Office continues to provide support to the Office of the Vice-President (Research and International) in the negotiation of various agreements with Research Manitoba, which will facilitate the Research Improvements Through Harmonization in Manitoba (RITHIM) Initiative, and appoint Research Manitoba as the University's Research Ethics Board (REB) for studies involving human health research.

REPORT OF THE VICE-PRESIDENT (EXTERNAL)

Fundraising Highlights

- To date, we have achieved \$33.8 million in philanthropic funds raised against a target of \$41.8 million for the 2021/22 year.

Upcoming Activities/Events:

- UM plans to host the Winnipeg Chamber of Commerce's Leadership Winnipeg group on March 11 in an outreach day filled with presentations and tours delivered by UM leadership, faculty, staff and researchers.
- 2022 "Virtual Learning for Life" planning is underway. Faculty members will conduct seminars for alumni during the winter program on climate-related topics.
- The UM Alumni Book Club will begin reading Amor Towles' *"A Gentleman in Moscow"* in January 2022. Over 900 alumni and friends have joined the book club since its launch.
- The UM Alumni Association will participate in Mentoring Month during January 2022 by providing mentoring tips and videos.
- The "UM Career Lab" will be expanded to include offerings to mid-career and later career UM alumni.
- The Distinguished Alumni Award Celebration of Excellence gala will be a virtual event hosted on Thursday, February 3, 2022.

- Effective mid-February, nominations will open for the 2022 Alumni Representative Board of Governors election.

Other Significant Activities:

- RedDot, the university's legacy web platform, will be decommissioned in January 2022. This marks the successful conclusion of the NGWE project that introduced updated web platforms and led the migration of over 70,000 content pages since 2019.
- Focused communications strategies supported the November 14 vaccination submission deadline aiming for 85%+ of the UM community to upload proof of vaccination. As of winter break 2021, proof of vaccination had been uploaded by over 89% of students and staff respectively (when not including NIL Appointments and GFTs).
- From November 1 to December 22, 2021, UM worked with 165 reporters on stories related to university issues. During this time, there were 8,599 news stories in media mentioning UM, most of which related to COVID-19 and the UMFA labour disruption. One study on Arctic climate change by Michelle McCrystall from the Clayton H. Riddell Faculty of Environment, Earth, and Resources, appeared around the world in 546 outlets, including CNN, the Globe and Mail, the Washington Post, the Guardian, and the Smithsonian's magazine among many others.

Report from Senate RE: Requests for Changes to Admission Targets, Pharm.D. and Undergraduate Engineering Programs

Items for discussion / advice:

- A-1) Request for Temporary Increase to Admission Target, Doctor of Pharmacy (Pharm.D.), College of Pharmacy
 - A-2) Request for Increase to Admission Target, Bachelor of Science in Engineering Programs, Price Faculty of Engineering
-

Item A – for discussion / advice (Attachment 1)

Requests for Changes to Admission Targets:

- A-1) Request for Temporary Increase to Admission Target, Doctor of Pharmacy (Pharm.D.), College of Pharmacy**
- A-2) Request for Increase to Admission Target, Bachelor of Science in Engineering Programs, Price Faculty of Engineering**

Context and Background:

The Board policy on *Admission Targets* specifies that it is the President who has authority to approve changes to, or the introduction of, admission targets following consultation and discussion with the dean or director, with Senate and with the Board of Governors, subject to the provisions of the provincial *Programs of Study Regulation*.

- E-1) The President has received a request from the College of Pharmacy for a one-time increase to the admission target for the Doctor of Pharmacy (Pharm.D.) program. Specifically, the College is requesting that, for the 2022 – 2023 admission cycle, the admission target be increased from 55 to 60 seats.

Following admission of the first cohort into the Pharm.D. in 2019 – 2020, the number of applicants to the program declined markedly, from an annual average of 300 to fewer than 100 applicants each year. Admissions in 2020 – 2021 (n= 45) and 2021 – 2022 (n = 38) were below the annual target of 55 students. To address the drop in the number of applications, the College revised the admission requirements for the 2022 Fall Term (Senate, February 3, 2021), to align these with requirements in place for Pharm.D. programs at other Canadian institutions. Additionally, it is making the current request for a one-time enrolment increase, to offset the decreased enrolment experienced since 2019 – 2020.

- E-2) The President has received a request from the Price Faculty of Engineering to increase the Faculty's undergraduate admission target from 364 to 482 seats, including 100 new seats plus the consolidation of 18 “supernumerary” seats from existing admission categories, including 8 for the Engineering Access Program (ENGAP) and 10 for students admitted under an articulation agreement with an international institution. The enrolment increase would occur over a period of three years (2023 – 2024 to 2025 – 2026) and would be distributed across all five of the Bachelor of Science in Engineering degrees, as detailed in the proposal.

The Price Faculty of Engineering is the only provider in the province, for accredited undergraduate engineering degrees that are the basic requirement for professional registration with Engineers

Geoscientists Manitoba. It has a mandate, therefore, to be both accessible to Manitobans who want an engineering education and to meet the needs of industry and the practice community for engineering graduates.

Enrolment in engineering programs in Manitoba (0.12 percent of the population) is also lower than the national average (0.21 percent of the population), based on enrolment data reported by Engineers Canada for 2018. Historically, a lack of space in engineering programs has contributed to the low participation rate.

Industry has consistently expressed a need for engineering graduates in all sectors of the provincial economy and across all engineering disciplines. The number of engineers per capita in Manitoba, which is 2.5 per 1000 individuals, is significantly lower than the national average of 4.6 per 1000 individuals.

Provincial and national labour market projections point to a need for engineers to address economic expansion and retirements. Engineers Canada forecasts more than 100,000 engineering job openings in Canada between now and 2025. As demand cannot be met only by graduates from Canadian engineering programs, immigration and increased participation of underrepresented groups in engineering, including women and Indigenous Canadians, are also key to addressing ongoing labour market needs.

Resource Requirements:

E-1) The College of Pharmacy has sufficient course capacity to accommodate a one-time enrolment increase of five students in the Pharm.D. No additional resources would be required.

E-2) The additional seats in undergraduate programs in the Price Faculty of Engineering would be resourced primarily through (i) additional tuition revenue associated with the higher enrolments (\$2 million annually, estimated) that would be used to fund new positions for support and technical staff and (ii) annual spending allocations from the Dr. Gerry Price and Family endowment fund at the University, which will generate \$900K - \$1 million (estimated) annually when it reaches maturity (anticipated date 2025), will be used to fund new teaching positions.

Increased enrolment would require that sections be added to some courses. This would entail additional teaching resources and increased demand for classroom and study spaces, computer labs, and other facilities. There would also be additional demands on the Office of the Registrar and Enrolment Services, the University Libraries, Information Services and Technology, and other administrative and student support offices. The proposal includes letters of support from various academic and administrative units that would be impacted.

To meet the need for increased teaching resources, the Faculty plans to hire seven new tenure-track faculty members, with a focus on Instructor-rank faculty, and additional Sessional Instructors. The Faculty will also hire new staff, including one additional full-time Student Advisor position for the Faculty's Student Services Office and for each of the four Departments (Biosystems, Civil, Electrical and Computer, and Mechanical Engineering). Additional technical staff will be hired to service teaching labs and to support the Faculty's Co-op / Industrial Internship Program, as required.

The Faculty would add additional infrastructure and staff resources to student computing labs and undergraduate teaching labs as needed. Additional investments have recently been made in student computing labs as a consequence of remote teaching requirements during the pandemic, including the purchase of additional student licenses for software and to 24/7 remote access to specialized software packages.

The Faculty of Engineering has consulted other Faculties that would be impacted by the requested enrolment increase for Engineering, including units that teach courses required in the Preliminary Engineering Program and/or other service courses. Several Faculties have identified resource implications for their units, as detailed in the letters of support included with the proposal.

The University Libraries indicated its collection can support the Engineering programs, including with increased enrolment.

Connection to the University Planning Framework:

E-1) N/A

E-2) The proposal from the Price Faculty of Engineering to increase its undergraduate admission target aligns with all five priorities established in *Taking Our Place: University of Manitoba Strategic Plan, 2015 – 2020*, including priorities and supporting goals for (i) Inspiring Minds through innovative and quality teaching, (ii) Driving Discovery and Insight through scholarly excellence in research, scholarly work and other creative activities, (iii) Creating Pathways to Indigenous achievement, (iv) Building Community that creates an outstanding learning and working environment and (iii) Forging Connects to foster high impact community engagement.

The proposal also supports Recommendation 4: Increasing Diversity and Equity Across UM, in the *President's Task Force on Equity, Diversity, and Inclusion: Final Report, December 2020*, to develop unit-level plans for increasing the diversity of students, staff, and faculty that include initiatives that address equity.

Implications:

E-1) The objective for a temporary increase to the admission target for the Pharm.D. is to address, in part, the loss of Pharm.D. graduates (estimated at 32) arising from lower enrolments in the last three years. The number of graduates will also be reduced by approximately 55, given the recent transition from offering a B.Sc.Pharm. to offering the Pharm.D. means there is no cohort graduating in 2022. The College of Pharmacy notes a smaller number of graduating pharmacists is particularly concerning in the context of the COVID-19 pandemic and increased demands for pharmacists and pharmacy services in hospitals, community practice settings, and to support provincial vaccination and testing efforts.

A temporary increase to the admission target for the Pharm.D. will allow the College of Pharmacy to monitor application numbers under the revised admission requirements and to evaluate other factors that may be contributing to the current downturn.

E-2) The objective of the proposal to increase the undergraduate admission target for the Price Faculty of Engineering is to provide spaces for all eligible Manitobans who wish to study engineering and to meet the demands of Manitoba industry for engineers. Currently, there is a shortage of spaces in engineering programs for eligible applicants. From 2017 – 2019, the ratio of eligible Direct Entry applicants into the Preliminary Engineering Program to seat availability ranged from 108 to 115 percent for domestic applicants and from 100 – 228 percent for international applicants. Data on the average Grade Point Average cut-off for entry into the second-year program, for the period 2017-2021, also shows that many students in good standing were not able to enter their first-choice programs given space limitations. An increased number of spaces would allow the Faculty to address some of the unmet demand, for both engineering education and graduates.

The proposed enrolment increase, together with the Faculty's priority to re-envision outreach and recruitment to increase diversity of its applicant pool, would further enhance opportunities for all prospective students, including historically underrepresented groups, including women and Indigenous students, to obtain admission to an Engineering program at the University.

Consultation and Routing to the Board of Governors:

The President consulted with Senate regarding the requests for changes to the undergraduate admission targets for the College of Pharmacy and the Price Faculty of Engineering, at its meeting on January 12, 2022.

E-1) Senate did not raise any concerns with the request from the College of Pharmacy for a temporary increase to its admission target.

E-2) Senate did not raise concerns about the request from the Price Faculty of Engineering for an increase to its undergraduate admission target.

Senate identified the need for a different process, perhaps with additional opportunities for Senate committees to consider the resource and other impacts of future requests from units for large enrolment increases that have the potential for significant impacts on other faculties/colleges/schools.

SUBMISSION PREPARED BY: University Secretary

ATTACHMENTS:

Items for consultation:

Attachment 1 –

- A-1) Request for Temporary Increase to Admission Target, Doctor of Pharmacy (Pharm.D.), College of Pharmacy
- A-2) Request for Increase to Admission Target, Bachelor of Science in Engineering Programs, Price Faculty of Engineering




University of Manitoba | Office of the President

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DATE: October 18, 2021

TO: Jeff Leclerc, University Secretary

FROM: **Michael Benarroch, Ph.D.**
President and Vice-Chancellor 

RE: Temporary Increase to Admission Targets, Pharm.D. Program

I attach a recommendation from Dr. Todd Mondor, Deputy Provost (Academic Planning and Programs) for a one-time increase to the admission target of the Pharm.D. 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 November 17, 2021 Senate Executive meeting and the December 1, 2021 Senate Meeting.

Cc: Diane Hiebert-Murphy, Provost and Vice-President (Academic)
Todd Mondor, Deputy Provost (Academic Planning and Programs)
Laurie Schnarr, Vice-Provost (Students)
Brian Postl, Dean, Rady Faculty of Health Sciences and Vice-Provost (Graduate Education)
Lalitha Raman-Wilms, Dean, College of Pharmacy
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: October 15, 2021

To: Dr. Michael Benarroch, President and Vice-Chancellor

From: Dr. Todd Mondor, Deputy Provost (Academic Planning and Programs)

Re: Request for Temporary Increase to Admission Targets, Pharm.D. Program

Under the Admission Targets Policy and at the request of Dr. Lalitha Raman-Wilms, Dean, College of Pharmacy, please find attached a proposal for 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.

Following admission of the first cohort into the Pharm.D. in 2019-20, the College has been unable to meet its annual admission quota of 55 students. To help address this deficiency, the College put forward and Senate approved, revised admission requirements for the 2022-23 admissions cycle. The College is requesting a temporary increase to their admission target for the 2022-23 year to offset the decrease in enrolment experienced since 2019-20. Current course capacity will be sufficient to accommodate this one-time expansion, so no new resources are required.

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, November 3, 2021 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 (Graduate Education)
Lalitha Raman-Wilms, Dean, College of Pharmacy
Jeff Leclerc, University Secretary
Jeff Adams, Registrar and Executive Director, Enrolment Services
Randy Roller, Executive Director, OIA
Cassandra Davidson, Academic Program Specialist



Memorandum

October 1, 2021

TO: Dr. Todd Mondor, Deputy Provost (Academic Planning and Programs)

FROM: Dr. Lalitha Raman-Wilms, Dean, College of Pharmacy, Rady Faculty of Health Sciences

SUBJECT: Temporary admission quota increase

The College of Pharmacy is requesting a temporary increase to our admission quota, from 55 to 60 students for the 2022-23 admissions cycle. Please see the attached proposal.

Please let me know if you have any questions or require further information.

Thank you.

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
**University
of Manitoba**

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 SCCC 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: **The University of Manitoba**

Applicable faculties/department with responsibility for the program: **Price Faculty of Engineering**

If program is a joint program, list all participating institutions and the roles of each in delivering the proposed program:
N/A

Program name: **Biosystems Engineering; Civil Engineering; Computer Engineering; Electrical Engineering; Mechanical Engineering**

Credential awarded: **B.Sc. Biosystems Engineering, B.Sc. Civil Engineering; B.Sc. Computer Engineering; B.Sc. Electrical Engineering; B.Sc. Mechanical Engineering**

Office Use Only

Funding request: **None**

One-time funding: _____

On-going funding: _____

Proposed start date: **2023-09-01**

List any critical issues that may impact the start date of the program: **Delay in program approval; new faculty hiring.**

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 five undergraduate B.Sc. programs in the Price Faculty of Engineering are four-year professional degree programs. They prepare students for professional engineering practice and serve as eligibility for the first stage of professional licensure with Engineers Geoscientists Manitoba. Admission to the Price Faculty of Engineering is competitive. Students complete a common Preliminary Year. The Preliminary Year can be completed within the Faculty as a Direct Entry student; however, the Preliminary Year does not need to be completed within the Faculty. Students who satisfy the eligibility requirements while enrolled in other programs (mostly commonly but not limited to University 1) or at other institutions are eligible to apply. Upon completion of the common Preliminary Year, students apply for entry into one of the five programs in the second year of their four-year program. Senate-approved admission capacities are set for program entry in the second year.

The B.Sc. programs and curriculum are not changing. **The Price Faculty of Engineering is seeking to have its undergraduate admission target increased from 364 to 482 by a consolidation of 18 seats in existing admission categories and the addition of 100 new (additional) seats.** The additional seats reflect an ongoing need for additional engineering graduates across Manitoba sectors and industries, and ongoing demand by students for entry into UM engineering degree programs.

B-2 Describe how this program serves and advances the academic, cultural, social and economic needs and interests of students and the province:

As the Province's only professional engineering school, the Price Faculty of Engineering has a mandate to be accessible to Manitobans who wish to study engineering, and also to meet the needs of local industry. The Price Faculty of Engineering is the only engineering school in Manitoba offering accredited undergraduate engineering degrees, where an accredited degree is the basic eligibility requirement for professional registration with Engineers Geoscientists Manitoba which in turn confers right-to-title and right-to-practice. Engineers Geoscientists Manitoba data indicate that between 80-90% of Price Faculty of Engineering graduates begin their careers in Manitoba (looking at the translation rate from UM graduates to new Engineering Intern registration). Industry sectors likewise have consistently expressed their need for UM graduates in all sectors of the provincial economy and across all engineering disciplines. When students apply to the Price Faculty of Engineering and cannot be accepted due to lack of space, they have no other options to study professional engineering in Manitoba and must move to another province for studies. It is well-known that after four or more years away for post-secondary education, a return to one's home province is uncertain. The objective of the proposed enrolment increase is to provide space for all eligible Manitobans who wish to study engineering and to meet the demands of Manitoba industry for engineers.

The number of engineers in Manitoba, per capita, is significantly lower than the national average. The 2019 Engineers Canada Membership report shows that Canada has approximately 300,000 registered professional engineers. Nationally, this translates to 4.6 engineers per 1000 individuals, whereas in Manitoba, there are 2.5 engineers per 1000 individuals. Only PEI and NWT/Nunavut have lower numbers (1.9 and 2.1, respectively), and the highest numbers are in Ontario (5.3) and Alberta (8.9).

Current enrolment in engineering programs in Manitoba is also below the national average. Statistics Canada 2018 data show the post-secondary participation rates in Manitoba for University education to be 2.9% (% of population), while

the Canadian average is 3.1%. This indicates that Manitobans are attending university in the same proportion as the national average. However, the same dataset shows that University participation rate in Engineering and Architecture is 0.16% in Manitoba, while the Canadian average is 0.28%. Excluding Architecture programs, Engineers Canada 2018 enrolment data still confirm that Manitobans are enrolling in engineering programs at a lower rate than the national average: 0.12% of population vs. the national average of 0.21% of population. Historically, a lack of space has contributed to this low participation rate.

Labour market projections point to a need for engineers to address economic expansion and retirements. Engineers Canada's forecast is for more than 100,000 engineering job openings in Canada between now and 2025 as engineers retire and the economy continues to grow. Currently, the overall number of new entrants into the labour market from Canadian engineering programs cannot meet the demand on its own. Immigration is seen as a key to addressing ongoing labour market needs, as well as increased participation of underrepresented groups in engineering, such as women and Indigenous Canadians.

In a 2015 report by Engineers Canada, labour market projections for engineers of all disciplines through 2025 were summarized. The executive summary notes that the report

...serves to highlight the continued importance of engineers to the Canadian economy. There is a large and growing need to replace retiring engineers. This is particularly relevant for civil, mechanical, electrical/electronic and computer engineers. Moreover, inter-provincial mobility, inclusion of diverse engineers and immigration will be paramount in filling the positions left by retiring engineers. This report also highlights the critical role of Canadian universities in training tomorrow's Engineers. Universities are granting an increasing number of engineering degrees to Canadian and international students, creating new entrants to meet growing supply requirements. Engineers Canada stresses the importance inter-provincial migration as economic activity shifts to western Canada, which will generate strong demand for engineers. The introduction of internationally educated engineers will be of even greater importance as economic growth and retirement creates tight labour markets in various engineering fields across Canada.

Similarly, the federal government though its Job Prospects report by occupation shows Manitoba prospects to be fair to strong across mechanical, civil, electrical and electronics, software engineers, and biomedical engineers. In all cases, the majority of growth is expected to come from economic expansion and retirements. Likewise, sector groups highlight that engineering in Canada maintains a constant demand for engineers in almost every industry and sector. The Province of Manitoba's Skills, Talent and Knowledge Strategy, published in 2021, also highlights the need for more students accessing and completing post-secondary education. Within this, the Province's strategy emphasizes alignment of education with labour market needs and the development of the talent within under-represented groups including Indigenous Canadians, newcomers to Manitoba, and international students.

Sources:

- Engineers Canada, [2019 National Membership Information](#)
- Statistics Canada. [Table 37-10-0018-01 Postsecondary enrolments, by registration status, institution type, status of student in Canada and gender](#), DOI: <https://doi.org/10.25318/3710001801-eng>
- Engineers Canada, [2019 Canadian Engineers for Tomorrow Report](#)
- Engineers Canada, 2015, [Engineering Labour Market in Canada: Projections to 2025](#)
- [Government of Canada Job Bank – Trend Analysis](#)
- PHM Search, November 2020, [The most in-demand engineering jobs in Canada](#)
- Ranstad, 2019, [Where are the biggest skills gaps in Canadian engineering?](#)
- Province of Manitoba, 2021, [Manitoba's Skills, Talent, and Knowledge Strategy](#)

B-3 Describe the existing and anticipated post-secondary learning needs of students in Manitoba that this program addresses and responds to:

This is an existing program. An increase in enrolment responds to the need for graduate engineers due to economic growth and increasing retirements in the engineering profession. See also B-2.

B-4 Will the program be available for part-time study?

Yes, as per current regulations in the UM Academic Calendar.

B-5 Is there a cooperative education, work placement, internship or practicum component?

Yes, eligible students can participate in the Co-op / Industrial Internship Program (Co-op/IIP) in the Price Faculty of Engineering. Presently, approximately 550 students/year complete a Co-op/Internship term.

SECTION C – MODIFICATION TYP

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.

The current undergraduate admission target for the Price Faculty of Engineering is 364 across all five undergraduate engineering programs. In addition, the Faculty has approval to accept an additional 18 students under two admission pathways termed “Supernumerary”. These are 8 spaces for Engineering Access Program (ENGAP) students entering programs, and 10 spaces for UCSIC students (international agreement) students entering programs. **The proposed seat capacity is 482.** This is derived by folding the existing 18 Supernumerary seats into the regular admissions and adding 100 new seats. Appendix A provides details on the internal distribution of the 100 additional seats within the Departments of the Price Faculty of Engineering.

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).

The external demand for engineering graduates is outlined in section B-2. Internally, Enrollment statistics over the five years from 2017 to 2021 provided by the UM Office of the Registrar and Enrolment Services highlight the following demand for engineering programs in the Price Faculty of Engineering.

The fall 2020 and fall 2021 data show that in these years, the applicant demand and seat availability in Preliminary Year and into second-year Programs were closely matched. However, these are both considered outlier years due to the impacts of the COVID-19 pandemic on prospective students' decision-making. For example, data from the UM Office of Institutional Analysis show an increase of 3.1% in the undergraduate engineering student body (head-count) from fall 2019 (pre-pandemic) to fall 2020 (first year impacted by the pandemic) but a corresponding 3.0% decrease in credit hours offered. One interpretation is that while more students were choosing to go into post-secondary studies during the pandemic, they were taking fewer courses than they otherwise would. Anecdotally, this corresponds to what students' feedback has been during the pandemic.

For Direct Entry enrolment into Preliminary Year, the published criterion for high school entry grades prior to 2021 was a minimum 85% average across three specified courses. In reality, the cut-off has ranged from 85% - 87% for domestic applicants and from 90% - 95% for international students (2017 through 2019). Of note, the fall 2021 intake is the first year in which the admission criterion has changed to a minimum 80% average across four specified courses. Also, from 2017-2019, the ratio of eligible Direct Entry students into Preliminary Year to the seat availability ranged from 108% to 115% (domestic) and 100% - 228% (international).

In addition to Preliminary Year as a competitive entry point, entry into second-year programs is the second competitive progression point for engineering students. The following table highlights the average GPAs of entrants into their first-choice program, for each of the five departments. The GPAs demonstrate that there are students in good standing who were not able to access their first-choice programs due to space limitations.

2017-2021 Enrollment Data

Engineering Program	Average GPA cut-off for entry into second year programs		Average first-choice program demand as a % of program capacity
	Domestic Students	International Students	
Biosystems	2.73	3.08	80%
Civil	2.80	3.79	128%
Computer	2.75	3.63	99%
Electrical	2.74	3.64	126%
Mechanical	2.95	3.90	124%
Faculty average	2.79	3.61	111%

c-2.3 - Intake Information

c-2.3 (a) - What is the projected enrolment for the first intake?

We propose a phased implementation over three years:

- Fall 2023: 30-35 additional students into second-year programs, for a total intake of 394-399;
- Fall 2024: 70-75 additional students into second-year programs, for a total intake of 434-439;
- Fall 2025: 118 additional students into second-year programs, for a total intake of 482.
- Nominally, the first full increase of the planned enrolment strategy graduates in spring 2028.

C-2.3 (b) - What is the maximum seat capacity (defined as first-year enrolment capacity)?

482 Students into second-year programs (as capacity in the Price Faculty of Engineering is benchmarked to second-year program entry).

C-2.3 (c) - What is the anticipated date of maturity?

The full increase into second-year programs occurs in fall 2025. The first graduates from the expansion are expected in spring 2028.

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.

This proposal is expected to enhance the ability of all prospective students to obtain admission to Engineering at UM, including under-represented groups. The Price Faculty of Engineering already demonstrates an established commitment from which it will build, including the success of the ENGAP Program for Indigenous students, the WISE KidNetic K-12 outreach program, and the IEEQ Program for newcomers to Canada. This proposal is built upon coupling an enrollment increase (more students) with a comprehensive outreach and recruitment strategy that accomplishes further diversity in the applicant pool. The outreach and recruitment strategy will be broadly focussed on ensuring all prospective students who may not have seen themselves in the profession previously see the variety and diversity of meaningful opportunities and career pathways in an engineering education and career. This includes three general areas:

- Creating opportunities for students to pursue their diverse career goals through more program minors/options/streams/specializations and/or non-degree credentials within and between Departments and Faculties. (Note: no new programs are expected which would require Province of Manitoba approval).
 - Outreach and recruitment to prospective students from high schools, continuing our focus on female-identifying, Indigenous, and international students, but also changing the image of the profession to capture the interest of anyone who may not have envisioned it as an option for themselves in the past.
 - Enhancing our existing and developing new transfer and exchange agreements with other post-secondaries in Manitoba and internationally.
-

D-1 Describe how this significant modification aligns with the strategic plans of your institution:

This proposal will allow more Manitoban students to pursue an undergraduate engineering degree in the Price Faculty of Engineering, in alignment with the following priorities in the UM *Taking our Place Strategic Plan 2015-2020*.

Maintain and sufficiently support an appropriate range of liberal arts, science and professional programs for Manitoba's research university in the context of stable or diminishing resources. The Price Faculty of Engineering is the Province's only engineering school offering accredited undergraduate engineering programs.

Optimize enrolment with an appropriate mix of undergraduate, graduate, Indigenous, and international students for Manitoba's research university. This proposal for a capacity increase is being internally designed as an opportunity to enhance the diversity of our student body. It will be coupled with outreach and recruitment strategies that show all prospective students the range and diversity of opportunities and pathways not only in engineering studies, but also in engineering careers. This will include a focus on Indigenous students and female students, and for the former will collectively support the strategic priority of *Creating Pathways to Indigenous achievement*. Additionally, the outreach efforts will focus on solidifying our existing agreements with and creating new pathways with other post-secondary institutions toward the objectives of accessibility and inclusion in our programs. In this way, the proposal also enhances the goal to *enhance student mobility*.

Provide students with flexible learning opportunities using a variety of delivery modes that make the best use of available classroom and online learning technologies and resources. There will be positive residuals of the pandemic. These include an insight into courses that can be adapted to ongoing Distance Education offerings (alongside face to face offerings), as well as numerous successful experiments with take-home laboratory kits that increase opportunities for enrolment while offering a strong teaching & learning experience.

Increase opportunities for experiential learning. The Price Faculty of Engineering has an established Co-op/ Industrial Internship Program (Co-op/IIP), in which approximately 1/3 of the student body currently participate (approximately 550 placements/year). The proposal for enrolment increase is designed to support enhanced participation in Co-op/IIP beyond a proportionate increase due to enrolment. This is in the context of examining our recruitment and outreach efforts to ensure that our programs offer experiences that are meaningful and desirable to a wide variety of diverse students and their respectively diverse interests and goals. Further, the Price Faculty of Engineering offers a variety of co- and extra-curricular experiential learning activities such as national and international design competitions in all engineering disciplines including collaborations with business and humanities competitions, and over 1/3 of our undergraduate students currently participate on a team each year.

Make the University of Manitoba the institution of first choice for potential students, staff and faculty. This proposal is an explicit effort to meet the unmet demand, both domestically and internationally, for an engineering education at the University of Manitoba both into the Preliminary Year and into students' first-choice second-year programs. It also adds faculty and staff positions to the Price Faculty of Engineering, allowing departments to strategically support areas of excellence – and important recruitment and retention factor. This in turn collectively supports the strategic priority of *Driving Discovery and Insight*.

Establish, strengthen and support meaningful connections between the University community and key stakeholders. This proposal is responsive to the need for graduate engineers across Manitoba's economic sectors and engineering disciplines. The Price Faculty of Engineering has very strong engagement with and support from Manitoba's engineering practice community, and the support for this proposal has likewise been unreserved.

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 was endorsed at the Engineering Faculty Council on September 7, 2021.

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 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 five undergraduate B.Sc. programs in the Price Faculty of Engineering are accredited by the Canadian Engineering Accreditation Board (CEAB). However, CEAB does not expect consultation for enrolment increases.

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.

In the development of the proposal, consultations were held with the Deputy Provost's office, Enrolment Services, Registrar's Office, Faculties of Science, Arts, Agricultural and Food Sciences, Earth Environment & Resources, and Asper School of Business.

Letters of support are attached from the following:

Internally:

- Faculty of Science
- Faculty of Arts
- Asper School of Business
- Faculty of Agricultural & Food Sciences
- Faculty of Earth Environment & Resources
- University 1
- Information Services & Technology (IST)
- Office of the Registrar & Enrolment Services
- Libraries
- Physical Plant (Caretaking Services)
- Security Services
- International College of Manitoba

Externally:

- Engineers Geoscientists Manitoba (the regulatory body for professional engineering in Manitoba)
- Friends of Engineering (representing over 70 senior executives of engineering industry in Manitoba)
- Manitoba Aerospace
- Canadian Manufacturers & Exporters (CME)
- Association of Consulting Engineering Companies – Manitoba (ACEC-MB)
- Vehicle Technology Centre (VTC)
- New Flyer Industries group of companies
- MacDon Industries

D-3.3 How have students and faculty been informed of the intent to modify this program?

The proposal was discussed at a meeting of the Price Faculty of Engineering (staff, faculty, and student executive) on August 10, 2021. It was further discussed at length at Engineering Faculty Council on September 7, 2021. It was discussed with the University of Manitoba Engineering Society (student council) Executive on July 28, 2021. It was received positively at all of these instances.

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.)*

The University of Manitoba is the only post-secondary institution in the Province which offers accredited undergraduate engineering degree programs. Graduation from a University of Manitoba undergraduate engineering program confers eligibility for the first stage of professional licensure with Engineers Geoscientists Manitoba.

RRC Polytech offers engineering technology programs, which leads to eligibility for registration with The Certified Technicians & Technologists Association of Manitoba (CTTAM). This is an allied but distinct credential and career path. The University of Winnipeg used to offer an Engineering Pre-Professional Program toward a dual degree with the University of Minnesota. This program has been discontinued.

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:

The Price Faculty of Engineering and RRC Polytech currently have agreements for transfer credit for RRC Polytech engineering technology graduates who wish to pursue an engineering degree at UM. This proposal aligns with plans to develop a formal articulation agreement with RRC Polytech.

From 2014 through 2020, the Price Faculty of Engineering welcomed 75 transfer students from five other Manitoba post-secondary institutions, with the most number transferring from RRC Polytech. We identify this as an under-explored opportunity, and the outreach and recruitment efforts that underpin this proposal are focussed broadly on ensuring all prospective students who may not have seen themselves in the profession previously see the variety and diversity of meaningful opportunities and career pathways in an engineering education and career. As part of this, we will pursue a more formal Articulation Agreement with RRC Polytech to augment the current transfer credit agreements, and will pursue developing new laddered pathways with other Manitoba post-secondaries, particularly Brandon University and University College of the North (UCN) as a way to build remote and rural students' confidence and comfort with university studies on an urban campus.

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 engineering programs at all U15 universities in Canada. The Price Faculty of Engineering is currently the only engineering school with accredited undergraduate degree programs in Manitoba.

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.

See D-4.1

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.)

The enrolment increase is not expected to change the labour market opportunities in Manitoba for graduates. Please see section B-1 for commentary on the need for additional engineers in Manitoba and Canada due to economic growth and pending retirements.

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.

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.

No tuition increase or new fees / increased fees are anticipated, outside of the potential for the normal annual increases considered and approved by the UM Board of Governors and the Province as part of the annual tuition review and approval process.

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:

None.

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:

None.

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.)*

Incremental costs associated with the additional student intake will be covered in two ways:

1. Tuition revenue generated from the additional 100 students, expected to generate approximately \$2M/year at maturity.

- Annual spending allocations available from the \$20M gift (endowment) from Dr. Gerry Price & Family announced in March 2020. As of FY22/23, approximately \$440K is available for spending. At maturity (anticipated to be 2025 according to the donor's accelerated pledge schedule), the gift is expected to generate approximately \$900K - \$1M/year in perpetuity.

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.

Budget: Incremental costs associated with the expected increase in enrolment will be covered by the additional tuition revenues generated and by the annual spending allocation associated with the gift (endowment) from Dr. Gerry Price & Family.

IT: In addition to institutional IST services, the Price Faculty of Engineering has internal IT staff and infrastructure including student computing labs, undergraduate teaching labs, and research computing. Additional resources will be added to student computing labs and undergraduate teaching labs (infrastructure and staff) as needed. The experience of remote teaching during the pandemic has already resulted in an investment in the student computing labs to ensure viable 24/7 remote access to specialized software packages as well as purchase and distribution of additional student licenses of key software.

Physical Space: With a nominal increase of 25% in the undergraduate student body, we will see some classes increasing their enrolment in each section, as well as the need to add new sections to some courses. As such, we will see increased demand for classroom spaces, study spaces, computer labs, washrooms, etc. Scheduling of additional/new sections of courses will be flexible, utilizing the full 8:30am – 5:30pm timetable (as is currently done) as well as evenings where required, in order to distribute the demand for physical space. There are already a number of courses that utilize the timetable between 5:30-9:30pm on weekdays, and these slots would be anticipated to see increased activity. Early consultation began in spring 2021 with the Registrar's Office to identify space available for this proposed plan. As per the Registrar's Office letter of support attached to this proposal confirms their recognition of scheduling implications and support for the proposal.

Demands on Other University Services: There will be additional demands on the Registrar's Office, Enrolment Services, Engineering Library, Information Services & Technology, Building Caretaking, and Campus Security due to the enrolment increase. See statements of support attached.

E-5 Please describe new and existing staffing resources needed to provide this significantly modified program of

stud:*(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.

Class Sizes and Course Sections: The primary resource implication of the enrolment increase will be the need for larger class sizes in most classes and for additional course sections in some classes. Class sizes are determined both by classroom space capacities as well as considerations and decisions made within the Faculty for the student learning experience. The need for additional sections will require additional teaching faculty.

Teaching Faculty: The Price Faculty of Engineering will hire seven additional tenure-track faculty, with a focus on Instructor-rank faculty members. In the Price Faculty of Engineering, the teaching workload guidelines approved by Faculty Council nominally assign two undergraduate and one graduate course to each Professor-rank faculty member, and five undergraduate courses to each Instructor-rank faculty member. Sessional instructors will also be used to staff additional teaching needs, keeping in mind the Canadian Engineering Accreditation Board requirements for the ratio of permanent to sessional faculty, and the requirement for professional registration (P.Eng.) for individuals teaching design courses. The annual spending allocation of the \$20M Price gift (endowment), estimated at \$900K - \$1M/year at maturity, will be allocated to the cost of new faculty hires.

Demands on Price Faculty of Engineering Programs/Services: Undergraduate students in the Price Faculty of Engineering are served by the Undergraduate Student Advisors in the Student Services Office (for Preliminary Year students) and within the four Departments (for students in programs). An additional full-time advisor will be added to the Student Services Office and to each of the four Departments. Similarly, teaching labs are serviced by technical staff, and additional technical staff hires will occur to address 'pinch points'. The increased tuition revenue, estimated at \$2M/year at maturity, will be used to cover the cost of new administrative and technical staff.

Currently, about 30% of Price Faculty of Engineering undergraduate students participate in **the Co-op / Industrial Internship Program (Co-op/IIP)**. Assuming the same proportion of Co-op/IIP participation in the additional students would add approximately 30 students for placement into co-op or internship positions. Having to place an additional 30 students in co-op positions is not an onerous task; however the Price Faculty of Engineering will ensure that the Co-op/IIP is appropriate staffed for student demand and Faculty vision for workplace experiential learning.

Demands on other Faculties: The Price Faculty of Engineering relies on other Faculties to teach courses in the Preliminary Year and within all of the five undergraduate programs across four Departments. See Appendix B for a summary. The increase in enrolment has been discussed with all impacted Faculties, and letters of support are attached (Appendix C).

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.

Please see E-4.

SECTION F – SIGNATURES

(A second signature section is provided for joint programs only)

SUBMITTED BY:

President:

Name:

Signature:

Date: Click here to enter a date.

Vice-President/Academic:

Name:

Signature:

Date: Click here to enter a date.

For use by joint programs only:

President:

Name:

Signature:

Date: Click here to enter a date.

Vice-President/Academic:

Name:

Signature:

Date: Click here to enter a 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)*:

- | | |
|--------------------------|---|
| <input type="checkbox"/> | Cover letter |
| <input type="checkbox"/> | Program of Study Financial Form |
| <input type="checkbox"/> | Any supporting documentation <i>(reviews, letters of support, etc.)</i> |

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: ENROLLMENT DISTRIBUTION BY PROGRAM

The current undergraduate admission target for the Price Faculty of Engineering is 364 across all five undergraduate engineering programs, allocated as follows: 48 in Biosystems Engineering; 76 in Civil Engineering; 120 in Electrical & Computer Engineering; 120 in Mechanical Engineering. In addition, the Faculty has approval to accept an additional 18 students under two admission pathways termed “Supernumerary”. These are 8 spaces for Engineering Access Program (ENGAP) students entering programs, and 10 spaces for UCSIC students (international agreement) students entering programs.

The proposed seat capacity is 482. This is derived by folding the existing 18 Supernumerary seats into the regular admissions and adding 100 new seats.

Further, the proposal is to allocate new seats to the five programs proportionately using a range of seats to each of the five programs, while continually ensuring that the combined annual intake across all five programs is 482. The proposal to allocate a range of seats to each of the five programs will allow the Price Faculty of Engineering to better meet students’ first-choice requests for programs and will allow flexibility as demand for and capacity within programs changes from year to year.

Enrollment at maturity

	BIOE	CIVIL	ELEC & COMP	MECH	Super-numerary	Total
Entry into programs: Current capacity	48	76	120	120	18	364
Entry into programs: Proposed capacity range (varies year by year)	+ 8 to 14 or 56 to 62 total	+ 18 to 24 or 94 to 100 total	+ 30 to 36 or 150 to 156 total	+ 30 to 36 or 150 to 156 total	(folded into regular admissions shown)	482

APPENDIX B: COURSES BY OTHER FACULTIES TO ENGINEERING PROGRAMS

Preliminary Year (Direct Entry & U1) https://umanitoba.ca/engineering/programs-of-study	
CHEM 1100	NEW: CHEM 1100 + CHEM 1122 = CHEM 1300. Students coming from U1 and Science or any other non-engineering faculty will be given credit for CHEM 1300 for the NEW CHEM 1120.
CHEM 1122	
COMP 1012	
MATH 1210	MATH 1300 is not an acceptable equivalent to MATH 1210
MATH 1510	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 1710	
PHYS 1050	
ENG 1430	
ENG 1440	
ENG 1450	
ENG 1460	
PHIL 1290* or another complementary studies electives from Arts or Asper	PHIL 1290 Critical Thinking is the recommended complementary studies elective. Students may, however, select any course from the Faculties of Arts and Management (Asper School of Business) at the 1000 level or above, except for ARTS 1110 (Introduction to University).
Typically from ARTS	Course selected from the list of approved Written English Courses ; 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.

Departmental Programs	BIOE	CIVIL	ELECTRICAL	COMPUTER	MECH.	Current	+25%
CHEM 1310 or CHEM 1110/1126	48	76			120	244	305
COMP 1020				60		60	75
COMP 2140				60		60	75
COMP 3430				60		60	75
MATH 2130	48	76	60	60	120	364	455
MATH 2132	48	76	60	60	120	364	455
MATH 3120				60		60	75
MATH 3132			60	60	120	240	300
MBIO 1220	48					48	60
PHYS 1070					120	120	150
PHYS 2152			60	60		120	150
STAT 2220	48	76	60	60	120	364	455
GEOL 1340		76				76	95
ANTH 2430 (option with ENG 30)	48		60	60		168	210
Comp.St. from Arts ("I" Indigenous course)	48	76			120	244	305
Comp.St. from Arts or Asper	48		60	60		168	210
For Specializations available as options in BIOE:							
BIOL 1410	48					<48	<60
BIOL 1412	48					<48	<60
AGEC 2370	48					<48	<60
ANSC 3570	48					<48	<60
PLNT 2510	48					<48	<60
SOIL 4060	48					<48	<60

APPENDIX C: LETTERS OF SUPPORT



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A – UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

Written English

Mathematics

RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021

Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

Science is expected to see a proportionate increase in enrollment demand in courses (see Proposal - Appendix A) in Preliminary Year (U1 and Direct Entry) and in program-specific required courses as noted.

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the [Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes](#). The completed form (Part B) is to be returned to the unit requesting support.

SECTION F –UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: Science

Department or Program: Choose one

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

As the Price Faculty of Engineering is only proposing increasing enrolment in their programs, there are no issues of altered prerequisites for courses or curricular overlap, simply an increase in enrolment in several Faculty of Science courses (see section I for specific details). To assess the impact there have been close consultations between the two Faculties to get an accurate estimate of the increases and a comprehensive financial analysis of the impact on the Faculty of Science. Overall, the Faculty of Science is supportive of the increased enrolment proposed by the Price Faculty of Engineering.

Financial Impact: We have consulted with each Department in Science, and we estimate that based on additional new sections of courses required the equivalent of 10 additional sessional instructors would be required. Additional TA requirements for increased capacity in lab courses is also required. Our analysis has indicated that given the increased tuition revenue generated because of increased enrolment the Faculty of Science will be able to offset these increased costs. A direct agreement with the Price Faculty of Engineering has also been negotiated (10-15k per year) to support additional TAs for Engineering students in Mathematics courses above the typical TA:student ratio for Science students.

Capacity Impact: Independent of the financial impact, The Faculty of Science is more concerned with the physical ability to deliver additional sections, both in terms of increased demand on laboratory space and difficulty finding qualified sessional instructors/new Faculty hires in some courses that are oversubscribed even prior to the Engineering proposal. We are confident that we will be able to find solutions with individual Departments to address these issues and are working with the Price Faculty of Engineering to accurately determine the required reserves needed by Engineering in our courses. We continue positive discussions with the Price Faculty of Engineering about removing these reserve restrictions as early as possible in the registration period so that Science students can take advantage of spots not needed by Engineering.

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- Indicate when your unit will submit corresponding changes to the SCCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCCC deadline indicated on the preceding page, in Section B.

The following courses are impacted in terms of capacity only (expected increases in capacity based on 5-year enrolment averages are listed in parentheses): BIOL 1410 (12), BIOL 1412 (12), BIOL 2300 (12), CHEM 1100 (62), CHEM 1110 (62), CHEM 1122 (62), CHEM 1126 (62), COMP 1012 (73), COMP 1020 (15), COMP 2140 (15), COMP 3430 (15), MATH 1210 (68), MATH 1510 (40), MATH 1710 (30), MATH 2130 (91), MATH 2132 (91), MATH 3120 (15), MATH 3132 (60), MBIO 1220 or MBIO 1010 (12), PHYS 1070 (30), PHYS 2152 (30), STAT 2220 (91).

As mentioned in section H, the only impact is in terms of capacity and the financial impact on the Faculty of Science. We have carefully considered these factors and should be able to accommodate the increased enrolment. As there are no changes to course prerequisites no future submission to SCCCC is required from the Faculty of Science.

SECTION J – SIGNATURES

Department Approval: _____
Type Name Signature Date

Faculty/College/School Approval:
Sean McKenna Sean McKenna Digitally signed by Sean McKenna Date: 2021.10.13 11:18:02 -05'00' October 13, 2021
Type Name Signature Date



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A –UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

- Written English Mathematics RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021 Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

Arts is expected to see a proportion increase in enrollment demand in ANTH 2430, courses used to fulfill "W" and "I" requirements, and courses used to fulfill complementary studies electives (see Proposal - Appendix A).

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes. The completed form (Part B) is to be returned to the unit requesting support.

SECTION F –UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: Arts [Faculty of]

Department or Program: Choose one

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

The curricular changes being proposed have the support of the Faculty of Arts, though we do need to register with Senate and its Committees a few important consequences for our Faculty and for the broader resource and integrative planning decisions that affect Faculty budgets as a result of such curricular changes.

The demand for courses that expose Engineering students to important Indigenous knowledge, concepts and teachings can be met by Arts, but we will need to prioritize teaching allocations and resources to those 'I' classes, to meet the service teaching demand, possibly at the cost of program specific needs in our own units. Courses that Engineering has determined suitable for the Written English requirement are largely offered by the Faculty of Arts, but a review of and expansion of list might be warranted. Retaining the recommended choice status for PHIL 1290 as the complementary elective is appreciated.

The additional demand for ANTH 2430 will require specific allocation of resources to that single course. We will continue to work with the Department and the Price Faculty on suitable options.

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- **Indicate when your unit will submit corresponding changes to the SCCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCCC deadline indicated on the preceding page, in Section B.**

For the attention of SCCC and SPPC: we request that henceforth, major program changes that either increase or decrease demand for courses or credit hours beyond the requesting unit be required to conduct an assessment of likely budgetary impacts for the external units and that a new document indicating the impacts be added to the file. The budget model we now employ is directly dependent upon course enrollments both for in-program students, but also, significantly, for the Faculty of Arts, for the massive service teaching we supply.

Please see the attachment to this form.

SECTION J – SIGNATURES

Department Approval: _____
Type Name Signature Date

Faculty/College/School Approval:
Jeff Taylor _____ Jeffery Taylor _____ 20 Sep 2021 _____
Type Name Signature Date

Digitally signed by Jeffery Taylor
DN: cn=Jeffery Taylor, o, ou,
email=jeff.taylor@umanitoba.ca,
c=CA
Date: 2021.09.20 19:34:10 -0600

Appendix to Request for Support Document

Section I—Impact on Programs and Courses in Unit Responding and Action Required

RE: Price Faculty of Engineering Enrollment Increase Proposal

20 September, 2021

With regard to the Engineering proposal, should some or all of the new students come from outside the pool of students we are already drawing on, then there are likely to be instructional costs for the Faculty of Arts that exceed the revenue provided in the current budget model, and these additional costs would need to be covered from the funds available to fund the expansion of enrolment. Furthermore, if the 100 are drawn from students that are otherwise enrolled in the University, having just missed the cut-off for admission to Engineering under the previous limit, then other Faculties will lose out. Calculated at the lowest rate (Arts), this would result in \$339k of grant and tuition revenue disappearing from the bottom lines of all other Faculties' budgets, with no clear understanding of how changes to subvention might ease that pain.

Finally, there is an integrated research-funding dimension too. Adding new academic staff to teach Engineering courses likely means adding faculty researchers to Engineering (as it would be unlikely for the new Engineering staff to be teaching-stream Instructors only) and this will dilute the share other Faculties receive from the research portion of the formula.

Solutions to these issues need to be developed in concert with major course or program changes under the current budget model.

Jeff Taylor, Dean of Arts



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A – UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

- Written English Mathematics RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021 Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

Asper is expected to see a proportionate increase in enrollment in courses used for complementary studies electives (see Proposal - Appendix A) and in the Management minor. The exact courses are difficult to predict.

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*. The completed form (Part B) is to be returned to the unit requesting support.

SECTION F – UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: Management

Department or Program: Management, Faculty of (06)

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

The impact of the Price Faculty of Engineering's enrollment increase on Asper is not expected to be significant. The Asper School supports the Price Faculty's proposal.

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- **Indicate when your unit will submit corresponding changes to the SCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCC deadline indicated on the preceding page, in Section B.**

No significant impact is expected. The Management Minor has been poorly subscribed to by Engineering students. The increase in demand on other Asper courses is not expected to be focused on specific courses. Any such demand increase can be handled by the Asper School.

SECTION J – SIGNATURES

Department Approval: _____
Type Name Signature Date

Faculty/College/School Approval: _____
Type Name Signature Date

Gady Jacoby
Digitally signed by Gady Jacoby
Date: 2021.08.20 18:26:44 -05'00'



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A – UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

Written English

Mathematics

RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021

Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

FAFS is expected to see a proportionate increase in enrollment demand in courses (see Proposal - Appendix A) in for available specializations in Biosystems Engineering, up to 12 additional students per year.

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the [Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes](#). The completed form (Part B) is to be returned to the unit requesting support.

SECTION F –UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: Agricultural and Food Sciences

Department or Program: Choose one

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

The Faculty of Agricultural & Food Sciences (FAFS) is highly supportive of the increase in the number of graduating engineers in the province. The Department of Biosystems Engineering, which is an academic unit within FAFS, serves and provides skilled engineers to many agri-food, environmental, structural, and biomedical industry sectors in the province. An increased number of graduating biosystems engineers who can help grow these industries will therefore address skills gap in the Highly Qualified Personnel workforce.

There will likely be the need for additional resources in FAFS as a result of the expansion of student numbers in the Price Faculty of Engineering. Additional sections of courses taught by Biosystems Engineering faculty members may require consideration of Instructor hiring; additional demands on laboratories and additional TA/GM support. Additionally, a larger student body will lead to resource needs for effective undergraduate student administration. The Department teaches a first-year course (ENG 1430) that is a required course for all engineering students. Increased enrollment in the Price Faculty of Engineering will have the biggest impact on the resource requirements to staff who support this course. Downstream impact will be in all BIOE courses as class sizes will increase.

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- **Indicate when your unit will submit corresponding changes to the SCCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCCC deadline indicated on the preceding page, in Section B.**

The course ENG 1430 and Biosystems Engineering program in general will see increased enrollment. There will not be any impact on the content of ENG 1430 or the Biosystems Engineering program requirements.

SECTION J – SIGNATURES

Department Approval: Jitendra Paliwal Jitendra Paliwal Digitally signed by Jitendra Paliwal
Date: 2021.10.14 13:09:10 -05'00' October, 14, 2021
Type Name Signature Date

Faculty/College/School Approval: MG Scanlon martin Scanlon Digitally signed by martin Scanlon
Date: 2021.10.18 12:49:00 -05'00' October 18, 2021
Type Name Signature Date



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A –UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

- Written English Mathematics RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021 Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

Environment, Earth & Resources is expected to see a proportionate increase in enrollment demand in GEOL 1340, a required course in Civil Engineering (average of 19 additional students per year).

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*. The completed form (Part B) is to be returned to the unit requesting support.

SECTION F – UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: Environment, Earth, and Resources

Department or Program: Earth Sciences (007)

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

The proposed increase will have no impact on curricula. The Dept of Earth Sciences supports the initiative

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- **Indicate when your unit will submit corresponding changes to the SCCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCCC deadline indicated on the preceding page, in Section B.**

The course most likely to be affected is GEOL 1340. There will likely be an increase in demand, which will require additional resources such as TA's.

SECTION J – SIGNATURES

Department Approval: Alfredo Camacho Alfredo Camacho Digitally signed by Alfredo Camacho
Date: 2021.09.23 12:25:12 -05:00'

Type Name Signature Date

Faculty/College/School Approval: _____ Dr. Stephan Pflugmacher-Lima Digitally signed by Dr. Stephan Pflugmacher-Lima
Date: 2021.09.23 09:54:36 -05:00'

Type Name Signature Date



STATEMENT OF SUPPORT: PART A – REQUEST FOR ACTION
SCCCC Fall 2021/Spring 2022

Complete Sections A through D of this form. Send a copy, together with Part B and any additional supporting documentation, to unit(s) from which you are seeking a statement of support. The completed form (Sections A through E) is to be submitted to SCCC along with Statements of Support (Part B) received. See the *Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes*.

SECTION A – UNIT REQUESTING STATEMENT OF SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION B – REASON FOR REQUEST FOR SUPPORT

- possible curricular overlap or infringement or conflict of jurisdiction with another unit(s)
- possible curriculum/course changes in another unit(s) arising from proposed curriculum/course change in your unit
- possible impact on demand (increased or decreased) for a specific course(s) in another unit(s)
- other (Please elaborate below, in Section C.)

Request for assessment of course intended to satisfy:

- Written English Mathematics RIC List

Indicate the SCCC deadline your unit will meet: Fall 2021 Spring 2022

Indicate date on which request for support – Part A sent to other unit(s):

Request that a response be provided by the date indicated:

SECTION C – DESCRIPTION OF PROPOSED CURRICULUM/COURSE CHANGE

Briefly describe the proposed curriculum/course change in your unit and outline the request for support. Be as specific as possible, including with respect to the potential impact on courses/curricula in the other unit(s).

The Price Faculty of Engineering is proposing to increase its admission target from 364 to 482 by a consolidation of 18 seats in existing supernumerary admission categories and the addition of 100 new (additional) seats, benchmarked to entry into an engineering program in year 2 of a nominal 4-yr degree. The proposal allocates new seats to the 5 programs proportionately with a small degree of flexibility between programs. Implementation is proposed over 3 years: Fall/23: 30-35 additional students into year 2; Fall/24: 70-75 additional students into year 2; Fall/25: 118 additional students into year 2.

It is possible that U1 will see an increase in enrollment from students completing Preliminary Year courses through U1, with the intention on to apply to Engineering (Preliminary Year courses outlined in the Proposal - Appendix A).

SECTION D – UNIT(S) RECEIVING REQUEST FOR STATEMENT OF SUPPORT

List the faculties/colleges/schools/departments solicited for a statement of support.

U1, Faculty of Science, Faculty of Arts, Asper School of Business, Faculty of Agricultural & Food Sciences, Environment Earth & Resources.

SECTION E – STATEMENT(S) OF SUPPORT RECEIVED

Attach responses received from other units to your faculty/college/school submission to SCCC.



STATEMENT OF SUPPORT: PART B – RESPONSE & ACTION REQUIRED
SCCC Fall 2021/Spring 2022

Section F is to be completed by the unit requesting a statement of support. Sections G through J are to be completed by the unit responding to the request. See the [Guidelines for Completion of Undergraduate/Certificate Course and Curriculum Changes](#). The completed form (Part B) is to be returned to the unit requesting support.

SECTION F –UNIT REQUESTING SUPPORT

Faculty/College/School: Engineering

Department or Program: Engineering, Faculty of (03)

SECTION G – UNIT RESPONDING TO REQUEST

Faculty/College/School: University 1

Department or Program: Choose one

SECTION H – RESPONSE TO REQUEST

Identify any impacts on course/curricula in your unit. Indicate whether and why your unit supports the curriculum/course change or outline any specific concerns the proposing unit and SCCC should be aware of.

We are in support of Price Faculty of Engineering increasing their admission targets. First Year Centre (home of U1) is well equipped to support students who are targeting a specific academic programs as well as those who are undecided or are exploring.

Additionally, we are pleased to see increases for ENGAP as well as spots for international students.

See next page.

SECTION I – IMPACT ON COURSE(S)/PROGRAM(S) IN UNIT RESPONDING AND ACTION REQUIRED

- List courses/programs in your unit that would be impacted by the proposed course/curriculum changes.
- Describe the impact on your courses/programs and respond, in particular, to the reason for the request for support indicated on the preceding page, in Section B – Reason for Request for Support
- Indicate when your unit will submit corresponding changes to the SCCCC (e.g. Fall 2021 or Spring 2022). In most cases, this will be the SCCCC deadline indicated on the preceding page, in Section B.

SECTION J – SIGNATURES

Department Approval: _____
Type Name Signature Date

Faculty/College/School Approval:
Brandy Usick _____
Type Name Signature Date

Digitally signed by
Brandy Usick
Date: 2021.09.06
15:21:31 -05'00'



Information Services And Technology

Mario Lebar, CIO
Office 107C
Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Tel: (204) 474-8668

August 26, 2021

The University of Manitoba Information Services and Technology
Statement of Support

Faculty: Price Faculty of Engineering

INCREASE IN UNDERGRADUATE ADMISSION

Price Faculty of Engineering is proposing a 25% increase in the Engineering Undergraduate program: increasing from 364 students to 482 students across the five undergraduate programs.

Information Services and Technology can support this increase, as it was described in the documents provided and as described by the requesting area.

It is not expected that this proposed increase will affect Information Services and Technology's ability to continue to provide services such as:

- Service Desk first point of contact for request fulfillment and incident resolution for faculty and students,
- Endpoint Service & Support for the faculty's computers and devices,
- classroom audio visual support for faculty,
- access to university wide applications,
- application maintenance and,
- core infrastructure services such as email, communications infrastructure and network services,

Continued support of these services by Information Services and Technology is not expected to cause unusual or intolerable stress on IST's technical infrastructure or resources as a result of the increase.

Mario Lebar
Chief Information Officer

Date:

Mario
Lebar

Digitally signed by Mario Lebar
Date: 2021.08.30 14:16:07 -05'00'



**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. Marcia Friesen, Dean, Price Faculty of Engineering

FROM: Jeff Adams, University Registrar and Executive Director, Enrolment Services

DATE: September 3, 2021

SUBJECT: Admission target increase

I am in full support of the Price Faculty of Engineering's proposed admission target increase. This change will be viewed in an extremely positive manner by prospective students, locally and internationally. Our Student Recruitment Officers frequently provide me with feedback indicating that significant demand for the program exists; increasing the number of students admitted to the program will help us attract more very qualified students to the University of Manitoba.

The increase in available seats could result in an increased number of applicants and I can confirm that this increase in workload can be accommodated by the Admissions Office.

From a scheduling perspective, the proposal acknowledges the need to continue to utilize the full timetable, including scheduling numerous sections outside of prime time, to accommodate larger and in some instances new sections. Given this, I have no concerns from a scheduling perspective.

The Office of the Registrar and Enrolment Services looks forward to working with the Faculty in implementing this increase.

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

University of Manitoba Libraries
Statement for Program Modification



Faculty Price Faculty of Engineering
Program Proposed Increase in Enrollment

The Libraries' collection can support this program, as it was described in the documents provided.

Many of the Libraries' electronic resources, including ebooks and ejournals, allow unlimited access and will therefore be able to accommodate an increased enrollment. However, some of the electronic resources and books not available electronically do have limited access. It is recommended that faculty consult with the engineering librarian to determine the access available to resources before assigning them to a class.

It is not expected that this proposed change will affect the Libraries' ability to continue to provide services such as research and teaching support, reference assistance, document delivery. It is recommended that faculty keep the engineering liaison librarian informed of any assignments that would require library resources and any new areas of research so that they can see if adequate resources exist or add new resources, create subject guides, and help pages 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.

Marie Speare
Acting Head, Sciences Division
Engineering Liaison Librarian

Kristen Kruse

Kristen Kruse
Coordinator, Collections Management

LH per Lisa O'Hara

Lisa Hanson O'Hara
Vice Provost (Libraries) & University Librarian

August 13, 2021

Date



**University
of Manitoba**

Operations & Maintenance,
Physical Plant

89 Freedman Crescent
Winnipeg, Manitoba
Canada, R3T 2N2
Phone: (204) 474-6344

Date: September 7, 2021

To: Dean Marcia Friesen, Faculty of Engineering

From: Stephen Cumpsty, Director, Operations and Maintenance

Subject: Enrollment increase in Engineering

Operations & Maintenance has assigned 11 daytime caretaking staff and 2 evening caretaking staff, with no dedicate night or weekend support. This level of support will continue in the foreseeable future and is consistent with the level of support across campus.

The facilities assigned to Engineering are maintained in accordance with other facilities across campus and work will continue to be prioritized within the available funding level.

Based on our discussion, there is no anticipated increase in caretaking support and maintenance support from the increase in enrollment.

Stephen R. Cumpsty, M.Sc (FP&M), P.Eng
Director, Operations & Maintenance

Cc: Raman Dhaliwal, Acting AVP (Admin)



UNIVERSITY
OF MANITOBA

OFFICE OF RISK MANAGEMENT
&
SECURITY

MEMORANDUM

423 University Cres
University of Manitoba
Winnipeg, Manitoba
Canada, R3T 2N2

Tel: (204) 474-8709

To: Marcia Friesen, Dean, Faculty of Engineering,
From: Gord Perrier, Director Campus Security, UMSS
Date: July 26, 2021
Re: Undergraduate Admission Capacity, Faculty of Engineering (2023+)

Marcia,

It is my understanding that the Faculty of Engineering is advancing a proposal to increase its undergraduate admissions capacity over a three-year period beginning in 2023. Security Services has reviewed a general written outline and has no concerns respecting this proposal.

Life safety and security systems are well established at engineering and CCTV specifically is currently undergoing an upgrade. The proposal does not, with the information presented, appear to over-burden any of the systems or capacity limits in terms of evacuation or other emergency possibilities including programs within the *Emergency Notification System (ENS)* or *UM Safe Walk*. Should items be identified as this process unfolds Security Services commits to finding solutions that are workable within the established frameworks and industry guidelines.

We welcome the opportunity to provide our services to a larger university population and we look forward to working with you to advance these possibilities.

Regards,

G.T. (Gord) Perrier
Mobile: 431-276-0129
gordon.perrier@UManitoba.ca

August 13, 2021

Dr. Marcia Friesen
Dean, Price Faculty of Engineering

Re: Letter of Support for the Price Faculty of Engineering's Proposed Undergraduate Admission Target Increase

Dear Dr. Friesen:

Please accept this letter as the International College of Manitoba (ICM)'s confirmation of support on the Price Faculty of Engineering's proposed undergraduate admission target increase. As a program welcoming first-year international students from across the globe, we are confident this news will be well received by students who are seeking undergraduate degree options in Canada, particularly those interested in the various engineering disciplines offered at the University of Manitoba (UM).

Since the 2014-2015 academic year, the AGPA for international students has been extremely competitive, hovering around 4.00 and often nearly one full degree point above domestic students. As a result, many international students seek options with other engineering programs in Canada, whether from first year admission or as a transfer student for second year studies. The expansion of seats in the Price Faculty will attract more international students to explore their options with ICM and the UM.

With the [federal government of Canada seeking to increase immigration targets](#) and the [provincial government of Manitoba economic recovery and growth plans](#) to promote Manitoba as an immigration destination of choice, expanding the available seats in this professional program will support our ability to attract skilled and talented people to the province. ICM's latest college alumni survey results demonstrate that most students intend on working in Canada after completing their studies, signaling intent to enter the workforce and contribute to Manitoba's economic growth.

This admission target change would have no perceived negative impact on ICM's operations. The four courses moderated by the Price Faculty of Engineering have not been fully subscribed in past years; therefore, any increase in demand could be accommodated.

We therefore strongly support the Price Faculty of Engineering's proposal to increase admission targets.

Sincerely,



Robert Daudet
College Director & Principal

P: 204-292-3701
E: Robert.Daudet@icmanitoba.ca

Dr. Marcia Friesen, PhD, PEng
Dean, Price Faculty of Engineering
E2 – 290 Engineering Bldg.
University of Manitoba
Winnipeg, MB R3T 5V6

September 22, 2021

Dear Dr. Friesen,

RE: Increasing Undergraduate Enrollment.

I am writing to express support for the Price Faculty of Engineering and the initiative to increase undergraduate enrollment. As you know, Engineers Geoscientists Manitoba is the association of professional engineers and geoscientists with the mandate to regulate the practice of professional engineering and professional geoscience in this province. Intrinsic to our mandate, is the understanding of the importance of sustaining the professions for future generations. Educating future engineers is defined in the “end statement” referred to as E-6.

The Association monitors progress on End E-6 which states the following goals:

E-6 Consumers have access to a reasonable supply of practitioner services with the sub-goals:

- 6.1 Engineering and geoscience students enroll as interns.
- 6.2 Students in K to 12 view the professions as rewarding careers.
- 6.3 Post-secondary institutions and government are aware of the future needs of the professions.

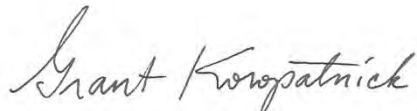
Some of the activities which we will undertake in response to any increases in student enrollment include:

- Regulatory policy changes that affect students during their education.
- Inviting undergraduate students to affiliate with EngGeoMB upon entry to the Price Faculty of Engineering.
- Providing support to students through the EngGeoMB Mentoring Centre and the Student Membership Program.
- Financial support to UMES for their extra-curricular activities such as conferences, competitions and social events.
- Tracking of graduates to determine future marketplace demands and timely program changes in collaboration with the Price Faculty of Engineering.

On behalf of Council, I express the commitment by EngGeoMB to support your proposal to the university's administration for increasing undergraduate student enrollment.

Should you have any questions, please contact me at (204) 474-2736 x-234 or **gkoropatnick@enggeomb.ca**

Yours truly,

A handwritten signature in black ink that reads "Grant Koropatnick". The signature is written in a cursive style with a large initial 'G'.

Grant Koropatnick, PEng, FEC
CEO & Registrar
Engineers Geoscientists Manitoba



August 23, 2021

Dean Marcia Friesen, P.Eng, Ph.D.
University of Manitoba
E2-290 EITC, Price Faculty of Engineering
Winnipeg, MB R3T 5V6

Dear Ms. Friesen,

Friends of Engineering is pleased to support the Price Faculty of Engineering's plans for an enrollment increase to its undergraduate engineering programs.

Friends of Engineering is a unique group of leaders from all sectors of engineering industry in Manitoba. Our membership includes firms that employ engineers to design and develop products and provide engineering services that are integral with the economic success of Manitoba. We have a keen interest in helping the Price Faculty of Engineering in its role as educator of Manitoba's next generation of innovators. To that end, our organization supports extra-curricular programs within the faculty that provide students with experiences that will serve them well as they enter the work force. As well, Friends support and host functions that allow employers and students to connect, all in an effort to help students find work in Manitoba, and employers find the engineers they need.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors.

Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, they're not proportionately choosing to study engineering. Notwithstanding that, over 90% of those that do choose to complete their studies in engineering, remain in Manitoba after graduation.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. Finding locally trained engineers is a key component to a successful and engaged workforce. For many employers, having engineers that understand local environments and culture is key to the work they do, while others see the advantages of having an employee that is happy to be in their home province, in a career that they will excel in.

We also appreciate the Price Faculty of Engineering's vision to use the opportunity of an enrollment increase to answer [Manitoba's Skills, Talent, and Knowledge Strategy](#) by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

In closing, Friends of Engineering and its members are in full support of the Price Faculty of Engineering's plans to increase enrollment, as this will have a direct benefit to many local industries and the economy of Manitoba.

Yours truly,

A handwritten signature in black ink that reads "Tom Malkiewicz". The signature is written in a cursive style with a large, sweeping flourish at the end.

Tom Malkiewicz, P.Eng., FEC
Board Chair – Friends of Engineering

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StandardAero Canada

To whom it may concern:

On behalf of Manitoba Aerospace Incorporated, I am pleased to send this letter of support regarding the Price Faculty of Engineering's plans for an enrollment increase of 25% in its undergraduate engineering programs.

Manitoba Aerospace is a not-for-profit and industry-led sector council that works to connect the local aerospace, aviation and defence industries to national and international markets. Manitoba Aerospace also strives to develop a world-class industry and workforce through partnerships with local educational institutions and other key stakeholders. The industry in Manitoba provides a diverse range of aerospace and defence manufactured products and components as well as in-service-supports; maintenance-repair-overall (MRO); innovation; research and development; and educational services. Manitoba is also home to OEM-led, state-of-the-art engine testing, and environmental certification research facilities. The membership of Manitoba Aerospace consists of forty-two companies with over 5,000 highly-skilled employees. Prior to the pandemic, the local sector generated more than \$2.4 Billion in sales.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with graduating strong engineers in all disciplines and serves as a main centre for research with and for Manitoba's key economic sectors. Manitoba Aerospace has a long history of collaboration with the Price Faculty of Engineering that dates back to the mid-1990s between the Faculty, Manitoba Aerospace, Boeing Canada Winnipeg, Magellan Aerospace, and StandardAero. This collaboration has also developed an MOU to establish the Aerospace Engineering Liaison Group (AELG). The agreement established an Aerospace Engineer-in-Residence with the Faculty, and a provision for aerospace curriculum and extra-curriculum activities for students and faculty. These activities have proven fruitful in engaging students with the aerospace sector early and continuously throughout their studies, as well as cultivating a strong aerospace engineering workforce for our sector's needs.


Engineers Canada data concludes that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. Students are choosing to go to college and university in Manitoba, but they are not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba's engineering programs.

Currently, the labour market demand for graduate and under-graduate engineers in Manitoba remains high. In early 2020, Manitoba Aerospace's Labour Market Information (LMI) Study indicated that between 2020 and 2024, the local aerospace industry would require additional Industrial Engineers (49), Aerospace Engineers (28) and Mechanical Engineers (28). The pandemic may have delayed the immediate need for these positions, but the industry has already started to reopen and will need additional under-graduate engineering resources as the sector projects to grow to meet the ever-increasing demand by the general public to travel by air.

Manitoba Aerospace also appreciates the Price Faculty of Engineering's vision to use the opportunity of an enrollment increase to incorporate [Manitoba's Skills, Talent, and Knowledge Strategy](#) by reaching out to groups who may not have previously envisioned themselves in this profession. This includes more outreach to the K-12 system, support for the highly regarded ENGAP for Indigenous students and the IEEQ Program for immigrant engineers. There is also a commitment to continue to explore more structured transfer programs with other post-secondary institutions in Manitoba and international exchange opportunities, as well as increased opportunities for International Students.

We support the Price Faculty of Engineering at the University of Manitoba in this laudable endeavor and look forward to opportunities to continue to work together in the future. Please do not hesitate to contact me should you require any further information on our experiences or perspectives on this very important matter.

Sincerely,



Wendell C. Wiebe M.Ed. B.A.
CEO
Manitoba Aerospace Inc.
(204) 960-3985
wwiebe@mbaerospace.ca

August 16, 2021

CME Manitoba greatly supportive of the Price Faculty of Engineering's plans for an enrollment increase of 25% to its undergraduate engineering programs. This is a crucial needed development for manufacturing in Manitoba.

CME is the manufacturing industry association representing the interests and addressing the needs of Manitoba manufacturers including all sub-sectors with the mission of helping them grow. Our team of close to 40 professionals (including several Professional Engineers) directly or through our connections supports firms in areas of productivity improvement (LEAN), advanced manufacturing / technology adoption, innovation, trade / business development, human resource development, and safety, as well as providing strategic executive leadership development. Finally, CME represents manufacturing concerns and opportunities to government, youth, and the community. It has been my privilege to lead this organization in Manitoba for over 15 years after having served as a board chair and member during my time as a Vice President of a large manufacturing enterprise.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors. CME Manitoba's member firms have a long history of collaboration with the Price Faculty of Engineering in this mandate, including co-op work placements for students, member firms as strong sponsors of student initiatives like extra-curricular design teams and student capstone projects, member firms supporting the Engineers-in-Residence (EIR) programs, and other programs.

More importantly, Engineering is of critical importance to manufacturing. Engineers are instrumental in driving product development, innovation, process improvement, and solutions to the many challenges of adding value to a product. They are needed to take advantage of the increasing technology options throughout the business and supply chain. In addition, Engineers are frequently in leadership roles throughout the organization and often in executive positions bringing the critical thinking and problem-solving skills required to the strategic level required to compete in a global marketplace. In Manitoba, we are faced with a shortage of Engineers and our members regularly identify this as a growth constraint for their business. It is a message I carry to the top governmental leaders of this province as well as to educational institutions and youth.

Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, but they're not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba engineering programs.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. Our manufacturing companies consistently identify a shortage of engineers as a limiting factor to growth and profitability with the consequences including lost business, reduced innovation, and in some cases moving production to other regions. The shortage is felt with some variation across all engineering disciplines. In short, this issue of an under supply of Engineering graduates has been detrimental to the growth and success of Manitoba manufacturers and our economy.

CME Manitoba also appreciates the Price Faculty of Engineering vision to use the opportunity of an enrollment increase to answer Manitoba's Skills, Talent, and Knowledge Strategy by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

Again, CME believes that the capacity to train engineers in Manitoba must be increased significantly and is very supportive of Price Faculty of Engineering's plans to do so. I would be willing to speak to any further need for support.



Ron Koslowsky

Divisional Vice President – Manitoba

ron.koslowsky@cme-mec.ca

Cell – (204) 612-6628

July 28, 2021

Marcia Friesen, P.Eng., Ph.D.
Professor & Dean, Price Faculty of Engineering
E2-290 EITC, Price Faculty of Engineering
University of Manitoba
Winnipeg, MB Canada R3T 5V6

The Association of Consulting Engineering Companies Manitoba (ACECOMB) is pleased to support the Price Faculty of Engineering's plans for an enrollment increase to its undergraduate engineering programs.

The Association of Consulting Engineering Companies – Manitoba (ACEC-MB), represents the business interest of Consulting Engineering Companies in Manitoba. Our association represents 28 member firms and is the voice of our 1600 plus members. ACEC-MB is an authoritative and trusted voice on how consulting engineering firms contribute to a strong economic, social, and environmental quality of life in Manitoba. Our member firms make valuable contributions to projects at all stages of development, from determining and defining the scope and setting preliminary budgets, through detailed design and construction to commissioning of the completed works.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors. The Price Faculty of Engineering is an Affiliate Member of ACEC-MB and has a long history of collaboration with the Association, including a Mentorship Program run by the ACEC-MB Young Professionals Committee, co-op work placements with our Member Firms, faculty sitting on ACEC-MB Committees and joint sponsorship and attendance and events.

Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, but they're not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba engineering programs.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. ACEC Member firms continue to need graduate engineers to join the labour force both as consulting engineers and as our clients working for many of our clients across the province in sectors of government and private industry. This includes graduate engineers in all disciplines. UM Grads make up many practicing engineers that work in the Consulting Business and we look forward the continuing this great tradition. A such, ACEC Manitoba member firms rely heavily on UM Grads becoming practicing professional engineers to keep our industry strong

ACEC-MB also appreciates the Price Faculty of Engineering vision to use the opportunity of an enrollment increase to answer [Manitoba's Skills, Talent, and Knowledge Strategy](#) by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

The ACEC-MB Board on behalf of our Member Firms is in full support of these initiatives and strongly supports an enrollment increase to the undergraduate engineering programs.

Thank you.

A handwritten signature in blue ink, appearing to read 'MS', is centered on a light blue rectangular background.

Mario Scerbo, P.Eng.
ACEC-MB Board President

August 10, 2021

Marcia Friesen
Professor & Dean, Price Faculty of Engineering
University of Manitoba
Winnipeg, MB
R3T 5V6

Dear Marcia,

The Vehicle Technology Centre (VTC) is pleased to support the Price Faculty of Engineering's plans for an enrollment increase to its undergraduate engineering programs.

The VTC represents the heavy equipment and vehicle manufacturers in Manitoba. The products our member companies design and manufacture represent 11% of our provincial exports and we employ 11% of Manitoba's direct manufacturing workforce. Since we design and build our product in Manitoba, we require the services of engineers of many disciplines.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors. As an example, the VTC brokered a multi-company collaborative research project presently underway with Matt Khoshdarregi in the Engineering robotics lab, investigating the use of robotic technology in a low volume flexible production environment. The knowledge gained in this project will be transformational in the integration of digital manufacturing in low volume flexible production in the future.

Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, but they're not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba engineering programs.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. With our member company's products and processes moving to more digital control, along with impending retirement of many of our engineers, our companies will require the services of new graduates to fill these positions, many with advanced skills in digital control. As a part of this initiative, we would appreciate the U of M considering blended degrees along the lines of Mechatronic programs currently offered in other universities in Canada to assist us in transforming to digitization as it continues to change the way we design and manufacture our products.

We also appreciate the Price Faculty of Engineering vision to use the opportunity of an enrollment increase to answer [Manitoba's Skills, Talent, and Knowledge Strategy](#) by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

In closing, The VTC supports the U of M Faculty of Engineering's initiative to increase the enrollment in the faculty.

Regards

A handwritten signature in blue ink that reads "Ron Vanderwees".

Ron Vanderwees
Program Director
Vehicle Technology Centre

Cc: N. Dudych – Executive Director - VTC



August 13, 2021

Marcia Friesen
Professor & Dean
Price Faculty of Engineering
Winnipeg, MB
R3T 5V6

Subject: Price Faculty of Engineering's undergraduate program

Ms. Friesen,

NFI Group is pleased to support the Price Faculty of Engineering's plans for an enrollment increase to its undergraduate engineering programs.

New Flyer and Motor Coach Industries (within the NFI Group of companies), both located in Winnipeg, are leaders in the North American transit industry. Leaders in innovation, engineering and manufacturing of heavy duty transit bus and highway coaches with more than 50% market share.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors. Over the years New Flyer and MCI have collaborated heavily with the 'U of M' engineering faculty on several points of common interest; Key Stone design projects, Operational Excellence, Advanced GD&T and Drawing Practices, numerous seminars and various other activities to promote the practice of Engineering are but a few past and present areas of cooperation. I myself have been actively involved with the faculty and have greatly enjoyed and benefitted from the engagement.

Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, but they're not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba engineering programs.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. The NFI Group's largest engineering groups are both located in Manitoba. To continue the R&D and 'productionization' of Battery Electric, Fuels Cell Electric and Automated Driving transit vehicles we need access to a deeper talent pool. Recruitment of talented engineers has been difficult. Hiring skill sets related to Electrical, Software & Controls and Mechatronics have been a significant challenge as we currently face a technology revolution in the transit industry. We are at the point where we may have to hire out of province since the pandemic has shown us that engineers can apparently 'engineer from





home'. We would strongly prefer to hire from within the province since the core of our engineering and manufacturing activity including prototype shops are in province.

We also appreciate the Price Faculty of Engineering vision to use the opportunity of an enrollment increase to answer Manitoba's Skills, Talent, and Knowledge Strategy by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

Manitoba has a strong, well-diversified engineering and manufacturing community that are very much in need of talented engineers. The university, in my opinion, is first class but it needs the engineering students to continue to make a difference within Manitoba and even Canada.

Sincerely,

Kirk Burcar, M.Eng., P.Eng.
Vice President, Engineering Services

NFI Group
711 Kernaghan Avenue
Winnipeg, Manitoba
R2C 3T4





MacDon Industries Ltd.

680 Moray Street, Winnipeg, Manitoba, Canada R3J 3S3
t. (204) 885-5590 f. (204) 832-7749 www.macdon.com

August 23, 2021

Marcia Friesen
Professor & Dean
Price Faculty of Engineering
Winnipeg, MB
R3T 5V6

Dear Ms. Friesen,

MacDon Industries Ltd. (MacDon) is pleased to support the Price Faculty of Engineering's plans for an enrollment increase to its undergraduate engineering programs.

For over 70 years, MacDon has been a world leader innovating and manufacturing high-quality, high-performance harvesting equipment. MacDon products are distributed and supported worldwide from offices in Canada, the United States, Australia, Russia, Brazil, and Germany.

MacDon's contributions to the MB economy include the employment of more than 1500 employees, 188 of which are Engineers in a variety of roles from our executive to the manufacturing and design organizations. MacDon has 475 active MB vendors who support the manufacturing of our products making up 35% of our annual vendor spend. MacDon equipment is sold around the globe with 10% of our Canadian Sales sold right in Manitoba including an additional 16% of our parts revenue to support that equipment, all of this impacting the Manitoba farm economy.

As Manitoba's only professional engineering school, the Price Faculty of Engineering is tasked with educating strong graduate engineers in all disciplines and serving as a main centre for research in Manitoba, with and for Manitoba's key economic sectors. MacDon has long had a fruitful relationship with the Price Faculty of Engineering. Since 2014 we have hired approximately 25 Engineering students terms of 4, 8 or 12 months to support testing of products in development. Annually, we support the Faculty through sponsorships in the range of \$20K, as well as have participate in Capstone projects and support the various SAE design groups. In 2016, MacDon provided a large donation to the Front and Centre Campaign which was used to establish the MacDon Fluid Power Hydraulics Teaching Laboratory. With the installation of this lab, a technical elective, Fluid Power Systems is now offered and through the Engineer in Residence (EiR) MacDon provides the resource to teach this course. In addition MacDon continues to support the Operations Excellence and Advanced Graphical Communications EiR program courses both monetarily and with the inclusion of students from our technical organization.

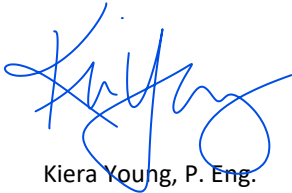
Engineers Canada data show that the per capita enrollment rate in engineering programs in Manitoba is well below the national average, although our post-secondary participation rate is at the national average. While students are choosing to go to college and university in Manitoba, but they're not proportionately choosing to study engineering. Historically, this has been due to a lack of space in University of Manitoba engineering programs.

At the same time, the labour market demand for graduate engineers in Manitoba remains high. MacDon is a product company. The demand for talented, creative and strongly educated engineers in this time of technological advancements requires the foundation of a comprehensive Engineering department, one that continues to assess their program offering and evolves to blended designations such as Mechatronics. This is realized by first increasing entry rates and then supporting their students through the curriculum to graduate grounded engineers with the skills to meet the demands of organizations for today and tomorrow.

We also appreciate the Price Faculty of Engineering vision to use the opportunity of an enrollment increase to answer [Manitoba's Skills, Talent, and Knowledge Strategy](#) by reaching out to groups who may not have previously envisioned themselves in this profession, including more outreach to K-12, support the ENGAP Program for Indigenous students and IEEQ Program for immigrant engineers, and explore more structured transfer programs with other post-secondaries in Manitoba and international exchange opportunities, and increased opportunities for International Students.

To remain competitive in ever increasingly global markets, our university must provide the opportunity to educate as many future engineers as the faculty can accommodate. This enables the businesses of Manitoba, like MacDon and many others, the talent necessary to meet the challenges of the future. Together we grow.

Regards,



Kiera Young, P. Eng.
Senior Vice President, Customers, Products & Services
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