

The following Motions and Documents were considered by the GFC Academic Planning Committee at its Wednesday, June 19, 2019 meeting:

Agenda Title: **Proposed Changes to the calendar language for the Faculty of Graduate Studies Professional Development Requirement for:**

- Faculty of Graduate Studies and Research
- Faculty of Law
- Faculty of Education: Department of Elementary Education, Educational Studies, and Health Sciences Education

CARRIED MOTION: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, approve the proposed revisions to the calendar language for the FGSR Professional Development in the Graduate Programs calendar entries for the following:

- Faculty of Graduate Studies and Research
- Faculty of Law
- Faculty of Education - Department of Elementary Education - Educational Studies - Health Sciences Education

as set forth in Attachment 1, to take effect upon approval and to be published in the 2020-2021 Calendar.

Final Motion: 5.

Agenda Title: **Proposed Changes to Existing Minimum Entrance Requirements , Transfer and Course Exemption Regulations for Graduate Programs, Faculty of Graduate Studies and Research**

CARRIED MOTION: THAT the GFC Academic Planning Committee receive for information, revisions to existing minimum entrance requirements, transfer credit and course exemption regulations for graduate programs, as approved by the GFC Academic Standards Committee, with delegated authority from General Faculties Council, on May 16, 2019.

Final Motion: 6.

Agenda Title: **Proposal for a Dual Master's Degree Program, University of Alberta (Faculty of Graduate Studies and Research and Department of Educational Psychology) and Beijing Normal University (BNU), People's Republic of China**

CARRIED MOTION: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, approve the proposal for a Dual Master's Degree Program, University of Alberta (Faculty of Graduate Studies and Research and Department of Educational Psychology) and Beijing Normal University (BNU), People's Republic of China, as set forth in Attachment 1, to take effect upon final approval.

Final Motion: 7.

Agenda Title: **Proposed Name Change of the Bachelor of Management in Business Economics to the Bachelor of Management and associated Substantive Program Changes, Augustana Faculty**

CARRIED MOTION: THAT the GFC Academic Planning Committee approve, with delegated authority from General Faculties Council, the proposal to rename the 'Bachelor of Management in Business Economics' degree offered through Augustana Faculty to the 'Bachelor of Management' degree, as set forth in Attachments 1-2 to take effect in Fall 2020.

CARRIED MOTION: THAT the GFC Academic Planning Committee approve, with delegated authority from General Faculties Council, the proposed program changes to the Bachelor of Management program in the Augustana Faculty, as set forth in Attachments 1-2, to take effect in Fall 2020.

Final Motions: 8.

Agenda Title: **Proposal for the Establishment of the CISC Centre for Steel Structures Education and Research (Steel Centre)**

CARRIED MOTION: THAT the GFC Academic Planning Committee, under delegated authority from General Faculties Council, approve the establishment of the CISC Centre for Steel Structures Education and Research (Steel Centre), as proposed by the Faculty of Engineering, and as contained in attachment 1, to be effective upon approval.

Final Motion: 9.

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FINAL Item No. 5

Governance Executive Summary
Action Item

Agenda Title	Proposed changes to the calendar language for the FGSR Professional Development requirement for <ul style="list-style-type: none"> • Faculty of Graduate Studies and Research, • Faculty of Law, • Faculty of Education: Department of Elementary Education, Educational Studies, and Health Sciences Education
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Motion

<p>THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, approve the proposed revisions to the calendar language for the FGSR Professional Development in the Graduate Programs calendar entries for the following:</p> <ul style="list-style-type: none"> • Faculty of Graduate Studies and Research • Faculty of Law • Faculty of Education <ul style="list-style-type: none"> ○ Department of Elementary Education ○ Educational Studies ○ Health Sciences Education <p>as set forth in Attachment 1, to take effect upon approval and to be published in the 2020-2021 Calendar.</p>
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Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Deborah Burshtyn, Interim Vice-Provost and Dean, Faculty of Graduate Studies and Research Paul Paton, Dean, Faculty of Law Jennifer Tupper, Dean, Faculty of Education
Presenter(s)	

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The proposal is before the committee because FGSR is clarifying the calendar language for the Professional Development Requirement.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>The FGSR Professional Development requirement must be met by all graduate students in all programs.</p> <p>Some graduate programs provide internal means for students to fulfill this requirement. For other programs, the requirement will automatically be met through the program.</p> <p>FGSR is clarifying the PD requirements section of our calendar by removing the calendar language that the PD requirement “does not apply” to students in programs offered by the faculties of Education and Law, and replacing it with a statement directing students to their graduate program entry for program-specific PD requirements. FGSR is also removing the word ‘exempt’.</p> <p>Standard calendar wording has been approved for programs where students fulfill the PD requirement through their program. There are parallel calendar changes from the Faculty of Law, Educational Studies, Elementary Education and Health Sciences Education to insert the standard wording into their graduate program entries, as they will no</p>

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	<p>longer be listed under the FGSR calendar entry.</p> <p>Note that in Education, the three remaining departments will update their calendar language in the Fall. As the calendar compliance project moves forward, the standard wording will be installed in applicable programs.</p>
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

Engagement and Routing (Include meeting dates)

<p>Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity)</p> <p><For information on the protocol see the Governance Resources section Student Participation Protocol></p>	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> • Faculty of Graduate Studies and Research • Faculty of Law • Faculty of Education
	<p><u>Those who have been consulted:</u></p> <ul style="list-style-type: none"> •
	<p><u>Those who have been informed:</u></p> <ul style="list-style-type: none"> •
<p>Approval Route (Governance) (including meeting dates)</p>	<p>Faculty of Graduate Studies and Research Calendar change: FGSR Council June 6, 2019</p> <p>Faculty of Law Calendar change: Law Faculty Council March 20 2018</p> <p>Elementary Education Calendar change: Graduate Academic Affairs Council (GAAC) on April 1, 2019</p> <p>Educational Studies and Health Sciences Education Calendar changes: Graduate Academic Affairs Council (GAAC) on June 3, 2019</p> <p>All: GFC Academic Planning Committee (consent agenda) June 19, 2019</p>

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Institutional Risk Indicator	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change	<input type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success

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	<input type="checkbox"/> Physical Infrastructure	
Legislative Compliance and jurisdiction	Cite reference to relevant legislation, policy, and governance committee(s) [title only is required].	

Attachments (each to be numbered 1 - <>)

1. Attachment 1: Calendar change for the Faculty of Graduate Studies and Research
2. Attachment 2: Calendar change for the Faculty of Law
3. Attachment 3: Calendar change for the Department of Elementary Education
4. Attachment 4: Calendar change for Educational Studies
5. Attachment 5: Calendar change for Health Sciences Education

Prepared by: Maria Chia, Graduate Calendar project specialist, mchia@ualberta.ca

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2-29 Triffo Hall Edmonton AB Canada T6G 2E1
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www.gradstudies.ualberta.ca

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>[...]</p> <p>Professional Development Requirement The University of Alberta considers professional development to be an important component of any graduate student's program of studies. Professional development is the active acquisition of skills, knowledge, and mindset to fully realize one's strengths and potential in all environments. It sets up individuals for success in achieving their goals while giving them the ability to meet, exceed and adapt to personal, career, and societal responsibilities within the context of a changing world.</p> <p>All graduate students at the University of Alberta are required to submit an individualized professional development plan to the department for their program of studies within 12 months of the program's commencement for master's students and within 18 months of the program's commencement for doctoral students. The plan is a career and skills assessment document that allows graduate students to consider their future careers and goals in an organized way and to map their participation in professional development activities in conjunction with their academic activities.</p> <p>Templates for an Individual Development Plan are available from the Faculty of Graduate Studies and Research. Graduate students are also required to spend at least eight hours on completing the activities proposed in their plan by time of program completion for master's students and by year three for doctoral students. Graduate students should consult directly with their department (or Faculty where nondepartmentalized) as to specific professional development requirements.</p> <p>All graduate students must submit evidence of the completion of this requirement to their department.</p> <p>The Professional Development Requirement does not apply to students in graduate programs offered by the Faculty of Education and the Faculty of Law.</p>	<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>[...]</p> <p>Professional Development Requirement The University of Alberta considers professional development to be an important component of any graduate student's program of studies. Professional development is the active acquisition of skills, knowledge, and mindset to fully realize one's strengths and potential in all environments. It sets up individuals for success in achieving their goals while giving them the ability to meet, exceed and adapt to personal, career, and societal responsibilities within the context of a changing world.</p> <p>All graduate students at the University of Alberta are required to submit an individualized professional development plan to the department for their program of studies within 12 months of the program's commencement for master's students and within 18 months of the program's commencement for doctoral students. The plan is a career and skills assessment document that allows graduate students to consider their future careers and goals in an organized way and to map their participation in professional development activities in conjunction with their academic activities.</p> <p>Templates for an Individual Development Plan are available from the Faculty of Graduate Studies and Research. Graduate students are also required to spend at least eight hours on completing the activities proposed in their plan by time of program completion for master's students and by year three for doctoral students. Graduate students should consult directly with their department (or Faculty where nondepartmentalized) as to specific professional development requirements.</p> <p>All graduate students must submit evidence of the completion of this requirement to their department.</p> <p>Graduate students may be required to meet the Professional Development requirement through program-specified means in certain graduate programs; students</p>

<p>A graduate student in <u>a non-exempt</u> program may seek exemption from the Professional Development Requirement with the approval of their supervisor (if thesis-based), the graduate coordinator, and the Dean of the Faculty of Graduate Studies and Research.</p> <p>For more information go the FGSR website at https://www.ualberta.ca/graduate-studies/professional-development/professional-development-requirement.</p>	<p><u>may also fulfill the Professional Development requirement through their program. See Graduate Programs.</u></p> <p>A graduate student in <u>any</u> program may seek exemption from the Professional Development Requirement with the approval of their supervisor (if thesis-based), the graduate coordinator, and the Dean of the Faculty of Graduate Studies and Research.</p> <p>For more information go the FGSR website at https://www.ualberta.ca/graduate-studies/professional-development/professional-development-requirement.</p>
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Justification:

The FGSR Professional Development requirement must be met by all graduate students in all programs.

Some graduate programs provide internal means for students to fulfill this requirement. For other programs, the requirement will automatically be met through the program.

FGSR is clarifying the PD requirements section of our calendar by removing the calendar language that the PD requirement “does not apply” to students in programs offered by the faculties of Education and Law, and replacing it with a statement directing students to their graduate program entry for program-specific PD requirements. FGSR is also removing the word ‘exempt’.

Standard calendar wording has been approved for programs where students fulfill the PD requirement through their program. There are parallel calendar changes from the Faculty of Law, Educational Studies, Elementary Education and Health Sciences Education to insert the standard wording into their graduate program entries, as they will no longer be listed under the FGSR calendar entry.

Note that in Education, the three remaining departments will update their calendar language in the Fall.

As the calendar compliance project moves forward, the standard wording will be installed in applicable programs.

Approved by: FGSR Policy Review Committee May 1, 2019
 FGSR Council June 6, 2019

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Graduate Programs</p> <p>Law [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements</p> <p>The Degree of LLM (Law) [Graduate]</p> <p>Program Requirements</p> <p>[...]</p> <p>Residency</p> <p>[...]</p> <p>The Degree of PhD (Law) [Graduate]</p> <p>[...]</p> <p>Program Requirements</p> <p>[...]</p> <p>Residency</p> <p>[...]</p>	<p>Graduate Programs</p> <p>Law [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements</p> <p>The Degree of LLM (Law) [Graduate]</p> <p>Program Requirements</p> <p>[...]</p> <p>Professional Development Requirement <u>Students in the thesis-based LLM program must satisfy the FGSR Professional Development Requirement.</u> <u>Students in the course-based LLM program fulfill the FGSR Professional Development Requirement through their program.</u></p> <p>Residency</p> <p>[...]</p> <p>The Degree of PhD (Law) [Graduate]</p> <p>[...]</p> <p>Program Requirements</p> <p>[...]</p> <p>Professional Development Requirement <u>Students in the PhD program must satisfy the FGSR Professional Development Requirement.</u></p> <p>Residency</p> <p>[...]</p>

<p>Justification:</p>	

Only the students in the course-based LLM programs are exempt from the PD requirement (Faculty of Law Council March 20, 2018)

FGSR is removing the exemption wording for the Faculty of Law from the FGSR Professional Development section of the calendar and replacing it with a reference to specific graduate programs for further information. Programs that automatically fulfill the PD requirement have approved standard wording to be inserted into their calendar entry.

Approved by: Law Faculty Council March 20 2018

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Graduate Programs</p> <p>Elementary Education [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements</p> <p>The Degree of MEd (Elementary Education) [Graduate]</p> <p>Program Requirements Two routes to the MEd degree are available: a thesis-based route and a course-based route. Requirements in the thesis-based route normally consist of ★21 plus a thesis. Requirements for the course-based MEd degree normally include graduate coursework equivalent to ★30 plus a capping experience (noncredit).</p> <p>There is no residence requirement for the thesis-based master’s program, but a one-year residency is recommended.</p> <p>[...]</p> <p>**New Calendar entry is being added as part of the calendar compliance project</p> <p>The Degree of EdD (Elementary Education) [Graduate]</p> <p>Program Requirements The EdD program requirements are individually defined and normally range from ★24 to ★48 plus a dissertation.</p>	<p>Graduate Programs</p> <p>Elementary Education [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements</p> <p>The Degree of MEd (Elementary Education) [Graduate]</p> <p>Program Requirements Two routes to the MEd degree are available: a thesis-based route and a course-based route. Requirements in the thesis-based route normally consist of ★21 plus a thesis. Requirements for the course-based MEd degree normally include graduate coursework equivalent to ★30 plus a capping experience (noncredit).</p> <p>Professional Development Requirement <u>Students in the MEd program fulfill the FGSR Professional Development Requirement through their program.</u></p> <p>There is no residence requirement for the thesis-based master’s program, but a one-year residency is recommended.</p> <p>[...]</p> <p>The Degree of MEd with a specialization in Curriculum and Pedagogy (Elementary Education) [Graduate]</p> <p>[...]</p> <p>Professional Development Requirement <u>Students in the MEd program with a specialization in Curriculum and Pedagogy fulfill the FGSR Professional Development Requirement through their program.</u></p> <p>[...]</p> <p>The Degree of EdD (Elementary Education) [Graduate]</p> <p>Program Requirements The EdD program requirements are individually defined and normally range from ★24 to ★48 plus a dissertation.</p>

<p>The residence requirement for the EdD program is met by the completion of 12 months of continuous full-time study.</p> <p>[...]</p> <p>The Degree of PhD (Elementary Education) [Graduate] Program Requirements</p> <p>The PhD program requirements are individually defined and normally range from ★24 to ★48 plus a dissertation.</p> <p>[...]</p>	<p>Professional Development Requirement <u>Students in the EdD program in Elementary Education must satisfy the FGSR Professional Development Requirement.</u></p> <p>The residence requirement for the EdD program is met by the completion of 12 months of continuous full-time study.</p> <p>[...]</p> <p>The Degree of PhD (Elementary Education) [Graduate] Program Requirements</p> <p>The PhD program requirements are individually defined and normally range from ★24 to ★48 plus a dissertation.</p> <p>Professional Development Requirement <u>Students in the PhD program in Elementary Education must satisfy the FGSR Professional Development Requirement.</u></p> <p>[...]</p>
<p>Justification: FGSR is removing the exemption wording for the Faculty of Education from the FGSR Professional Development section of the calendar and replacing it with a reference to specific graduate programs for further information. Programs that automatically fulfill the PD requirement have approved standard wording to be inserted into their calendar entry.</p> <p>Approved by: Faculty of Education Graduate Academic Affairs Council (GAAC) on April 1, 2019.</p>	

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Graduate Programs Educational Studies [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements The Degree of MEd (Educational Studies) [Graduate]</p> <p>Program Requirements</p> <p>[...]</p> <p>Elective Courses Information on elective courses is available at https://www.ualberta.ca/educational-studies/mesprogram/elective-courses.</p> <p>Length of Program</p> <p>[...]</p>	<p>Graduate Programs Educational Studies [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements The Degree of MEd (Educational Studies) [Graduate]</p> <p>Program Requirements</p> <p>[...]</p> <p>Elective Courses Information on elective courses is available at https://www.ualberta.ca/educational-studies/mesprogram/elective-courses.</p> <p><u>Professional Development Requirement</u> <u>Students in the MEd in Educational Studies fulfill the Faculty of Graduate Studies and Research Professional Development Requirement through their program.</u></p> <p>Length of Program</p> <p>[...]</p>
<p>Justification: FGSR is removing the exemption wording for the Faculty of Education from the FGSR Professional Development section of the calendar and replacing it with a reference to specific graduate programs for further information. Programs that automatically fulfill the PD requirement have approved standard wording to be inserted into their calendar entry.</p> <p>Approved by: June 3, 2019 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Graduate Programs Health Sciences Education [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements The Degree of MEd (Health Sciences Education) [Graduate]</p> <p>[...]</p> <p>Program Requirements</p> <p>[...]</p> <p>Thesis-Based Program Registration in 900-level THES.</p> <p>Length of Program</p> <p>[...]</p>	<p>Graduate Programs Health Sciences Education [Graduate]</p> <p>[...]</p> <p>Graduate Program Requirements The Degree of MEd (Health Sciences Education) [Graduate]</p> <p>[...]</p> <p>Program Requirements</p> <p>[...]</p> <p>Thesis-Based Program Registration in 900-level THES.</p> <p>Professional Development Requirement Students in the course-based and thesis-based MEd in Health Sciences Education fulfill the Faculty of Graduate Studies and Research Professional Development Requirement through their program.</p> <p>Length of Program</p> <p>[...]</p>
<p>Justification: FGSR is removing the exemption wording for the Faculty of Education from the FGSR Professional Development section of the calendar and replacing it with a reference to specific graduate programs for further information. Programs that automatically fulfill the PD requirement have approved standard wording to be inserted into their calendar entry.</p> <p>Approved by: June 3, 2019 by the Faculty of Education Graduate Academic Affairs Council (GAAC)</p>	

FINAL Item No. 6

Governance Executive Summary
Action Item

Agenda Title	Changes to Existing Minimum Entrance Requirements, Transfer Credit and Course Exemption Regulations for Graduate Programs, Faculty of Graduate Studies and Research
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Motion

<p>THAT the GFC Academic Planning Committee receive for information, revisions to existing minimum entrance requirements, transfer credit and course exemption regulations for graduate programs, as approved by the GFC Academic Standards Committee, with delegated authority from General Faculties Council, on May 16, 2019.</p>
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Item

Action Requested	<input checked="" type="checkbox"/> Receive for Information
Proposed by	Tammy Hopper, Chair, GFC Academic Standards Committee
Presenter(s)	

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	To revise existing Application and Admission requirements, and Transfer Credit and Course Exemption regulations for graduate programs.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>In 2017/18, the Faculty of Graduate Studies and Research embarked on a project to ensure that the regulations and requirements of all graduate programs were appropriately reflected in the University Calendar.</p> <p>Portions of the Application and Admission requirement policies currently reside in the Graduate Program Manual. They are being moved to the Calendar. Any rewording of the policy is for clarification. Existing sections from the Regulations of the Faculty of Graduate Studies and Research calendar are being reformatted for clarity.</p> <p>All proposed revisions reflect current practice as approved by FGSR Council.</p> <p>The revised minimum ELP requirements, highlighted in green, are included for information only and are part of a separate approval process.</p> <p>Portions of the Transfer Credit regulations currently reside in the Graduate Program Manual and are being moved to the calendar. Any rewording of the policy is for clarification. Existing sections from the Regulations of the Faculty of Graduate Studies and Research calendar are being reformatted for clarity.</p> <p>All proposed revisions reflect current practice as approved by FGSR Council.</p>
Supplementary Notes and context	<p>The attached changes were approved by GFC Academic Standards Committee, with delegated authority from General Faculties Council, on May 16, 2019, and come forward to APC for information.</p> <p>The changes to the English Language Proficiency Requirements,</p>

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	highlighted in green, were considered by APC on May 8, 2019, and recommended for GFC approval. GFC will consider this proposal on September 23, 2019.
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Engagement and Routing (Include meeting dates)

<p>Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity)</p>	<p><u><i>Those who are actively participating:</i></u></p> <ul style="list-style-type: none"> • Policy Review Committee (sub-committee of FGSR Council), which includes GSA representation and the Graduate Ombudsman
<p><For information on the protocol see the Governance Resources section Student Participation Protocol></p>	<p><u><i>Those who have been consulted:</i></u></p> <ul style="list-style-type: none"> •
	<p><u><i>Those who have been informed:</i></u></p> <ul style="list-style-type: none"> •
<p>Approval Route (Governance) (including meeting dates)</p>	<p>FGSR Council April 24, 2019 GFC ASC Subcommittee on Standards May 2, 2019 GFC Academic Standards Committee May 16, 2019 GFC Academic Planning Committee June 19, 2019</p>

Strategic Alignment

<p>Alignment with <i>For the Public Good</i></p>	<p>OBJECTIVE 21: Encourage continuous improvement in administrative, governance, planning and stewardship systems, procedures, and policies that enable students, faculty, staff, and the institution as a whole to achieve shared strategic goals.</p>		
<p>Alignment with Institutional Risk Indicator</p>	<p>Please note below the specific institutional risk(s) this proposal is addressing.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success </td> </tr> </table>	<input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
<input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success		
<p>Legislative Compliance and jurisdiction</p>	<p>Post-Secondary Learning Act (PSLA) UAPPOL Admissions Policy UAPPOL Academic Standing Policy GFC Academic Standards Committee (ASC) Terms of Reference GFC Academic Planning Committee (APC) Terms of Reference</p>		

Attachments (each to be numbered 1 - <>)

1. Attachment 1 Application and Admission Requirements
2. Attachment 2 Transfer Regulations

Killam Centre for Advanced Studies
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Tel: 780.492.2816 / Fax: 780.492.0692
www.gradstudies.ualberta.ca

2020-2021 University of Alberta Proposed Calendar Graduate Program Changes:

Current	Proposed
<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>The general Faculty regulations outlined below apply to all graduate students. Faculty regulations specific to particular degree programs are found under the appropriate program heading in Graduate Programs.</p> <p>Application for Admission [moved below to Graduate Admission] All documents submitted to the Faculty of Graduate Studies and Research in support of an application for admission become the property of the Faculty of Graduate Studies and Research and will not subsequently be released or copied except to other University of Alberta offices, at the request of the student.</p> <p>Reference letters are collected under the <i>Freedom of Information and Protection of Privacy Act</i> and the <i>Post-Secondary Learning Act</i>. They are required by the University to evaluate applicants for admission to a graduate program and for scholarship and other funding purposes. Reference letters are considered to be supplied in confidence and will be used only by individuals and committees who evaluate applicants.</p> <p>Application deadlines are set by many departments and non-departmentalized Faculties, and should be consulted</p>	<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>The general Faculty regulations outlined below apply to all graduate students. Faculty regulations specific to particular degree programs are found under the appropriate program heading in Graduate Programs.</p> <p>Application for Admission</p> <p>Graduate applications are submitted to the departments offering the program via the online portal.</p> <p>Application deadlines specific to particular degree programs are found under the appropriate program heading in Graduate Programs.</p> <p>Applicants are required to upload documents from all accredited postsecondary institutions that they have attended. See Application Requirements for Academic Documents on the FGSR website for further information on the criteria for uploaded documents to be accepted.</p> <p>Transcripts uploaded on the online application portal are considered to be unofficial documents.</p> <p>Reference letters are collected under the <i>Freedom of Information and Protection of Privacy Act</i> and the <i>Post-Secondary Learning Act</i>. They are required by the University to evaluate applicants for admission to a graduate program and for scholarship and other funding purposes. Reference letters are considered to be supplied in confidence and will be used only by individuals and committees who evaluate applicants.</p>

by the applicants.

[moved below to Graduate Admission]

In accordance with the University's Admissions Policy, all admission decisions are final and there is no formal appeal to any body or person within the Faculty or the University.

Admission

Individuals seeking admission should review the University of Alberta Code of Applicant Behaviour.

Amendments to the Code of Applicant Behaviour occur throughout the year. The official version of the Code of Applicant Behaviour, as amended from time to time is housed on the University Governance website at www.governance.ualberta.ca.

The minimum requirements for admission to the Faculty of Graduate Studies and Research are outlined below. Some departments and non-departmentalized Faculties impose additional admission requirements.

Even though an applicant may appear to satisfy the minimum admission requirements, acceptance into a graduate program is not guaranteed.

Academic Requirements

In making its admission decisions, the University of Alberta strives to optimize the students' opportunity to succeed academically, while maintaining a high standard in its graduate programs.

Applicants for admission must have obtained a University of Alberta baccalaureate degree or its academic equivalent from this or another recognized academic institution.

Qualified applicants with a three-year undergraduate degree from a Bologna-compliant or another recognized research-intensive university will be considered for admission in the normal way.

Applicants will not be admissible to a doctoral degree program at the University of Alberta if they have previously obtained a similar or identical degree.

Please see [Evaluation Procedures and Grading System of the University Calendar for the University of Alberta grading system](#).

Individuals applying to graduate programs are subject to the University of Alberta [Code of Applicant Behaviour](#).

Graduate Program Entrance Requirements

The minimum requirements for admission to the Faculty of Graduate Studies and Research are outlined below. Departments and non-departmentalized Faculties may impose additional admission requirements. See [Graduate Programs](#).

Admissions to graduate programs are made on a competitive basis. Even though an applicant may satisfy the minimum admission requirements, acceptance into a graduate program is not guaranteed.

In making its admission decisions, the University of Alberta strives to optimize the students' opportunity to succeed academically, while maintaining a high standard in its graduate programs.

Academic Requirements

Applicants for admission must have obtained a University of Alberta baccalaureate degree or an equivalent qualification from another recognized academic institution.

Qualified applicants with a three-year undergraduate degree from a Bologna-compliant or another recognized research-intensive university will be considered for admission in the standard way.

Applicants will not be admissible to a doctoral degree program at the University of Alberta if they have previously obtained a similar or identical degree.

The minimum Admission Grade Point Average (AGPA) required for admission to a graduate program ~~at the University of Alberta is~~ 3.0, equivalently, a letter grade B. Many graduate programs have higher minimum AGPA requirements, see [Graduate Programs of the University Calendar](#).

~~For detailed information on the calculation of the AGPA, please consult the Graduate Program Manual, §5.11. Please consult §5 of the Graduate Program Manual for information and regulations concerning international grading systems and their evaluation.~~

[moved below to Graduate Admission]

The decision to admit an applicant to a graduate program is made by that program.

Moved above to after Academic Requirements]

English Language Requirement

Since English is the primary language of instruction and communication at the University of Alberta (except for Faculté Saint-Jean), proficiency in English is a prerequisite for graduate admission.

All applicants must demonstrate English language proficiency prior to admission either by:

- Possession of a degree or its academic equivalent from an academic institution recognized by the University of Alberta, in which the language of instruction is English.
- or
- A satisfactory score on an approved English language examination as described below.

Notwithstanding the above, graduate programs reserve the right to require a further demonstration of English language proficiency.

The Faculty of Graduate Studies and Research recognizes five English language examinations:

- the Test of English as a Foreign Language (TOEFL)
- the Michigan English Language Assessment Battery (MELAB)
- the International English Language Testing System (Academic IELTS)
- the Canadian Academic English Language (CAEL)

The minimum Admission Grade Point Average (AGPA) required for admission to a graduate program is 3.0, equivalently, a letter grade B, on the 4-point scale from the University of Alberta, or an equivalent standing. Many graduate programs have higher minimum AGPA requirements. See [Graduate Programs](#).

The admission GPA will be calculated on the last ★ 60 of graded coursework completed at the time of application, or on the equivalent of the last two years of full-time graded coursework.

In exceptional cases, applicants who do not meet the minimum admission requirements but who have demonstrated significant life experience may be considered for admission. Admission on the basis of life experience requires the recommendation of the department offering the program and is subject to approval by the Dean, FGSR.

[Moved up from below Aboriginal Applicants]

English Language Requirement

Since English is the primary language of instruction and communication at the University of Alberta (except for Faculté Saint-Jean), proficiency in English is a prerequisite for graduate admission.

All applicants must demonstrate English language proficiency prior to admission either by:

- Possession of a degree or its academic equivalent from an academic institution recognized by the University of Alberta, in which the language of instruction is English.
- or
- A satisfactory score on an approved English language examination as described below.

Notwithstanding the above, graduate programs reserve the right to require a further demonstration of English language proficiency.

The Faculty of Graduate Studies and Research recognizes five English language examinations:

- the Test of English as a Foreign Language (TOEFL)
- the Michigan English Language Assessment Battery (MELAB)
- the International English Language Testing System (Academic IELTS)

- Assessment
- the Pearson Test of English Academic (PTE Academic).

The minimum acceptable scores are:

- TOEFL: total score of 88 with a score of at least 20 on each of the individual skill areas (internet-based) or equivalent
- MELAB: 85
- Academic IELTS: 6.5, with at least 5.5 on each test band.
- CAEL: overall 60 with at least 60 on each subtest.
- PTE Academic: 59.

The University will receive PTE Academic results electronically directly from Pearson at the request of the applicant. Applicants with results from other examinations should arrange for their English language test results to be sent directly to the graduate program.

Individual graduate programs may require higher scores. Consult the appropriate departmental information in [Graduate Programs](#).

- the Canadian Academic English Language (CAEL) Assessment
- the Pearson Test of English Academic (PTE Academic).

The **FGSR** minimum acceptable scores are:

- TOEFL: total score of 90 with a score of at least 21 on each of the individual skill areas (internet-based) or equivalent;
- MELAB: 85 with a minimum band score of 80 and a minimum score of 3 on the speaking component;
- Academic IELTS: 6.5, with at least 5.5 on each test band.
- CAEL: overall 70 with at least 60 on each subtest.
- PTE Academic: 61 with a minimum band score of 60. Applicants who take the Pearson test must request that this University be given access to their score.

Individual graduate programs may require higher scores. Consult the appropriate departmental information in [Graduate Programs](#).

EAP 550

The [English Language School](#) in the Faculty of Extension offers EAP 550 ([Academic English for Graduate Admission](#)) which may provide an alternate method of satisfying the FGSR minimum acceptable score.

Applicants interested in this course must contact their prospective graduate program to verify language proficiency requirements.

If applicable, departments may consider the following options in utilizing EAP 550 to satisfy the English language requirement for an application for admission:

- the applicant successfully complete EAP 550 with a result of CR before applying to a graduate program. OR
- the applicant be conditionally admitted to a graduate program subject to the successful completion of EAP 550 prior to the start date of the graduate program.

In no case will the applicant be registered in the FGSR until the EAP 550 course has been successfully completed.

Graduate Admission

[moved from Academic Requirements]

The decision to admit an applicant to a graduate program is made by that program.

<p>Admission with Conditions</p> <p>In certain circumstances, the Faculty of Graduate Studies and Research or the academic unit may impose conditions on an applicant's admission. Such circumstances include academic qualifications that are difficult to assess or below the minimum standards required by the program.</p> <p>The conditions will be clearly stated in the admission letter followed by the statement that if the student fails to satisfy the stated conditions by the required deadlines, the student may not be allowed to continue in the program.</p> <p>Examples of admission conditions include:</p> <ul style="list-style-type: none"> • The requirement for the receipt of various documents. • The successful completion of a specific English Language Proficiency test. • The requirement to take a specific set of courses, and achieve certain grades, or grade point averages, within a specified time. <p>An applicant who has met some or all of their admission</p>	<p><u>Official Admission Letters are issued by the Faculty of Graduate Studies and Research. Offers of admission are only valid for the term and program specified on the admission letter.</u></p> <p><u>Once admitted, students are required to provide official transcripts from all accredited postsecondary institutions that they have attended. See Admission with Conditions.</u></p> <p><u>In order to be eligible for scholarships, students must provide official transcripts from all accredited postsecondary institutions that they have attended.</u></p> <p><u>Official documents must be sent directly from the post-secondary institution to the Faculty of Graduate Studies and Research.</u></p> <p>[moved from Application for Admission]</p> <p>All documents submitted to the Faculty of Graduate Studies and Research in support of an application for admission become the property of the Faculty of Graduate Studies and Research and will not subsequently be released or copied except to other University of Alberta offices, at the request of the student.</p> <p>[moved down from Application for Admission]</p> <p>In accordance with the University's Admissions Policy, all admission decisions are final and there is no formal appeal to any body or person within the Faculty or the University.</p> <p>Admission with Conditions</p> <p>In certain circumstances, the Faculty of Graduate Studies and Research or the academic unit may impose conditions on an applicant's admission. Such circumstances include academic qualifications that are difficult to assess or below the minimum standards required by the program.</p> <p>The conditions will be clearly stated in the admission letter followed by the statement that if the student fails to satisfy the stated conditions by the required deadlines, the student may not be allowed to continue in the program.</p> <p>Examples of admission conditions include:</p> <ul style="list-style-type: none"> • receipt of official documents from all accredited postsecondary institutions • successful completion of a specific English Language Proficiency test • the requirement to take a specific set of courses, and achieve certain grades, or grade point averages, within a specified time. <p>An applicant who has met some or all of their admission</p>
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conditions prior to arrival at the University of Alberta may request confirmation of the fact from the FGSR.

In the absence of exceptional circumstances, students admitted with conditions will not be permitted to register in project courses.

In no circumstances will students admitted with conditions be permitted to register in directed reading courses.

If a student meets all of the conditions of admission, they may continue in the program; if not, the department will recommend, in writing, one of the following to the Dean, FGSR:

1. That the deadline for meeting the unfulfilled condition(s) be extended, with no new conditions being imposed.
2. That the student be granted another term with conditions. This recommendation must include (a) an indication of how the Failure in or Failure to Complete a Course in the first term of registration will be managed (see [Failure in or Failure to Complete a Course or Research Work](#) of the University Calendar) and (b) specification of a minimum number of graduate-level courses which are to be taken by the student and the minimum academic performance required.
3. That the student not be permitted further registrations in the program. This written recommendation to the Faculty of Graduate Studies and Research must include a rationale for this decision.

Any student who does not meet the conditions of a second term of registration will not be permitted to continue in the program.

Aboriginal Applicants

The University of Alberta is committed to the recruitment, retention and graduation of Aboriginal students. The University also recognizes that Aboriginal applicants have traditionally been under represented in higher education and strives towards having the University's Aboriginal student population attain a level that is at least proportionate to the Aboriginal population of the province.

For the definition of an Aboriginal applicant, please see [Definition of Aboriginal People for the Purpose of Admission](#) of the University Calendar.

In accordance with the Faculty of Graduate Studies and

conditions prior to arrival at the University of Alberta may request confirmation of the fact from the FGSR.

In the absence of exceptional circumstances, students admitted with conditions will not be permitted to register in **900-level** project courses **until the conditions have been cleared**.

In no circumstances will students admitted with conditions be permitted to register in directed reading courses **until the conditions have been cleared**.

If a student meets all of the conditions of admission, they may continue in the program; if not, the department will recommend, in writing, one of the following to the Dean, FGSR:

- That the deadline for meeting the unfulfilled condition(s) be extended, with no new conditions being imposed.
- That the student be granted another term with conditions. This recommendation must include (a) an indication of how the Failure in or Failure to Complete a Course in the first term of registration will be managed (see [Failure in or Failure to Complete a Course or Research Work](#) of the University Calendar) and (b) specification of a minimum number of graduate-level courses which are to be taken by the student and the minimum academic performance required.
- That the student not be permitted further registrations in the program. This written recommendation to the Faculty of Graduate Studies and Research must include a rationale for this decision.

Any student who does not meet the conditions of a second term of registration will not be permitted to continue in the program.

Aboriginal Applicants

The University of Alberta is committed to the recruitment, retention and graduation of Aboriginal students. The University also recognizes that Aboriginal applicants have traditionally been under represented in higher education and strives towards having the University's Aboriginal student population attain a level that is at least proportionate to the Aboriginal population of the province.

For the definition of an Aboriginal applicant, please see [Definition of Aboriginal People for the Purpose of Admission](#) of the University Calendar.

In accordance with the Faculty of Graduate Studies and

Research admission policy, Aboriginal applicants may be considered for admission on the basis of their life experience. The Faculty of Graduate Studies and Research advocates the admission of Aboriginal applicants by individual departments.

[Moved above to after Academic Requirements]

English Language Requirement

Since English is the primary language of instruction and communication at the University of Alberta (except for Faculté Saint-Jean), proficiency in English is a prerequisite for graduate admission.

All applicants must demonstrate English language proficiency prior to admission either by:

1. Possession of a degree or its academic equivalent from an academic institution recognized by the University of Alberta, in which the language of instruction is English.
- or
2. A satisfactory score on an approved English language examination as described below.

Notwithstanding the above, graduate programs reserve the right to require a further demonstration of English language proficiency.

The Faculty of Graduate Studies and Research recognizes five English language examinations:

- the Test of English as a Foreign Language (TOEFL)
- the Michigan English Language Assessment Battery (MELAB)
- the International English Language Testing System (Academic IELTS)
- the Canadian Academic English Language (CAEL) Assessment
- the Pearson Test of English Academic (PTE Academic).

The minimum acceptable scores are:

- TOEFL score is 550 (paper-based), or a total score of 88 with a score of at least 20 on each of the individual skill areas (internet-based)
- MELAB: 85
- Academic IELTS: 6.5, with at least 5.5 on each test band.
- CAEL: overall 60 with at least 60 on each subtest.
- PTE Academic: 59.

The University will receive PTE Academic results electronically directly from Pearson at the request of the applicant. Applicants with results from other examinations should arrange for their English language test results to be sent directly to the graduate program. Individual graduate programs may require higher scores. Consult the appropriate departmental information in [Graduate Programs](#).

Research admission policy, Aboriginal applicants may be considered for admission on the basis of their life experience. The Faculty of Graduate Studies and Research advocates the admission of Aboriginal applicants by individual departments.

University of Alberta Staff as Graduate Students

University of Alberta staff may be considered for admission to graduate programs provided the academic unit has reviewed the case and established that conflict of interest between the candidate's role as staff member and as graduate student will be absent or minimal.

[moved up from below registration requirements]

Classification of Graduate Students

The classification of students is generally determined upon admission to a program on the basis of the student's previous academic background. Graduate students at the University of Alberta are classified as one of the following:

1. Qualifying graduate students are those whose academic background entitles them to serious consideration for admission to graduate studies but who are considered to be inadequately prepared to enter a graduate program in the subject area they have chosen. Generally, students who hold a three-year bachelor's degree from the University of Alberta (or an equivalent qualification from some other recognized institution) and students who have graduated from a four-year degree program, but who are entering a new field, may be admitted as qualifying graduate students.

Qualifying graduate students are registered in the Faculty of Graduate Studies and Research and as such are subject to the regulations of the Faculty of Graduate Studies and Research; however, qualifying students are not considered to be candidates for a degree.

Students who are not eligible for admission to the Faculty of Graduate Studies and Research as qualifying students should consult the appropriate undergraduate Faculty regarding admission to that Faculty to clear course deficiencies. They may apply for admission to the Faculty of Graduate Studies and Research at a later date.

Normally, a qualifying period will not exceed five full course equivalents (★30). Courses taken during a qualifying period will be specified by the department concerned. Completion of the work in a qualifying period does not automatically entitle the student to proceed toward a degree program. However, upon satisfactory completion of a qualifying period the department may recommend to the Faculty of Graduate Studies and Research that the student be reclassified as a master's or doctoral degree student. Students should note that neither the courses taken nor the fees paid during a qualifying period will be

University of Alberta Staff as Graduate Students

University of Alberta staff may be considered for admission to graduate programs provided the academic unit has reviewed the case and established that conflict of interest between the candidate's role as staff member and as graduate student will be absent or minimal.

[moved up from below registration requirements]

Classification of Graduate Students

The classification of students is generally determined upon admission to a program on the basis of the student's previous academic background. Graduate students at the University of Alberta are classified as one of the following:

1. **Qualifying graduate students** are those whose academic background entitles them to serious consideration for admission to graduate studies but who are considered to be inadequately prepared to enter a graduate program in the subject area they have chosen.

Qualifying graduate students are registered in the Faculty of Graduate Studies and Research and as such are subject to the regulations of the Faculty of Graduate Studies and Research; however, qualifying students are not considered to be candidates for a degree.

Normally, a qualifying period will not exceed five full course equivalents (★30). Courses taken during a qualifying period will be specified by the department concerned. Completion of the work in a qualifying period does not automatically entitle the student to proceed toward a degree program. However, upon satisfactory completion of a qualifying period the department may recommend to the Faculty of Graduate Studies and Research that the student be reclassified as a master's or doctoral degree student. Students should note that neither the courses taken nor the fees paid during a qualifying period will be credited toward a subsequent degree program.

credited toward a subsequent degree program.

2. Degree students are those who are registered in an approved program leading to a master's or doctoral degree granted by the University of Alberta.
3. Graduate diploma students and graduate certificate students are those who are registered in an approved program leading to a graduate diploma or certificate granted by the University of Alberta. Such students must meet the general admission requirements of the Faculty of Graduate Studies and Research ([Admission](#)), unless different admission criteria are approved by FGSR Council. These can normally be completed in one academic year of full-time study. The graduate diploma is designed for persons who have had previous work experience.
4. Special graduate students are those who take graduate level courses for credit without proceeding toward an advanced degree at the University of Alberta. Such students must meet the general admission requirements of the Faculty of Graduate Studies and Research. Special graduate students are not candidates for a degree at this University and will not receive any residence or fee credit toward a subsequent degree program for the work completed as a special graduate student. In addition, the number of courses allowable for transfer credit is limited (see [Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment](#)). Admission as a special graduate student does not imply eligibility for admission to a degree program in any department. Individuals who wish to study under this classification must apply and be admitted each year in which they take courses. Special graduate students require a written recommendation from the department concerned to register in a course. They are not permitted to take courses for audit. Only graduate level courses may be taken by special graduate students. Individuals wishing to take courses at undergraduate levels should contact the appropriate Faculty regarding registration as a special student in that Faculty.
5. Visiting graduate students are those who are registered in a graduate degree program at another university or college, who have obtained written permission in advance from the home and host institutions to take one or more courses for transfer of credit toward that graduate degree program. Visiting students are not permitted to

[See Criteria for Transfer Credit.](#)

2. **Degree students** are those who are registered in an approved program leading to a master's or doctoral degree granted by the University of Alberta.
3. **Graduate diploma students and graduate certificate students** are those who are registered in an approved program leading to a graduate diploma or certificate granted by the University of Alberta. Such students must meet the [general admission requirements](#) of the Faculty of Graduate Studies and Research. These can normally be completed in one academic year of full-time study.
4. **Special graduate students** are those who take graduate level courses for credit without proceeding toward an advanced degree at the University of Alberta. Such students must meet the general admission requirements of the Faculty of Graduate Studies and Research. Special graduate students are not candidates for a degree at this University and will not receive any residence or fee credit toward a subsequent degree program for the work completed as a special graduate student. In addition, the numbers of courses allowable for transfer credit is limited (see [Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment](#)). Admission as a special graduate student does not imply eligibility for admission to a degree program in any department. Individuals who wish to study under this classification must apply and be admitted each year in which they take courses. Special graduate students require a written recommendation from the department concerned to register in a course. They are not permitted to take courses for audit. Only graduate level courses may be taken by special graduate students.
5. **Visiting graduate students** are those who are registered in a graduate degree program at another university or college, who have obtained written permission in advance from the home and host institutions to take one or more courses, including RSCH 900 – Graduate Research.

register in thesis or departmental project courses.

6. Postgraduate medical education (PGME) students have the option of paying fees to the Graduate Students' Association (see [Fall 2017/Winter 2018 Graduate Instructional and Non-Instructional Fees](#)).

Registration

[...]

[moved up to just after University of Alberta Staff as Graduate Students]

Classification of Graduate Students

The classification of students is generally determined upon admission to a program on the basis of the student's previous academic background. Graduate students at the University of Alberta are classified as one of the following:

7. Qualifying graduate students are those whose academic background entitles them to serious consideration for admission to graduate studies but who are considered to be inadequately prepared to enter a graduate program in the subject area they have chosen. Generally, students who hold a three-year bachelor's degree from the University of Alberta (or an equivalent qualification from some other recognized institution) and students who have graduated from a four-year degree program, but who are entering a new field, may be admitted as qualifying graduate students.

Qualifying graduate students are registered in the Faculty of Graduate Studies and Research and as such are subject to the regulations of the Faculty of Graduate Studies and Research; however, qualifying students are not considered to be candidates for a degree.

Students who are not eligible for admission to the Faculty of Graduate Studies and Research as qualifying students should consult the appropriate undergraduate Faculty regarding admission to that Faculty to clear course deficiencies. They may apply for admission to the Faculty of Graduate Studies and Research at a later date.

Normally, a qualifying period will not exceed five full course equivalents (★30). Courses taken during a qualifying period will be specified by the department concerned. Completion of the work in a qualifying period does not automatically entitle the student to proceed toward a degree program. However, upon satisfactory completion of a qualifying period the department may recommend to the Faculty of Graduate Studies

6. **Postgraduate medical education (PGME) students** have the option of paying fees to the Graduate Students' Association (see [Graduate Instructional and Non-Instructional Fees](#)).

Registration

[...]

and Research that the student be reclassified as a master's or doctoral degree student. Students should note that neither the courses taken nor the fees paid during a qualifying period will be credited toward a subsequent degree program.

8. Degree students are those who are registered in an approved program leading to a master's or doctoral degree granted by the University of Alberta.
9. Graduate diploma students and graduate certificate students are those who are registered in an approved program leading to a graduate diploma or certificate granted by the University of Alberta. Such students must meet the general admission requirements of the Faculty of Graduate Studies and Research ([Admission](#)), unless different admission criteria are approved by FGSR Council. These can normally be completed in one academic year of full-time study. The graduate diploma is designed for persons who have had previous work experience.
10. Special graduate students are those who take graduate level courses for credit without proceeding toward an advanced degree at the University of Alberta. Such students must meet the general admission requirements of the Faculty of Graduate Studies and Research. Special graduate students are not candidates for a degree at this University and will not receive any residence or fee credit toward a subsequent degree program for the work completed as a special graduate student. In addition, the number of courses allowable for transfer credit is limited (see [Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment](#)).
Admission as a special graduate student does not imply eligibility for admission to a degree program in any department.
Individuals who wish to study under this classification must apply and be admitted each year in which they take courses.
Special graduate students require a written recommendation from the department concerned to register in a course. They are not permitted to take courses for audit.
Only graduate level courses may be taken by special graduate students. Individuals wishing to take courses at undergraduate levels should contact the appropriate Faculty regarding registration as a special student in that Faculty.
11. Visiting graduate students are those who are registered in a graduate degree program at another university or college, who have obtained written permission in advance from the home

and host institutions to take one or more courses for transfer of credit toward that graduate degree program. Visiting students are not permitted to register in thesis or departmental project courses.

12. Postgraduate medical education (PGME) students have the option of paying fees to the Graduate Students' Association (see [Fall 2017/Winter 2018 Graduate Instructional and Non-Instructional Fees](#)).

Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment

[...]

Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment

[...]

Justification:

FGSR Calendar compliance

- Moving policy from the Graduate Program Manual to the Calendar.
- Reformatting and editing for clarity and to install standard wording
- All changes represent current practice

Note: The revised minimum ELP requirements, highlighted in green, were approved by FGSR Council March 21, 2019 and went through GFC Academic Standards Committee April 18. The will go to GFC Academic Planning Committee May 8, 2019. The new values are included in this document for information and clarity but are not part of this approval process.

Approved by: FGSR Council April 24, 2019

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2020-2021 University of Alberta Proposed Calendar Graduate Program Changes: Revisions to FGSR policy on Transfer Credit

Current	Proposed
<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>[...]</p> <p>Transfer Credit, Course Exemption/Substitution, and Credit by Special Assessment</p> <p>Transfer Credit refers to the formal transfer of credit for a course(s) which has been earned outside the program. Transfer credit for certain courses may be granted by the Faculty of Graduate Studies and Research, provided the courses have not been counted toward a previous degree or program and were not used to satisfy admission requirements of the Faculty of Graduate Studies and Research. Transfer credit can be granted for both graded courses and for courses with grades of Credit (CR).</p> <p>[moved up from below] Criteria for Transfer Credit and Course Exemption</p> <p>The criteria that must be met before transfer credit will be considered are:</p> <ul style="list-style-type: none"> the department agrees that the course in question is applicable to the degree program; the student achieves a grade acceptable to the department and the FGSR; the course has not been used as a part of the basis for admission to the program; and the course has not been taken as part of any previously awarded degree, diploma, certificate, etc. <p>[this paragraph moved to below Exceptions] For the laddering of graduate certificates and diplomas into a course-based Master's degree see Laddering.</p> <p>Courses taken as a qualifying graduate student are therefore not acceptable for transfer credit since the qualifying period is, by definition, a basis for admission. The FGSR reserves the right to deny transfer credit for</p>	<p>Regulations of the Faculty of Graduate Studies and Research</p> <p>[...]</p> <p>Transfer Credit, Course Exemption, and Credit by Special Assessment</p> <p>Transfer Credit</p> <p>Transfer Credit refers to the formal transfer of credit for a course(s) which has been earned outside the program. <u>Requests for transfer credit are subject to recommendation from the department and approval of the Dean, FGSR.</u></p> <p>Transfer credit can be granted for both graded courses and for courses with grades of Credit (CR).</p> <p>Criteria for Transfer Credit</p> <p>The criteria that must be met before transfer credit will be considered are:</p> <ul style="list-style-type: none"> the department agrees that the course in question is applicable to the degree program; the student achieves a grade acceptable to the department and the FGSR; the course has not been used to <u>satisfy admission requirements for</u> the program; <u>the course was not taken during a qualifying period for the program (see Qualifying graduate students):</u> the course <u>was</u> not taken as part of any previously awarded <u>credential</u>; <u>The course is less than six years old</u> <u>The course is a graduate-level course</u> <p>The FGSR reserves the right to deny transfer credit for</p>

courses taken far enough in the past that the material could be considered out of date. The maximum number of years will depend on individual circumstances; however, in a number of cases credit has been considered for courses taken up to but not exceeding six years prior to the date of application for transfer credit.

Course Exemption refers to the reduction in required credit weights of a student's program by removal of specific courses normally required. In special circumstances the Faculty of Graduate Studies and Research may approve exemption of certain courses if the student has completed appropriate equivalent coursework here or elsewhere, but the program will not be reduced by more than the value set out below.

Course Substitution. It is more normal for departments which exempt specific required courses from a student's program to substitute more appropriate courses equivalent in weight to the courses exempted. This is called Course Substitution and is a departmental prerogative.

Limits. The description of each program in Graduate Programs contains a listing of the required and optional courses.

Thesis-based programs: The total credit weight required for any thesis-based program will not be reduced by any combination of Transfer Credit and Course Exemption from the requirement set out in Graduate Programs by more than ★6 (except as noted below).

Course-based programs: The number of courses nearest to, but not exceeding, 1/3 of the total units of course weight of a student's program can be met through transfer credit and/or course exemption if recommended by the department and approved by the Faculty of Graduate Studies and Research on a case-by-case basis.

Only approved transfer credits from the University of Alberta may count towards the ★24 minimum requirement.

[Moved up from below]

Exceptions: For students who have commenced an equivalent graduate program at a recognized university and are relocating to the University of Alberta, consideration will be given to departmental recommendations for transfer credit which exceeds the limit stated above. Other exemptions specific to individual programs are discussed in the Program descriptions in Graduate Programs.

courses taken far enough in the past that the material could be considered out of date.

Course Exemption

Course Exemption refers to the reduction in required credit weights of a student's program at the discretion of the department offering the program. The program will not be reduced by more than the value set out below in Limits for Transfer Credit and Course Exemption. For course-based master's degrees, the FGSR minimum requirement of ★24 must still be met. See [Minimum Units of Course Weight Registration Requirements](#).

Limits for Transfer Credit and Course Exemption

Thesis-based programs: The total credit weight required for any thesis-based program will not be reduced by any combination of Transfer Credit and Course Exemption from the requirement set out in Graduate Programs by more than ★6.

Course-based programs: The number of courses nearest to, but not exceeding, 1/3 of the total units of course weight of a student's program can be met through transfer credit and/or course exemption.

For course-based master's programs, only approved transfer credits from the University of Alberta may count towards the FGSR minimum requirement of ★24. See [Minimum Units of Course Weight Registration Requirements](#).

Exceptions:

For students who have commenced an equivalent graduate program at a recognized university and are relocating to the University of Alberta, consideration will be given to departmental recommendations for transfer credit which exceeds the limit stated above.

In exceptional circumstances and with the explicit prior approval of the Faculty of Graduate Studies and Research, up to 1/2 of the total units of course weight for the program may be met through transfer credit and/or course exemption.

For students participating in formal exchange programs which have been ratified by the University of Alberta, consideration will be given for transfer of credit earned during the exchange and approved in principle by the department in advance, even if the credit value transferred exceeds the limit stated above.

[moved from above]

For the laddering of graduate certificates and diplomas into a course-based Master's degree see Laddering.

[moved up]

Criteria for Transfer Credit and Course Exemption

The criteria that must be met before transfer credit will be considered are:

- the department agrees that the course in question is applicable to the degree program;
- the student achieves a grade acceptable to the department and the FGSR;
- the course has not been used as a part of the basis for admission to the program; and
- the course has not been taken as part of any previously awarded degree, diploma, certificate, etc.

For the laddering of graduate certificates and diplomas into a course-based Master's degree see Laddering. Courses taken as a qualifying graduate student are therefore not acceptable for transfer credit since the qualifying period is, by definition, a basis for admission. The FGSR reserves the right to deny transfer credit for courses taken far enough in the past that the material could be considered out of date. The maximum number of years will depend on individual circumstances; however, in a number of cases credit has been considered for courses taken up to but not exceeding six years prior to the date of application for transfer credit.

[Moved up to top of Exceptions]

Exceptions: For students who have commenced an equivalent graduate program at a recognized university and are relocating to the University of Alberta, consideration will be given to departmental recommendations for transfer credit which exceeds the limit stated above. Other exemptions specific to individual programs are discussed in the Program descriptions in Graduate Programs.

In exceptional circumstances and with the explicit prior approval of the Faculty of Graduate Studies and Research, up to 1/2 of the total units of course weight for the program may be met through transfer credit and/or course exemption.

Laddering

[moved from above]

For the laddering of graduate certificates and diplomas into a course-based Master's degree see [Laddering of Freestanding Graduate Certificates and Diplomas into a Course - based Master's Degree.](#)

Students should note that they cannot apply directly for transfer credit or course exemption; the department must petition the Faculty of Graduate Studies and Research on the student's behalf. Transfer credit and course exemption are granted at the discretion of the Faculty of Graduate Studies and Research.

The Faculty of Graduate Studies and Research does not accept credit by special assessment.

[...]

Credit by Special Assessment

The Faculty of Graduate Studies and Research does not accept credit by special assessment.

[...]

Justification:

Addition/clarification of the criteria that in order to be considered for transfer credit, courses should be graduate-level, and should be less than six years old. This information was previously in the Graduate Program Manual but was not clear in the Calendar.

Clarification in this section of the calendar that courses taken as part of a qualifying year are not eligible for transfer credit. This is currently stated in the calendar under Qualifying Students – the sections will now link to one another.

Revisions to approval process for course exemptions and additional clarification on limits.

Removal of the section on course substitution; this is addressed under the Academic Standing section of the calendar.

All changes reflect current practice at FGSR.

Approved by: FGSR Council April 24, 2019

FINAL Item No. 7

**Governance Executive Summary
Action Item**

Agenda Title	Proposal for a Dual Master's Degree Program, University of Alberta (Faculty of Graduate Studies and Research and Department of Educational Psychology) and Beijing Normal University (BNU), People's Republic of China
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Motion

<p>THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, approve the proposal for a Dual Master's Degree Program, University of Alberta (Faculty of Graduate Studies and Research and Department of Educational Psychology) and Beijing Normal University (BNU), People's Republic of China, as set forth in Attachment 1, to take effect upon final approval.</p>

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Debby Burshtyn, Interim Dean and Vice Provost, Faculty of Graduate Studies and Research Jennifer Tupper, Dean, Faculty of Education
Presenter(s)	Sophie Yohani, Associate Chair Graduate, Department of Educational Psychology

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	For the University of Alberta's Faculty of Education, Department of Educational Psychology to offer a Dual Master's Program through an agreement with Beijing Normal University (BNU), China. To contribute to the internationalization of graduate degree program in Educational Psychology through collaboration with the BNU and to recruit strong graduate students.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>Every student must meet the normal admission requirements of both parties for the relevant degree programs and follow a program of study and research which will satisfy the requirements of both parties.</p> <p>Students must spend at least one academic year at BNU before attending UAlberta and spend at least one academic year (Fall and Winter terms) at UAlberta completing required coursework and the capping project, which will be counted toward UAlberta's residency requirements.</p> <p>Upon the completion of UAlberta's residency requirements, students must return to BNU for one year to complete the remaining program requirements at BNU.</p> <p>Upon successful completion of the degree requirements of both parties, each Institution will confer on the student the relevant degree of that Institution for which the student qualifies.</p>

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	<p>The UAlberta transcript notation will read: “Participating in a shared credential program offered jointly by this university and Beijing Normal University.”</p> <p>There will be no statement on the UAlberta parchment.</p>
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

Engagement and Routing (Include meeting dates)

<p>Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity)</p> <p><For information on the protocol see the Governance Resources section Student Participation Protocol></p>	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> • Ying Cui, Associate Professor, Department of Educational Psychology • Lucy de Fabrizio, International Program Director, Faculty of Education • Danielle Scott, Assistant Director (International Relations) UAI
	<p><u>Those who have been consulted:</u></p> <ul style="list-style-type: none"> • Janice Hurlburt, Governance and Policy Coordinator FGSR • Deborah Burshtyn, Iterim Dean and Vice Provost, Faculty of Graduate Studies and Research • Tammy Hopper, Vice-Provost (Programs), Office of the Provost and Vice-President (Academic) • Andrea Patrick, Portfolio Initiatives Manager, Office of the Provost and Vice-President (Academic) • Office of General Council • Information and Privacy Office (IPO): No particular issues needed to be raised with them
	<p><u>Those who have been informed:</u></p> <ul style="list-style-type: none"> •
Approval Route (Governance) (including meeting dates)	<p>Department of Educational Psychology Council—February 14, 2019</p> <p>Graduate Academic Advisory Committee (GAAC), Faculty of Education –April 1, 2019</p> <p>FGSR Council: April 24, 2019</p> <p>GFC Academic Planning Committee: June 19, 2019</p>

Strategic Alignment

Alignment with <i>For the Public Good</i>	Please note the Institutional Strategic Plan objective(s)/strategies the proposal supports.	
Alignment with Institutional Risk Indicator	Please note below the specific institutional risk(s) this proposal is addressing.	
	<input type="checkbox"/> Enrolment Management <input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success

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Legislative Compliance and jurisdiction	Post-Secondary Learning Act (PSLA) GFC Academic Planning Committee (APC) Terms of Reference GFC Academic Standards Committee (ASC) Terms of Reference UAPPOL Shared Credentials Policy UAPPOL Admissions Policy UAPPOL Academic Standing Policy
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Attachments (each to be numbered 1 - 3)

1. Proposal for a Dual Master's degree program between Beijing Normal University, China and the Faculty of Education, UofA (page(s) 1 - 9)

Prepared by: Janice Hurlburt, Graduate Governance and Policy Coordinator, jhurlburt@ualberta.ca

AGREEMENT FOR A DUAL MASTER'S DEGREE PROGRAM

BETWEEN **BEIJING NORMAL UNIVERSITY**
As represented by the Collaborative Innovation Center of
Assessment toward Basic Education Quality
Located in Beijing, People's Republic of China
("BNU")

AND **THE GOVERNORS OF THE UNIVERSITY OF ALBERTA**
As represented by the Department of Educational Psychology
of the Faculty of Education
Located in Edmonton, Alberta, Canada
("UAlberta")

WHEREAS:

- A. The parties to this Agreement have entered into a memorandum of understanding ("MoU") that contemplates various forms of academic cooperation;
- B. The parties wish to formalize the terms for an Agreement under which graduate students from BNU may pursue a Dual Degree Program.

NOW THEREFORE in consideration of the above and other good and valuable consideration, the parties agree as follows:

1. DEFINITIONS

1.1. In this Agreement:

- a) "Dual Degree Program" means a program of study under which BNU students may obtain a Master of Education degree in Educational Psychology with a specialization in Measurement, Evaluation and Data Science ("MEDS") from UAlberta and a Master degree from the Collaborative Innovation Center of Assessment toward Basic Education Quality at BNU.

UAlberta will provide formal recognition of the completion of the Dual Degree Program through a notation on the transcript. There will be no statement on the UAlberta parchment.

BNU will provide formal recognition of the completion of the Dual Degree Program through a notation on the transcript. There will be no statement on the BNU parchment.

- b) "Dual Degree Student" means a student who is participating in the Dual Degree Program.

2. LIAISON OFFICERS

2.1. Each party shall designate a liaison officer ("Liaison Officer") who will be responsible for coordinating the specific aspects of the Dual Degree Program as well as advising and assisting students taking part in the Dual Degree Program.

2.2. The designated Liaison Officers for the Agreement are:

for BNU
 Dr. Tao Xin
 Professor

for UAlberta
 Dr. Ying Cui
 Associate Professor

Collaborative Innovation Center of
Assessment Toward Basic Education
Quality Beijing Normal University
No.19 Xijiekouwai Street, Haidian
District Beijing, China, 100875

Telephone: +86-10-58800178
E-mail: xintao@bnu.edu.cn

Department of Educational Psychology
Faculty of Education
University of Alberta
6-110B Education North
Edmonton, Alberta T6G 2G5
Canada

Telephone: +1-780-3848
E-mail: yc@ualberta.ca

- 2.3. All notices sent pursuant to this Agreement must be sent to the above-mentioned Liaison Officers. The parties agree that either party may change its designated Liaison Officer by notifying the other party in writing of such change.
- 2.4. Any notice to be given by either party pursuant to this Agreement must be in writing and may be delivered by commercial courier, registered mail (unless a postal strike or other disruption is currently in place), facsimile machine, or e-mail to the relevant Liaison Officer using the contact information set out above (or such other contact information as notified by a party by written notice given in accordance with this clause).
- 2.5. If a party receives a message that a notice sent to an e-mail address is undeliverable, or that the Liaison Officer is out of the office, or if the party has any other reason to believe that the delivery of a notice was ineffective, then the party will send the notice using a different method.

3. APPLICATION, SELECTION, AND ADMISSION OF STUDENTS FOR THE DUAL DEGREE PROGRAM

- 3.1. Every Dual Degree Student must meet the normal admission requirements of both parties for the relevant degree programs in addition to any requirements outlined in Section 1 of Appendix A.
- 3.2. A potential Dual Degree Student must first be admitted into a graduate degree program at BNU. Students are eligible to apply for the dual degree beginning in the first year of their studies. Final acceptance and participation in the program will be conditional on their having maintained good academic standing in the coursework and coursework and/or research required for BNU's graduate degree program for at least one (1) year.
 - (a) To be considered for the Dual Degree Program, a student must fill out the application form (see www.ualberta.ca/graduate-studies/prospective-students/apply-for-admission/shared-credential-applications) and present it to BNU. If BNU agrees to recommend the student, the form will be forwarded to UAlberta by the deadline mutually agreed upon in writing by the Liaison Officers. UAlberta will determine in its sole discretion whether to admit the student into the Dual Degree Program and will inform BNU of its decision.
- 3.3. UAlberta will admit up to a maximum of fifteen (15) Dual Degree Students from BNU each academic year for the Dual Degree Program. The maximum number of students may be changed by mutual agreement of the parties and must be expressed in writing.

4. DUAL DEGREE PROGRAM REQUIREMENTS AND ADMINISTRATION

- 4.1. Dual Degree Students will follow a program of study and research which will satisfy the requirements of both parties, including any requirements for the Dual Degree Program outlined in Section 2 of Appendix A.
- 4.2. The parties will provide an adequate orientation as well as ongoing advice and support to Dual Degree Students. At UAlberta, the Department of Educational Psychology will take the lead on assisting Dual Degree Students.

- 4.3. Either party may, at its sole discretion, require a Dual Degree Student to withdraw from the Dual Degree Program. If required to withdraw from the Dual Degree Program, the student may be able to return to his/her studies at BNU in the same graduate program and would receive appropriate credit for work done at UAlberta while in the Dual Degree Program.

A student may withdraw, at any time, from the Dual Degree Program, and return to his/her studies at BNU. The student will receive appropriate credit for work completed at UAlberta while in the Dual Degree Program.

- 4.4. At the end of a Dual Degree Student's studies, each party will check whether the Student has met the relevant degree requirements of that party and will confirm to the other party the Student's eligibility to graduate.
- 4.5. Upon successful completion of the degree requirements of both parties and any additional requirements for the Dual Degree Program, each Institution will confer on the Dual Degree Student the relevant degree of that Institution for which the student qualifies and:
 - a. The Liaison Officer at UAlberta shall inform the Liaison Officer at BNU of this award; and
 - b. The Liaison Officer at BNU shall inform the Liaison Officer at UAlberta of this award.
- 4.6. The designations on the Dual Degree Program Student's academic record will include the following:
 - a. The UAlberta transcript notation will read: "Participating in a shared credential program offered jointly by this university and Beijing Normal University."
 - b. The BNU transcript notation will read: "Participating in a shared credential program offered jointly by this university and the University of Alberta."
 - c. There will be no statement on the UAlberta parchment.
 - d. There will be no statement on the BNU parchment.

5. FEES AND FINANCIAL MATTERS

- 5.1. Dual Degree Students must pay tuition and fees to the institution at which they are resident at any given time.
 - a. At UAlberta, Dual Degree Students who are neither Canadian citizens nor Permanent Residents of Canada are required to pay at the rates for international students. Fees are subject to change without notice.
- 5.2. Dual Degree Students must have sufficient personal funds to cover any and all expenses not covered by either institution as detailed in this Agreement. Such expenses include:
 - a. Tuition and other fees required by UAlberta and BNU;
 - b. Cost of living (including rent, food, and health care costs);
 - c. Recreation;
 - d. Travel and transportation, including travel insurance;
 - e. Text books and school supplies; and
 - f. All necessary immigration documents.

6. HOUSING

- 6.1. UAlberta shall endeavour to provide information to students regarding housing options, the cost of which must be paid by the student.

7. REGULATIONS GOVERNING STUDENTS

- 7.1. During their participation in the Dual Degree Program students will be bound by the rules, regulations, and codes of conduct of the university or universities at which they are registered.
- 7.2. Dual Degree Students will be bound by the laws of the country in which they are resident.
- 7.3. Notwithstanding section 7.1, both institutions will work collaboratively to resolve any conflicts between Dual Degree Students and their supervisors.

8. INTELLECTUAL PROPERTY

- 8.1. At the outset of a Dual Degree Student's program, the parties will work together to establish, in writing, all necessary arrangements regarding the ownership and protection of any intellectual property generated as a result of any research conducted by the Dual Degree Student during the program. In addressing any such intellectual property arrangements, the parties shall involve the Dual Degree Student, have regard for any policies and procedures in place at each institution, and ensure the Dual Degree Student is provided with a copy of the final written arrangements.
- 8.2. Notwithstanding anything else in this Agreement, a Dual Degree Student shall own the copyright in his/her thesis.

9. ACCESS TO INFORMATION AND PRIVACY LEGISLATION

- 9.1. The parties acknowledge that UAlberta is a public body subject to the *Freedom of Information and Protection of Privacy Act* (Alberta) ("FOIP"), as amended. For further information about FOIP, see www.ipa.ualberta.ca.
- 9.2. The parties agree to only use any personal information exchanged for the purposes of this Agreement for the purposes of administering this Dual Degree Program.
- 9.3. No personal information related to any Dual Degree Student will be released by UAlberta to BNU without the student's prior written consent, except as permitted by law. Such consent will be obtained through the Shared Credentials Initial Approval Form (see www.ualberta.ca/graduate-studies/prospective-students/apply-for-admission/shared-credential-applications) or in such other form as UAlberta may provide from time to time.

10. CONFIDENTIALITY

- 10.1. Each party who receives any information from the other marked "Confidential" ("Confidential Information"), must take reasonable steps to protect its confidentiality, must not disclose to any third party such Confidential Information without the prior written consent of the other party, and agrees to only use such Confidential Information for the purposes contemplated in this Agreement.
- 10.2. For the purposes of this Agreement, Confidential Information does not include information (a) that is or becomes part of the public domain through no act of the receiving party, (b) that was in the receiving party's possession before receipt from the disclosing party, (c) that was rightfully received by the receiving party from a third party without a duty of confidentiality, or (d) that is required to be disclosed under any applicable law or by order of a court.

11. DISPUTE RESOLUTION

Any dispute arising from this Agreement shall be resolved amicably through discussion between the parties' Liaison Officers. In the event the Liaison Officers are unable to resolve the matter within 60 days of referral, or such additional time as mutually agreed to by the parties, the dispute shall be referred to the Provost and Vice-President (International) of BNU and the Provost and Vice-President (Academic) of UAlberta.

12. GOVERNING LAW AND FORUM

This Agreement will be interpreted and construed in accordance with the laws of Alberta and Canada, and the parties submit to the exclusive jurisdiction of the Courts of Alberta.

13. INDEMNIFICATION AND LIMITATION OF LIABILITY

Each party ("Indemnifying Party") shall:

- a. be liable to the other party ("Indemnified Party") for; and
- b. indemnify and hold harmless the Indemnified Party from and against:

any and all liabilities, damages, costs, claims, suits or actions, loss, injury, death, or damage to any third party (including students) occasioned by or as a result of the negligent acts, willful misconduct or breach of obligations assumed under this Agreement by the Indemnifying Party or their employees, officers, agents, and contractors.

Notwithstanding the above, in no event will either party be liable for any indirect, consequential, or incidental claims incurred by any Indemnified Party in respect of this Agreement.

14. SURVIVAL

Terms of this Agreement which, by their nature, require the parties' continued performance after this Agreement's termination will continue in effect following any such termination.

15. COUNTERPARTS

The parties may sign this Agreement in counterparts, each of which being an original. Such counterparts will together constitute one and the same agreement. Counterparts may be signed either in original or electronic form and the parties shall adopt any signatures received electronically as original signatures of the parties.

16. GENERAL

- 16.1. This Agreement constitutes the entire agreement and understanding between the parties with respect to the Dual Degree Program and replaces all earlier agreements and discussions between the parties.
- 16.2. The invalidity of any particular provision of this Agreement does not affect any other provision of it, but the Agreement is to be construed as if the invalid provision had been omitted.
- 16.3. Nothing in this Agreement shall make the relationship between the parties one of partnership, joint venture or employment. Nothing in this Agreement constitutes authority for one party to make commitments which bind the other party or to otherwise act on behalf of such other party.
- 16.4. No part of this Agreement may be assigned by either party without the consent of the other party.
- 16.5. Neither party will use, nor shall it permit any person employed by it to use, identifying marks of the other party, other than with the written consent of such other party, which may be arbitrarily withheld.

17. COMING INTO FORCE, TERMINATION, AND AMENDMENTS

- 17.1. This Agreement comes into effect on the date on which it has been signed by both parties and will continue in effect for a period of five (5) years, or until terminated in accordance with section 17.2.

- 17.2. The parties may mutually terminate this Agreement by written agreement. Alternatively, either party may terminate this Agreement by giving twelve (12) months' written notice of termination to the other party.
- 17.3. If this Agreement is terminated or not renewed, the parties agree that any Dual Degree Students accepted by UAlberta will be given reasonable time to complete their studies.
- 17.4. The parties may amend or extend this Agreement by written agreement.

The parties have signed this Agreement on the dates indicated below.

Signed for and on behalf of
BEIJING NORMAL UNIVERSITY

Signed for and on behalf of
**THE GOVERNORS OF THE
 UNIVERSITY OF ALBERTA**

the _____ day of _____ 2019.

the _____ day of _____ 2019.

 Dr. Qi Dong
 President

 Dr. Steven Dew
 Provost and Vice-President (Academic)

the _____ day of _____ 2019.

the _____ day of _____ 2019.

 Dr. Tao Xin
 Deputy Director
 Collaborative Innovation Center of
 Assessment toward Basic Education Quality

 Dr. Jennifer Tupper
 Dean
 Faculty of Education

the _____ day of _____ 2019.

 Dr. Deborah Burshtyn
 Interim Vice-Provost and Dean
 Faculty of Graduate Studies and Research

APPENDIX A

1. Application, Selection, and Admission of Students:

- 1.1. At UAlberta, details regarding the MEDS graduate program and its admission requirements are outlined in the information on the Department of Educational Psychology's website which can be found at www.ualberta.ca/educational-psychology/prospective-graduate-students/admission-requirements-and-criteria.
- 1.2. At BNU, details regarding the information of the master program in Collaborative Innovation Center of Assessment toward Basic Education Quality and its admission requirements can be accessed on the website at <http://cicabeq.bnu.edu.cn/zzhx>.

2. Dual Degree Program Requirements and Administration:

2.1. Physical Residency Requirements:

- a. Dual Degree Students must spend at least one (1) academic year at BNU before attending UAlberta.
- b. Dual Degree Students must spend at least one (1) academic year (Fall and Winter terms) at UAlberta completing MEDS coursework, which will be counted toward UAlberta's residency requirements.
- c. Upon the completion of UAlberta's residency requirements, Dual Degree Students must return to BNU for one year to complete the remaining program requirements at BNU.

2.2. Academic Program Requirements: Dual Degree Students will follow a program of study and research which shall satisfy the standard degree requirements of both parties.

- a. UAlberta will accept nine (9) credits from BNU toward the total number of credits required for the MEd in MEDS. The BNU courses taken should be approved beforehand.
- b. BNU will accept twelve (12) credits from UAlberta toward the total number of credits required for the Master degree in BNU. The UAlberta courses taken should be approved beforehand.
- c. In addition, Dual Degree Students must meet the following requirements: 1) complete a total of 27 credits (including the 9 credits from BNU and the 3-credit capping project) to fulfill the program requirements of UAlberta MEDS course-based program; 2) complete a total of 35 credits (including the 12 credits from UAlberta) and a thesis to fulfill the program requirements of BNU.

2.3. Ethics Requirements: In accordance with UAlberta policy, every Dual Degree Student must meet UAlberta's ethics and academic integrity training requirements set by the UAlberta Faculty of Graduate Studies and Research. Further information regarding those requirements can be found here: <https://uofa.ualberta.ca/graduate-studies/current-students/academic-requirements/ethics>. Additionally, Dual Degree Students must follow all UAlberta policies and procedures relating to research involving either human participants or animals.

2.4. Professional Development Requirement: In accordance with UAlberta policy, every Dual Degree Student must meet UAlberta's professional development requirements set by the UAlberta Faculty of Graduate Studies and Research. Further information regarding those requirements can be found here: www.ualberta.ca/graduate-studies/professional-development/professional-development-requirement.

2.5. Supervision:

- a. Every Dual Degree Student must have an academic advisor at UAlberta for the MEDS course-based master degree and a supervisor at BNU for the thesis-based master degree while in the Dual Degree Program.

2.6. Required Examinations:

- a. For the capping project required by the UAlberta MEDS course-based program, a BNU faculty member might, but is not required to, serve as a second reader for the Dual Degree Student.
- b. Every Dual Degree Student must successfully prepare and defend a thesis before an examining committee that is set up in accordance with the relevant policies of BNU. A copy of BNU's thesis defence regulations is outlined in Appendix B. The Dual Degree Student must complete the thesis defense at BNU with all the committee members attending in person or by teleconference. A UAlberta faculty member might, but is not required to, serve on the examining committee.

APPENDIX B THESIS DEFENCE REGULATIONS

An outline of the thesis defence regulations of BNU is presented here.
The MEDS degree program at UAlberta does not require a thesis.

1. Requirements for students' thesis

- 1.1 To publish at least one academic paper as the first author, and the signed unit shall be Beijing Normal University.
- 1.2 The student can be regarded as the first author if his/her supervisor is the first author and he/she is the second author, and the signed unit shall be Beijing Normal University.

2. Requirements for mid-assessment

- 2.1 Students shall finish thesis proposal and mid-assessment form in the fourth term.
- 2.2 Students can apply for re-assessment one month later if not passed.

3. Requirements for thesis defense

- 3.1 Dual Degree Students who are to apply for thesis defense shall fill in the Statement of Oral Defense for Academic Master's Degree Thesis of Beijing Normal University, and pass the checking for the publication requirement of the academic paper. The details can be found on the official website of Beijing Normal University for postgraduates: http://ss.graduate.bnu.edu.cn/core/ucontent/page/xw_dbclxz.
- 3.2 If a Dual Degree Student has not passed the thesis defense the first time, the student shall submit application for re-defense of thesis in one year. The details can be found at http://ss.graduate.bnu.edu.cn/core/ucontent/page/xw_dbclxz.

FINAL Item No. 8

**Governance Executive Summary
Action Item**

Agenda Title	Proposed Name Change of the Bachelor of Management in Business Economics <u>to</u> the Bachelor of Management and associated Substantive Program Changes, Augustana Faculty
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Motion I:

THAT the GFC Academic Planning Committee approve, with delegated authority from General Faculties Council, the proposal to rename the 'Bachelor of Management in Business Economics' degree offered through Augustana Faculty to the 'Bachelor of Management' degree, as set forth in Attachments 1-2 to take effect in Fall 2020.

Motion II:

THAT the GFC Academic Planning Committee approve, with delegated authority from General Faculties Council, the proposed program changes to the Bachelor of Management program in the Augustana Faculty, as set forth in Attachments 1-2, to take effect in Fall 2020.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Allen Berger, Dean, Augustana Faculty
Presenter(s)	Karsten Mündel, Associate Dean – Academic, Augustana Faculty

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	The purpose of the proposal is to increase the flexibility of the Augustana Bachelor of Management degree by enhancing the potential development of further specific areas of study within the program, while retaining the concept of the degree as a Management-style program that is firmly grounded on a liberal arts foundation. The proposal also incorporates the proposed new Augustana liberal arts and sciences project-based Core into the Management degree.
Executive Summary <i>(outline the specific item – and remember your audience)</i>	<p>When Augustana University College created the Bachelor of Management in Business Economics degree in 2001, a primary intention was to develop a program that offered a significant range of components for a Management degree but which was also grounded in the broad-ranging knowledge and skills developed by the liberal arts education offered in the Augustana Bachelor of Arts and Bachelor of Science degrees. As such, the Bachelor of Management in Business Economics program incorporated a strong core of professional Management courses and a thorough study of Economics, but also required the same liberal arts and sciences Core curriculum of the BA and BSc degrees. This structure was maintained when Augustana merged with the University of Alberta in 2004.</p> <p>This format has helped establish the ongoing viability of the program and enrollment has consistently grown over time. However, increasingly the structure of a 'Business Economics' program has proven unable to allow for the incorporation of alternate components of a Management education or the development of other areas of Management-related interest, especially as the new Augustana Calendar creates opportunities</p>

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	<p>for creative program and exploration of interdisciplinary learning.</p> <p>The change in name to simply ‘Bachelor of Management’, with the designation of a common core of Management and Economics Foundation courses, maintains the desire for a solid Management and Economics experience, but allows for the introduction of other Management elements within the degree for students with a greater interest in Management through the creation of various streams of study within the Management degree/major. Initial foci include a General Management stream, and a Business Economics stream for those wishing to keep the dual Management and Economics focus. Other specific areas will be considered in the future – for example, a ‘Sustainability’ stream is currently being explored. At the same time, this remains a non-professional program that retains a liberal arts grounding and the standard Augustana Core requirements as an integral part of the degree.</p> <p>Much of the initial discussion surrounding this proposal occurred over a year ago, with consideration suspended while Augustana Faculty explored a larger project of curricular renewal. It has now been determined that the Management program will not be significantly impacted by the ongoing curricular discussions, with one exception. As a result, the name change proposal is now moving forward once again.</p> <p>The exception noted above is that Augustana Faculty has approved the adoption of a new liberal arts and sciences project-based Core for all programs offered within its Bachelor of Arts, Bachelor of Science, and Bachelor of Management degrees. The new Core further enhances the knowledge and skills developed in the Management program by introducing multi-disciplinary opportunities for students to develop collaborative abilities in large and small group project-based studies, initially with supervision and more independently at the senior level.</p> <p>The changes will be advertised within existing courses and by current program instructors, through the annual course registration advertising and sessions offered by the Augustana Learning, Advising and Beyond Office, and through the Augustana Newsletter and other campus advertising and social media outlets. Augustana will work with the Office of the Registrar to update information for prospective students.</p>
Supplementary Notes and context	<This section is for use by University Governance only to outline governance process.>

Engagement and Routing (Include meeting dates)

<p>Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity)</p> <p><For information on the protocol see the Governance Resources section Student</p>	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> • Faculty in Management and Economics in Augustana Faculty. • Augustana Academic Council, particularly the Chair of Social Sciences and the Associate Dean, Academic. <p><u>Those who have been consulted:</u></p> <ul style="list-style-type: none"> • Office of the Provost and Vice-President (Academic) (Tammy Hopper, Kate Peters, Andrea Patrick) • University Governance (Meg Brolley) • Office of the Registrar (Melissa Padfield, Norma Rodenburg,
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<p>Participation Protocol></p>	<p>Anna Vocioni)</p> <ul style="list-style-type: none"> • Faculty of Arts – Rick Szostak, Chair of Economics • Alberta School of Business – May 3, 2018 and January 31, 2019, including Andras Marosi (Associate Dean Undergrad Programs) and Joseph Doucet (Dean). • Students in existing Bachelor of Management in Business Economics program – February 2019
<p>Approval Route (Governance) (including meeting dates)</p>	<p><u>Those who have been informed:</u></p> <ul style="list-style-type: none"> • <p>Augustana Faculty Department of Social Sciences (November 10, 2017) (includes an undergraduate student voting representative) Augustana Faculty Curriculum Committee (November 15, 2017) (includes undergraduate students comprising one-third of the voting membership. Augustana Faculty Council (December 1, 2017) (includes five undergraduate representatives); (May 9, 2019 for the inclusion of the new Core) GFC ASC Subcommittee on Standards (for discussion): June 6, 2019 GFC Academic Planning Committee: June 19, 2019</p>

Strategic Alignment

<p>Alignment with <i>For the Public Good</i></p>	<p><i>For the Public Good</i></p> <p>EXPERIENCE GOAL: Experience diverse and rewarding learning opportunities that inspire us, nurture our talents, expand our knowledge and skills, and enable our success. Objective 9: Enhance, support, and mobilize the unique experiences and cultures of all University of Alberta campuses to the benefit of the university as a whole.</p> <ul style="list-style-type: none"> • Strategy 1 Facilitate and deepen inter-campus connections, communication, and collaborations with Augustana Campus, and ensure that it is strengthened as a leading a liberal arts college, and as a living laboratory for teaching and learning innovation, to the benefit of the entire university. <p>EXCEL GOAL: Excel as individuals, and together, sustain a culture that fosters and champions distinction and distinctiveness in teaching, learning, research, and service. Objective 14 – Inspire, model, and support excellence in teaching and learning.</p> <p>ENGAGE GOAL: Engage communities across our campuses, city and region, province, nation and the world to create reciprocal, mutually beneficial learning experiences, research projects, partnerships, and collaborations.</p>	
<p>Alignment with Institutional Risk Indicator</p>	<p>Please note below the specific institutional risk(s) this proposal is addressing.</p> <p><input checked="" type="checkbox"/> Enrolment Management <input type="checkbox"/> Relationship with Stakeholders</p>	

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	<input type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input type="checkbox"/> Reputation <input type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
Legislative Compliance and jurisdiction	Post-Secondary Learning Act UAPPOL Admissions Policy GFC Academic Standards Committee Terms of Reference GFC Academic Planning Committee Terms of Reference	

Attachments (each to be numbered 1 - <>)

1. Attachment 1 Proposed New Augustana Bachelor of Management Calendar copy (4 pages)
2. Attachment 2 Proposal Template: Program/Specialization Name Change (5 pages)

Prepared by: Jonathan Hawkins, Assistant Registrar - Augustana Campus, jonathan.hawkins@ualberta.ca

Proposal Template: Program/Specialization Name Change

This template is for proposals to change the title of a ministry-approved program or specialization within an existing program.

Name change proposals for degree programs and applied degree programs are typically subject to review by the Campus Alberta Quality Council.

SECTION 1: PROPOSAL INFORMATION

1.1 Basic Information (Complete the table below):

Institution	University of Alberta
Current program/specialization name	Bachelor of Management in Business Economics
Credential awarded	Bachelor of Management in Business Economics
Proposed implementation date	September 2019

1.2 Proposed New Name (Answer the following questions)

1.2.1 Specify the new name that is being proposed.

Bachelor of Management

1.2.2 Specify if the new name is for a program or a specialization within a program?

Program

Specialization

1.3 Rationale for Proposed New Name (Answer the following questions)

1.3.1 Describe the rationale for the proposed name change.

The inclusion of 'Business Economics' in the program name/credential is a restricting element that prevents the flexibility of study within the program and the potential development of new areas of study within the context of a Management degree.

1.3.2 Is comparable nomenclature used for similar programs/specializations offered across Campus Alberta and, where relevant, in other jurisdictions?

Yes.

Bachelor of Management degrees are offered by the Athabasca University, Concordia University of Edmonton, and University of Lethbridge.

The Augustana Bachelor of Management degree is differentiated by being fully grounded in Augustana's standard liberal arts education requirements.

SECTION 2: SYSTEM IMPACT

2.1 Impact on Learners (Answer the following questions)

2.1.1 Were students consulted regarding this proposed name change? If so, what was the feedback received as a result of this consultation?

One of the primary factors influencing the decision to propose this change is the weight of repeated student feedback to faculty members in the Bachelor of Management in Business Economics program over the past few years. As a result, there has been a great deal of ongoing discussion between faculty members and students in the current program surrounding the proposed change.

Current students in the program were surveyed in February 2019, asking whether or not they were in support of the proposed name change from "Bachelor of Management in Business Economic" to that of "Bachelor of Management. Students strongly supported the proposal, with 72% registering agreement or strong agreement with the change.

2.1.2 Describe benefits for students of proposed new name.

When the Bachelor of Management in Business Economics degree was created in 2001, a primary intention was to develop a program that offered the basic elements for a Management degree but which was also grounded in the broad-ranging knowledge and skills developed by the liberal arts education offered in the Augustana Bachelor of Arts and Bachelor of Science degrees. As such, the Bachelor of Management in Business Economics program incorporated a core of professional Management courses and a thorough study of Economics, but also required the same liberal arts and sciences Core curriculum of the B.A. and B.Sc degrees.

This format established the ongoing viability of the program and enrollment has consistently grown over time. However, increasingly the structure of a 'Business Economics' program has proven unable to allow for the incorporation of alternate components of a Management education or the development of other areas of Management-related interest, especially as the new Augustana Calendar creates opportunities for creative program and exploration of interdisciplinary learning in its 3-week course/11-week courses term structure.

The change in name to simply 'Bachelor of Management' while retaining a common core of Management and Economics Foundation courses, maintains the desire for a strong combined Management and Economics experience, but provides much greater flexibility in the program, especially for the potential inclusion of other Management elements within the degree for students with a greater interest in such areas. Initially, within the current major, students will be able to pursue a General Management stream, or a Business Economics stream for those wishing to keep the Business

Economics focus. At the same time, this remains a non-professional program that retains a liberal arts grounding and the standard Augustana Core requirements as an integral part of the degree.

2.1.3 Describe plans to accommodate:

- a) active students who may wish to graduate with the established credential; and
 - b) previous graduates who may request to exchange their parchment for one with the new program or specialization name.
- a) As noted above, the flexibility provided by the name change will allow students the opportunity to pursue various elements of focus within their major. One of these foci will continue to be 'Business Economics', meaning that any student wishing to retain all the contents of the current 'Business Economics' program will continue to be able to do so within the Bachelor of Management degree.
- b) Given that the substance of program completed by previous graduates continues to be available within the newly named credential, there should not be any need to request a new parchment.

2.2 Potential Risks (Identify the potential risks associated with implementing the name change, if any, and your institution's risk mitigation strategies.)

No risks are anticipated. The Augustana Bachelor of Management is not accredited as a professional program.

2.3 Consultation/Collaboration (Answer the following questions)

2.3.1 Identify which stakeholder groups, if any, were consulted:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Faculty | <input type="checkbox"/> Employers |
| <input checked="" type="checkbox"/> Advisory committee | <input checked="" type="checkbox"/> Other (identify below) |
| <input type="checkbox"/> Regulatory bodies/professional associations | |

Aside from a variety of faculty committees and Councils in Augustana Faculty, the proposed change was also presented to the University of Alberta School Of Business and the Chair of the Department of Economics in the University of Alberta Faculty of Arts for feedback and to address any concerns about the proposal in general, and any impact it might have on their units. No concerns were identified and representatives in Business and Arts were strongly supportive of the proposal and the rationale behind it.

2.3.2 Summarize feedback received including anticipated impacts on stakeholders.

See above in 2.3.1. Feedback from faculty at Augustana, governance units within Augustana Faculty and at the wider University of Alberta level, and from other University of Alberta Faculties offering similar programs has been strongly supportive and encouraging of the proposal.

2.4 Communication (Describe how information about the name change will be communicated to students and applicants.)

Current students have already been informed of the proposal to change the name. Applicants will be informed of this change over the course of the current admission cycle by the appropriate units in Augustana Faculty.

The Augustana Social Sciences Department is developing strategies to further market the change to this program and explore the greater flexibility for student learning that the change will offer.

SECTION 3: INSTITUTIONAL AND REGULATORY APPROVAL/SUPPORT

3.1 Provide specific information about which internal governance body approved this proposed name change. Attach copies of minutes or motions.

- Augustana Faculty Department of Social Sciences (November 10, 2017) (includes an undergraduate student voting representative)
- Augustana Faculty Curriculum Committee (November 15, 2017) (includes undergraduate students comprising one-third of the voting membership.)
- Augustana Faculty Council (December 1, 2017) (includes five undergraduate representatives)
- GFC Academic Planning Committee – June 19, 2019

3.2 If applicable, describe authorization/endorsement(s) from relevant professional organizations, regulatory bodies, and/or advisory committees.

NA

RECOMMENDATION (FOR DEPARTMENT USE)

Do Any Issues or Information Gaps Remain?

Recommendation(s):

Rationale for Recommendation:

Reviewer(s):

Date Completed:

**Augustana Faculty
Program and Course Changes
For Early Implementation in Fall 2019**

Current	Proposed
<p>Bachelor of Management in Business Economics (BMgt)</p> <p>Overview</p> <p>The four year Bachelor of Management in Business Economics consists of ★120 arts, science and professional (see Classification of Courses) including ★66 in the Business Economics program and the credits required for the Foundation, Engagement and Knowledge components of the Augustana Core. Because of the possibility of overlap between the credits required for portions of the Augustana Core and those required for the Business Economics program, a student may also include options or an optional minor as follows:</p> <p>Business Economics Program: ★15 in Economics Foundation courses, ★27 in Management Foundation courses, 9 additional senior credits in Economics courses at least 6 of which must be at the 300-level or above, and 9 additional senior credits in Economics or Management at the 300-level or above.</p> <p>The Augustana Core: Foundation The Augustana Foundation requirement is met by the completion of one of the following courses:</p> <ul style="list-style-type: none"> • AUIDS 101 - Topics in Liberal Studies OR • AUIDS 201 – Foundations in Liberal Studies <p>The Augustana Core: Engagement Engagement requirements consist of five different categories. A student must complete ★12 from at least three of the five categories up to the maximum indicated; courses which satisfy these requirements may overlap with a student's major:</p>	<p>Bachelor of Management (BMgt)</p> <p>Overview</p> <p>The four year Bachelor of Management degree consists of ★120 arts, science and professional (see Classification of Courses) including up to ★72 in the Management program and the credits required for the Foundation, Engagement and Knowledge components of the Augustana Core. Because of the possibility of overlap between the credits required for portions of the Augustana Core and those required for the Management program, a student may also include options or an optional minor as follows:</p> <p>Management Program: See below for details on the Management Foundation, Economics Foundation, Stream, and Supporting course requirements of the Management program.</p> <p>The Augustana Core: Foundation ★18 The Augustana Foundation requirement is met by the completion of the following courses:</p> <ul style="list-style-type: none"> • AUIDS 101 - Topics in Liberal Studies (*3) • AUIDS 201 – Great Problems Seminar (*3) • AUIDS 301 – Major Project (*6) • AUIDS 401 – Core Capstone (*6)

- Creative & Imaginative Process (maximum ★6)
- Diversity and Global Studies (maximum ★6)
- Environmental Sustainability (maximum ★6)
- Experiential Learning (maximum ★6)
- Integrating Knowledge (maximum ★3)

For more detail on which courses may be counted towards these categories, see Augustana Chart 1 Core Engagement Requirements.

The Augustana Core: Knowledge

The ★21 Breadth of Knowledge requirements consist of four different categories; the ★21 credits counted towards these categories may not overlap with a student's first major:

★3 Fine Arts

★6 Humanities

★6 Science

★6 Social sciences

For the actual classification of Augustana courses within these categories, see Classification of Courses.

Note: The same credit may not be counted twice in courses that relate to more than one category within the Foundation, Engagement and Knowledge components of the Augustana Core; that is, a total of 36 different credits must be earned to fulfill these requirements.

Optional minor:

A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level. A student should be aware that it may not be possible to complete certain combinations of majors and minors without extending the time required to earn the degree.

Options:

★0-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice.

The Augustana Core: Knowledge ★21

The ★21 Breadth of Knowledge requirements consist of three different categories:

★9 Fine Arts and Humanities (students must complete at least ★3 in each area)

★6 Science

★6 Social sciences

For the actual classification of Augustana courses within these categories, see Classification of Courses.

Note: The same credit may not be counted twice in courses that relate to more than one category within the Foundation and Knowledge components of the Augustana Core; that is, a total of 39 different credits must be earned to fulfill these requirements.

Optional minor:

A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level. A student should be aware that it may not be possible to complete certain combinations of majors and minors without extending the time required to earn the degree.

Options:

★0-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice.

Residence Requirements

Students registered in a **BMgt** program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However,

1. Language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residency requirement.
2. An exception to this requirement may be granted to students already holding a BA or BSc who can transfer sufficient credits from their first degree to be able to complete the requirements of the Bachelor of Management **in Business Economics** degree in fewer than ★60. Normally in such cases at least the final ★45 must be completed at Augustana. **Note:** Students transferring into this degree program within the framework of a Faculty-approved transfer agreement must complete ★60 of the final credits of their degree program with credits offered by the Augustana Faculty.

Program Requirements

See Augustana Faculty for Admission Requirements

★15 in Economics Foundation

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- ~~AUECO 203 - Intermediate Microeconomic Analysis I~~
- ~~AUECO 204 - Intermediate Macroeconomic Analysis I~~
- AUECO 480 - Ethics in Economics and Business

★27 in Management Foundation

- AUACC 311 - Introductory Accounting
- AUACC 322 - Managerial Accounting
- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUMGT 310 - Corporate Finance
- AUMGT 320 - Business Law
- AUMGT 330 - Introduction to Marketing
- AUMGT 340 - Organizational Behaviour
- AUMGT 490 - Business Policy and Strategy

Residence Requirements

Students registered in a **Bachelor of Management** program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However,

1. Language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residency requirement.
2. An exception to this requirement may be granted to students already holding a BA or BSc who can transfer sufficient credits from their first degree to be able to complete the requirements of the Bachelor of Management degree in fewer than ★60. Normally in such cases at least the final ★45 must be completed at Augustana. **Note:** Students transferring into this degree program within the framework of a Faculty-approved transfer agreement must complete ★60 of the final credits of their degree program with credits offered by the Augustana Faculty.

Management Program Requirements

See Augustana Faculty for Admission Requirements

★27 in Management Foundation

- AUACC 311 - Introductory Accounting
- AUACC 322 - Managerial Accounting
- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUMGT 310 - Corporate Finance
- AUMGT 320 - Business Law
- AUMGT 330 - Introduction to Marketing
- AUMGT 340 - Organizational Behaviour
- AUMGT 490 - Business Policy and Strategy

★9 in Economics Foundation

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 480 - Ethics in Economics and Business

Students will choose either the Management General Stream or the Business Economics Stream.

★18 in Elective courses

• 9 additional senior credits in Economics, of which ★3 may be at the 200-level.

• 9 additional senior credits in Economics or Management at the 300- or 400-level.

★6 in Supporting Courses

• AUMAT 110 – Elementary Calculus I **OR**

• AUMAT 116 – Elementary Calculus I (Enriched)

• AUSTA 153 – Introductory Applied Statistics

First-Year Program Recommendations

• AUECO 101 – Introduction to Microeconomics

• AUECO 102 – Introduction to Macroeconomics

• AUMGT 100 – Introduction to Business

• AUMAT 110 – Elementary Calculus I **OR**

• AUMAT 116 – Elementary Calculus I (Enriched)

• AUSTA 153 – Introductory Applied Statistics

• AUENG 102 – Critical Reading, Critical Writing **OR**

• AUENG 103 – English Literature from the Romantic Period to the Present

• 12 additional credits toward the Engagement and Knowledge components of the Augustana Core.

Management General Stream:

★ 9 additional in Management Foundation

• AUMGT 345 – Organizational Theory

• AUMGT 350 - Entrepreneurship

• AUMGT 370 – Organizational Research Methods

★15 in Elective courses

• 9 additional senior credits in Management or Economics, of which ★3 may be at the 200-level.

• 6 additional senior credits in Management or Economics at the 300- or 400-level.

★ 12 in Supporting Courses

• AUENG 102 – Critical Reading, Critical Writing

• AUMAT 110 - Elementary Calculus I **OR**

• AUMAT 116 - Elementary Calculus I (Enriched)

• AUPHI 260 - Ethics

• AUSTA 153 - Introductory Applied Statistics

Management Business Economics Stream:

★ 6 additional in Economics Foundation

• AUECO 203 – Intermediate Microeconomic Analysis I

• AUECO 204 – Intermediate Macroeconomic Analysis I

★18 in Elective courses

• 9 additional senior credits in Economics, of which ★3 may be at the 200-level.

• 9 additional senior credits in Economics or Management at the 300- or 400-level.

★ 6 in Supporting Courses

• AUMAT 110 - Elementary Calculus I **OR**

• AUMAT 116 - Elementary Calculus I (Enriched)

• AUSTA 153 - Introductory Applied Statistics

Current

Classification of Degree Programs

Academic disciplines at the Augustana Faculty are organized into three departments for administrative purposes: Fine Arts and Humanities, Science, and Social Sciences. The following programs are available within these departments:

Program Areas with Available Majors and Minors

Areas Available	BA Major	BSc Major	BMgt Major	BMus Major	BSc/BEEd Major	BA Minor	BSc Minor	BMgt Minor	BMus Minor	BSc/BEEd Minor
Fine Arts										
Art										•
Art History						•	•	•	•	
Art Studio						•	•	•	•	
Comprehensive Music				•						
Drama	•					•	•	•	•	•
Liturgical Arts				•						
Music	•					•	•	•		
Music: Choral										•
Musical Arts				•						
Piano				•						
Visual Art	•									
Voice				•						
Humanities										
Classical Studies						•	•	•	•	
English	•					•	•	•	•	
English Language Arts										•
French						•	•	•	•	
German						•	•	•	•	
Modern Languages	•									
Philosophy						•	•	•	•	
Philosophy and Religion	•									
Philosophy and Religious Studies										•
Religion						•	•	•	•	
Scandinavian Studies						•	•	•	•	

Second Languages: French											•
Second Languages: German											•
Second Languages: Spanish											•
Spanish						•	•	•	•		
Science											
Biology	•	•				•	•	•	•	•	•
Chemistry	•	•				•	•	•	•	•	•
Computing Science	•	•					•	•	•	•	
Environmental Science		•									
Environmental Studies	•						•	•	•	•	
General Sciences						•					•
Geography							•	•	•	•	
Mathematics							•	•	•	•	
Mathematical Sciences						•					•
Mathematics and Physics	•	•				•					
Physical Sciences						•					•
Physics							•	•	•	•	•
Social Sciences											
Business Economics				•							
Economics	•						•	•		•	
History	•						•	•	•	•	
Interdisciplinary Studies:											
-Canadian Studies							•	•	•	•	
-Crime and Community							•	•	•	•	
-Global and Development Studies	•						•	•	•	•	
-Individualized							•	•	•	•	
-Women's Studies							•	•	•	•	
Management							•	•		•	
Physical Education	•	•					•	•	•	•	•
Political Studies	•						•	•	•	•	
Psychology	•	•					•	•	•	•	
Social Studies											•
Sociology	•						•	•	•	•	

Proposed

Classification of Degree Programs

Academic disciplines at the Augustana Faculty are organized into three departments for administrative purposes: Fine Arts and Humanities, Science, and Social Sciences. The following programs are available within these departments:

Program Areas with Available Majors and Minors

Areas Available	BA Major	BSc Major	BMgt Major	BMus Major	BSc/BEEd Major	BA Minor	BSc Minor	BMgt Minor	BMus Minor	BSc/BEEd Minor
Fine Arts										
Art										•
Art History						•	•	•	•	
Art Studio						•	•	•	•	
Comprehensive Music				•						
Drama	•					•	•	•	•	•
Liturgical Arts				•						
Music	•					•	•	•		
Music: Choral										•
Musical Arts				•						
Piano				•						
Visual Art	•									
Voice				•						
Humanities										
Classical Studies						•	•	•	•	
English	•					•	•	•	•	
English Language Arts										•
French						•	•	•	•	
German						•	•	•	•	
Modern Languages	•									
Philosophy						•	•	•	•	
Philosophy and Religion	•									
Philosophy and Religious Studies										•
Religion						•	•	•	•	
Scandinavian Studies						•	•	•	•	

Second Languages: French											•
Second Languages: German											•
Second Languages: Spanish											•
Spanish						•	•	•	•		
Science											
Biology	•	•				•	•	•	•	•	•
Chemistry	•	•				•	•	•	•	•	•
Computing Science	•	•					•	•	•	•	
Environmental Science		•									
Environmental Studies	•						•	•	•	•	
General Sciences						•					•
Geography							•	•	•	•	
Mathematics							•	•	•	•	
Mathematical Sciences						•					•
Mathematics and Physics	•	•				•					
Physical Sciences						•					•
Physics							•	•	•	•	•
Social Sciences											
Economics	•						•	•		•	
History	•						•	•	•	•	
Interdisciplinary Studies:											
-Canadian Studies							•	•	•	•	
-Crime and Community							•	•	•	•	
-Global and Development Studies	•						•	•	•	•	
-Individualized							•	•	•	•	
-Women's Studies							•	•	•	•	
Management	•						•	•		•	
Physical Education	•	•					•	•	•	•	•
Political Studies	•						•	•	•	•	
Psychology	•	•					•	•	•	•	
Social Studies											•
Sociology	•						•	•	•	•	

FINAL Item No. 9

Governance Executive Summary
Action Item

Agenda Title: **Proposal for the Establishment of the CISC Centre for Steel Structures Education and Research (Steel Centre)**

Motion: THAT the GFC Academic Planning Committee, under delegated authority from General Faculties Council, approve the establishment of the CISC Centre for Steel Structures Education and Research (Steel Centre), as proposed by the Faculty of Engineering, and as contained in attachment 1, to be effective upon approval.

Item

Action Requested	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Recommendation
Proposed by	Fraser Forbes, Dean, Faculty of Engineering
Presenter(s)	Robert Driver, Professor, Department of Civil and Environmental Engineering, Faculty of Engineering Ying Tsui, Associate Dean, Faculty of Engineering

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is <i>(please be specific)</i>	To seek approval for the establishment of the Steel Centre.
Executive Summary <i>(outline the specific item– and remember your audience)</i>	The proposed Steel Centre goes beyond the traditional boundaries of other research endeavours, with an expressed goal of expanded focus on, and generation of, industry-shifting best practices for industry–academic collaboration. The Steel Centre consolidates and makes visible the University of Alberta’s substantial expertise in steel design and construction by providing a central and consistent brand. A named partnership with the Canadian Institute of Steel Construction, the nation’s largest and most-recognized steel industry association, adds considerable strength and prestige to this centre.
Supplementary Notes and context	

Engagement and Routing (Include meeting dates)

Consultation and Stakeholder Participation (parties who have seen the proposal and in what capacity) <For information on the protocol see the Governance Toolkit section Student Participation Protocol >	<u>Those who are actively participating:</u> <ul style="list-style-type: none"> GFC Academic Planning Committee
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> Centres and Institutes Committee (CIC) Randy Goebel, Associate Vice-President Research/Academic and Chair, Centres and Institutes Committee (CIC) Office of the Provost and Vice-President (Academic) Faculty of Engineering students (Research Groups of Drs. Driver, Imanpour, Tomlinson, Yong Li, Leijun Li) Key industry partners (Supreme Group, Collins Steel, Waiward, Dialog, S-Frame Software)

Strategic Alignment

Alignment with <i>For the Public Good</i>	OBJECTIVE 11: Advance the University of Alberta’s reputation for research excellence
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Item No. 9

	<p>by pursuing fundamental and original questions and ideas, pushing the frontiers of knowledge, inspiring creative experimentation, driving innovation, and advancing society.</p> <p>OBJECTIVE 13: Enable University of Alberta researchers to succeed and excel.</p> <p>OBJECTIVE 16: Enhance, increase, and sustain reciprocal, mutually beneficial community relations, community engagement, and community-engaged research and scholarship that will extend the reach, effectiveness, benefit, and value of our university-community connections.</p>		
<p>Alignment with Institutional Risk Indicator</p>	<p>Please note below the specific institutional risk(s) this proposal is addressing.</p> <table border="1" data-bbox="573 688 1523 898"> <tr> <td data-bbox="573 688 1060 898"> <input type="checkbox"/> Enrolment Management <input checked="" type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure </td> <td data-bbox="1060 688 1523 898"> <input checked="" type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input checked="" type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success </td> </tr> </table>	<input type="checkbox"/> Enrolment Management <input checked="" type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input checked="" type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success
<input type="checkbox"/> Enrolment Management <input checked="" type="checkbox"/> Faculty and Staff <input type="checkbox"/> Funding and Resource Management <input type="checkbox"/> IT Services, Software and Hardware <input type="checkbox"/> Leadership and Change <input type="checkbox"/> Physical Infrastructure	<input checked="" type="checkbox"/> Relationship with Stakeholders <input checked="" type="checkbox"/> Reputation <input checked="" type="checkbox"/> Research Enterprise <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Student Success		
<p>Legislative Compliance and jurisdiction</p>	<p>Post-Secondary Learning Act Centres and Institutes Policy (UAPPOL) Academic Centres and Institutes Establishment Procedure (UAPPOL) GFC Academic Planning Committee Terms of Reference</p>		

Attachment:

1. Proposal for the Establishment of the CISC Centre for Steel Structures Education and Research (“Steel Centre”)




Prepared by: Andrea Patrick, Portfolio Initiatives Manager, Office of the Provost and Vice-President (Academic), apatrick@ualberta.ca

University of Alberta Template for Proposals to Establish New Academic Centres and Institutes

Proposers will complete and submit this template to the Office of the Provost for approval in accordance with UAPPOL Policy. This template may be used in two ways:

- 1) As a cover document attached to a completed proposal which has already been approved by the University for submission for external funding. In this case, the template must present the academic arguments for establishing an academic centre or institute, and provide required information that is absent from the original proposal.
- 2) As an expandable template to be completed. In this case, the completed template may be up to 8 to 10 pages in length (not including letters of support or other appendices relevant to the proposal).

Before developing a proposal and completing this template, please contact the Office of the Provost to discuss the scope of the proposed initiative and to discuss steps for review under the UAPPOL Centres and Institutes Policy, as well as associated procedures for academic centres and institutes – www.uappol.ualberta.ca.

1.	<p>Faculty Dean Signature</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 5px;"> <p>Signature:</p>  </td> <td style="width: 30%; padding: 5px;"> <p>Date:</p> <p style="text-align: center;">Jan 4, 2019</p> </td> </tr> </table>	<p>Signature:</p> 	<p>Date:</p> <p style="text-align: center;">Jan 4, 2019</p>
<p>Signature:</p> 	<p>Date:</p> <p style="text-align: center;">Jan 4, 2019</p>		
2.	<p><u>Name of the Proposed Centre or Institute</u> CISC Centre for Steel Structures Education and Research ("Steel Centre")</p>		
3.	<p><u>Academic Justification for Establishment of a Centre or Institute</u></p> <ul style="list-style-type: none"> Define the vision and purpose of the proposed unit Demonstrate that the proposed Centre/Institute does not duplicate other efforts at the University Document the emerging or established excellence of the group of faculty involved, and describe how the proposed Centre or Institute will position the University of Alberta as a national and international leader <p>A formal strategic planning process was undertaken for the Steel Centre that included University of Alberta personnel, industry stakeholders, and guests with an interest in this initiative and who are influential in the construction industry. The process was anchored in two full-day workshops: the first staged as a visioning exercise, wherein big ideas were explored and areas of alignment and misalignment of the participants were identified and debated, and the second for strategic planning. Among the outcomes of these sessions were the carefully crafted vision, mission, and values of the Steel Centre, as follows:</p> <p>Vision: The Steel Centre imagines and transforms the future of structural steel design, fabrication, and construction.</p> <p>Mission: We are an industry-driven education and research network dedicated to continually advancing the steel industry, engaging in interdisciplinary collaborative research, supporting innovative education, and developing leaders of the future.</p> <p>Values: We challenge traditional boundaries. We are a collaborative community with uncompromised integrity. Excellence is in our DNA. We do cool stuff for the real world!</p>		

Similar initiatives at the University of Alberta include the Nasser School of Building Science and Engineering. While related, and indeed complementary, this group is distinct from the Steel Centre in scope and purpose. The Nasser School's driving force is a focus on advancing research for complete building and living systems, from materials to urban planning. The Steel Centre at times could partner with the Nasser School when research topics require expertise in steel construction. However, the Nasser School's emphasis on construction processes, automation, and urban design marks a definite separation between the two groups.

No organisation quite like the Steel Centre exists in Canada, and this is a significant strength for the University. The Canadian Institute of Steel Construction (CISC) is the leading national industry association for the steel construction industry, and the CISC has chosen the U of A for a named research and education centre. By establishing an official Centre at the U of A, we recognise the significant commitment on the part of CISC and are better positioned to continue this unique and exclusive relationship, rather than seeing it diluted to other universities. The Steel Centre is unique in its focus on connecting research outputs to the training of young engineers while conducting leading-edge research in steel construction by leveraging synergies via a nurtured network involving both university and industry expertise. The Steel Centre strives to anticipate and shape future educational and industry thinking and both increase and optimise the nature of interactions for the benefit of both students and industry. The Steel Centre also envisions unique partnerships outside the traditional bounds of structural engineering, e.g., with Computer Science, to investigate the overlapping territory of these fields as they relate to steel construction. With CISC's backing at the national level, the Steel Centre stands to become the primary resource for steel construction research and the clear leader in educational initiatives in the discipline.

Dr. Robert Driver, an established and highly recognised professor, has been appointed as the inaugural Director of the Steel Centre. With a solid combination of industry experience and high-quality academic research, Dr. Driver brings a balanced and thorough vision to the Steel Centre's overall operations. Most recent in his many awards and recognitions is being named a Killam Professor, recognising career excellence in advancing Canada's higher education. Dr. Driver reinforces the University of Alberta's role as a prominent leader in the steel construction industry at an international scale. Additional details about Dr. Driver's qualifications can be found in Section 6.

Dr. Ali Imanpour has demonstrated enormous potential in the early stages of his career, winning the 2017 CISC H.A. Krentz award for the top-ranked steel research proposal in Canada for his work on design guidelines for steel structures in seismic areas. His research in structural stability and simulation adds a strong base for the Steel Centre's initiatives.

To date, three other professors co-supervise work under the Steel Centre: Dr. Doug Tomlinson (Civil and Environmental Engineering), Dr. Leijun Li (Chemical and Materials Engineering), and Dr. Yong Li (Civil and Environmental Engineering).

The Steel Centre goes beyond the traditional boundaries of other research endeavours, with an expressed goal of expanded focus on, and generation of, industry-shifting best practices for industry-academic collaboration. The Steel Centre consolidates and makes visible the University of Alberta's substantial expertise in steel design and construction by providing a central and consistent brand. A named partnership with the Canadian Institute of Steel Construction, the nation's largest and most-recognised steel industry association, strengthens this brand considerably in the eyes of both industry and government.

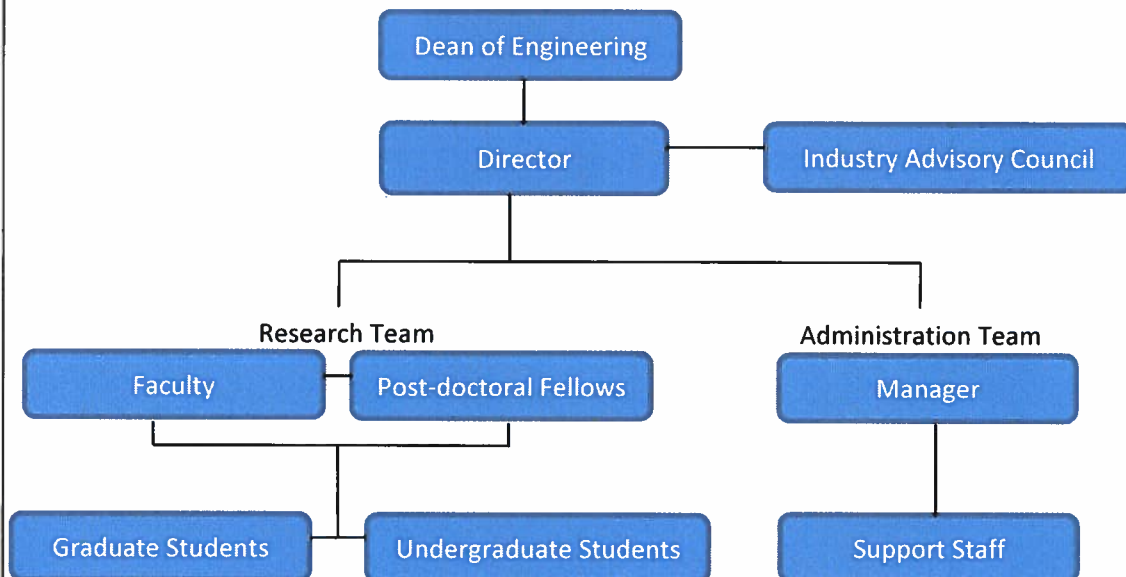
	<p>The current membership of the Steel Centre consists of ten companies and organisations from across Canada, with new members joining each year. Members commit to an annual sponsorship at one of three levels (\$5000, \$10000, or \$20000) for a term of five years (or two years in the case of \$5000 memberships). These amounts are contributed to a joint fund, which is primarily used as the industry cash contribution for NSERC research grants in order to significantly increase the available funding: the typical Collaborative Research and Development (CRD) grant offers 2:1 matching funds. As necessary and appropriate, membership funds can also be applied directly toward research, materials, support of HQP, or other needs. This unique membership model provides the financial stability of a traditional NSERC Industrial Research Chair (IRC), but allows more flexibility to incorporate new members and continue the relationship indefinitely. It is also structured in a way that facilitates reacting quickly to capitalise on unique opportunities as they arise. The Member Agreements have been developed in partnership with the University’s Research Services Office and their legal team.</p>
	<p>Provide a statement of the priority of the proposed centre or institute within the overall priorities of the Faculty and/or the University of Alberta. Include a statement of benefits the University of Alberta could expect to receive through creation of the proposed centre or institute, including benefits to students.</p> <p>The Faculty of Engineering currently seeks to cultivate meaningful relationships with external industry partners, both to advance the high-quality research for which the Faculty is known, and to open up philanthropic opportunities for distinguished alumni. The Steel Centre adds value to this process by developing and deepening ongoing relationships and building a greater sense of engagement, purpose, and trust within the industry–academic dynamic. The Steel Centre transforms traditional arm’s-length industry research support from a one-time financial transaction to an ongoing conversation involving organisational leadership, students, researchers, and relevant industry partners. Industry members have been the first to recruit new members, demonstrating the perceived value of the Steel Centre outside of the University. As the University strives to improve its global rankings, the continued excellence of its engineering programs will remain a central strength.</p> <p>The University of Alberta benefits from:</p> <ul style="list-style-type: none"> - Deeper, more engaged partnership with external industry partners - Organic, zero-cost recruitment of new sources of research funding - Resilient, stable funding for ongoing research in multiple streams - A consolidated image of the University’s work in steel design and construction, which is currently fragmented amongst various researchers and departments - National media coverage through a named partnership with CISC - Improved student training and post-university outcomes for students - Improved ability to attract and retain top talent <p>Students benefit from:</p> <ul style="list-style-type: none"> - Always-relevant training as a result of intentional industry advice and feedback - University of Alberta graduates become known as better-prepared and more job-ready - Strong connections to key industry figures, resulting in increased potential for timely and gainful employment upon graduating - Graduate topics of study that are transferrable and applicable to current industry needs

5. **Provide a description of the proposed centre/institute governance structure/reporting lines. Include a diagram of organizational structure.**

The Director has authority over, and responsibility for, the decisions and actions of the Steel Centre. An Industry Advisory Council, consisting of key representatives of Steel Centre industry member organizations, provides insight, advice, and feedback, but has no authority over the Director. The Steel Centre Manager and any other staff report to their respective supervisors and ultimately the Director, who in turn reports to the Dean of Engineering.

The Industry Advisory Council (IAC) exists to provide high-level feedback and input to the Director for both research and education programs. Although the IAC is not a decision-making body, their positions in industry represent invaluable knowledge of current trends, issues, and attitudes in the construction community. The IAC provides input on research proposals, suggests topics for study, and offers opinions on skills and attributes that are valuable in graduating engineers so that the Steel Centre can plan effective and relevant training and produce industry-ready graduates.

The Director has full operational and financial authority for the Steel Centre. The Director decides which research projects to pursue, supervises all Steel Centre employees, and approves all financial expenditures. The Director provides an annual report to the Dean in order to document achievements and ensure that the Steel Centre’s activities continue to support and align with the Faculty’s vision and goals.



6. **Provide a statement of the role and qualifications of the centre/institute lead of the proposed centre or institute.**

Dr. Robert Driver is the Director of the Steel Centre and is responsible for oversight of all of its operations. His background includes six years of construction-industry design experience, and 21 years as an educator and researcher, with 18 of those at the University of Alberta. His primary focus through each of these career segments has been the design and construction of safe and economical steel structures. He Chairs the technical committee for the development and maintenance of the national standard covering the design and construction of all steel structures in Canada—Canadian Standards Association (CSA) Standard S16, *Design of Steel Structures*. The

	<p>technical committee comprises nearly 50 of the most eminent designers and researchers in the country and internationally. He is also co-author of the book <i>Structural Steel for Canadian Buildings—A Designer’s Guide</i>, widely used by practicing professionals.</p> <p>During the academic part of his career, Dr. Driver has published 150 refereed journal and conference research papers and has taught undergraduate and graduate courses at a number of universities in Canada, the United States, and South Africa. He has received numerous awards, including the Killam Annual Professorship (Killam Trust), the J. James R. Croes Medal (American Society of Civil Engineers), the Raymond C. Reese Research Prize (Structural Engineers Institute/American Society of Civil Engineers), the H.A. Krentz Research Award (Canadian Institute of Steel Construction), the McCalla Research Professorship (University of Alberta), as well as many teaching awards from the University of Alberta, the Association of Professional Engineers and Geoscientists of Alberta (APEGA), and the American Society for Engineering Education (ASEE), among others. He has also been elected by his peers in the Canadian Society for Civil Engineering to the grade of Fellow of the Society. Since joining the University of Alberta, Dr. Driver has supervised more than 60 graduate students and post-doctoral fellows.</p>
7.	<p><u>Employees</u></p> <ul style="list-style-type: none"> a) Provide a statement of the employment status of employees (i.e., are they University of Alberta employees?) b) Specific source(s) of any “University funding” must be identified c) Personnel expenditures must include adequate provisions for benefit costs, salary settlements, and other escalating factors. <p>All employees of the Steel Centre are University of Alberta employees. The Steel Centre Manager’s salary is paid by a portion of the CW Carry Chair’s and Supreme Steel Professorship’s endowed funds, as provided to the Steel Centre by the Office of the Dean of Engineering. Salary figures for future personnel in the attached budget projections include a 23% benefit payment and an allowance for inflation. Details are provided in the attached documentation. These two endowments support the Steel Centre in combination, but only a portion of the annual proceeds is used for this purpose. In the case of the Supreme Steel Professorship, the Terms of Reference state, “The purpose of the Professorship is to foster strong leadership and innovation in the advancement of education and research initiatives related to steel structures engineering, fabrication, and construction, and to contribute to the overall health, vibrancy, advancement, and competitiveness of the steel industry in Canada. The Professorship will be a crucial force for keeping the Civil Engineering program at the University of Alberta at the forefront in the area of developing our society’s infrastructure in efficient, safe and innovative ways.” The CW Carry Chair endowment does not appear to have formal Terms of Reference in place, although its stated purpose is to “Promote steel construction”. To that end, the strategic alignment of these three steel-centred identities (CW Carry Chair, Supreme Steel Professorship, and the Steel Centre) under one staff member allows for greater impact and reduced costs toward furthering their joint vision to advance the Canadian steel construction industry.</p>
8.	<p><u>Financial Plan</u></p> <ul style="list-style-type: none"> a) Include key sources of operating funds, and include revenue sources and expenditures for [ideally] 5 years projected.

	<p>See attached financial documentation. A 5-year budget plan is provided in the Supporting Documentation.</p> <p>b) State specific source(s) of any "University funding"</p> <p>The Faculty of Engineering provides salaries for professors. All other University funding is in the form of FGSR-coordinated student scholarships and Department-funded teaching assistantships.</p> <p>c) Provide a plan for the sustainable funding of the operation of the centre or institute (salaries, equipment and maintenance, IT support [data management, web design, etc.]</p> <p>Equipment costs are incorporated into the budget of each independent NSERC CRD grant and are not expected to fall under Steel Centre expenditures in the majority of cases.</p> <p>The Steel Centre had initially been careful to limit expenditures pending a unified, well-defined direction developed in partnership with the Industry Advisory Council. With these guiding principles now established and a clear sense of the desired outcomes of our industry partners, we are positioned to invest accumulated membership fees effectively. The five-year financial projections reflect a plan to hire postdoctoral fellows (PDFs) for flexible terms to propel new research. The Centre currently plans to hire two PDFs and will then transition those costs into new CRD research grants to reduce the direct expenditure from the Centre's funds. The number of postdoctoral fellows will be adjusted based on annual reviews to reach a sustained target of approximately \$75,000 annual carryover funds. The short-term declining annual balance in the five-year financial projection documentation is a result of this plan to accelerate research capacity, and the annual carry-over funds will then stabilise through anticipated gradual growth of membership.</p> <p>d) Escalation factors must be built into expenditure projections (i.e. escalation due to inflation, future salary settlements, etc.)</p> <p>A 2% inflation figure per year is included in financial projections. Figures subject to this inflation factor are shaded blue. Other cost escalation factors are incorporated into the growth of research activity, and associated external funding, on a year-by-year basis.</p> <p>e) If in-kind support is identified, the specifics of that support must be listed separately.</p> <p>In-kind support is a major component of many Steel Centre research projects. Members donate material and fabrication time for test specimens and other research infrastructure, often totalling tens of thousands of dollars per project. The total value of in-kind support is always at least equal to the industry cash contributions to research, and often much more. For financial projections, the lowest figure has been used as an estimate.</p>
9.	<p><u>Space Requirements.</u></p> <p>Space required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If "No" selected, where is current space? <u>ICE 7-348 (office)</u></p> <p>If "Yes" selected, complete the following:</p> <p><input type="checkbox"/> On-site at the University of Alberta</p> <p><input type="checkbox"/> Awaiting allocation</p>

If rent/lease is required, has this been budgeted for? N/A Yes No

Is funding required? Yes No Reasons: _____

Address the following questions:

a) If rent/lease or license is required, what is the University of Alberta's commitment? N/A

b) If new space or modifications to existing space are required, has Facilities and Operations been contacted and has this been included in the budget? N/A

10. **Potential Risks to the University of Alberta**

a) State any reputational, financial, and/or operational risks to the University of Alberta.

b) Outline plans to mitigate/manage those risks.

c) Risk Management Services may be consulted.

Risk	Mitigation strategy
Project failure for preventable reasons may cause loss of trust by stakeholders.	Best-practices project management standards will be applied to Steel Centre projects, under the direction of the Manager.
Project failure for unpreventable reasons may cause hesitance in current or future members.	Provide data on successful projects, success rates, and plans to recover from unforeseen obstacles.
Late, inappropriate, or incomplete communication could damage stakeholder relations and the University's reputation.	A Communication Strategy will be developed and put into practice.
Steel Centre member companies could fail to provide promised funds.	Most current members are considered "founding" members and, as such, have fostered the establishment of the Steel Centre in the first place and provided substantive input into its vision. All members in the top two membership tiers have committed to 5 years of funding by contract, but indefinite support verbally. While the intent is to drive growth of the Steel Centre with new members, the current level of funding is considered highly robust. Existing members are engaged, motivated, and committed to the success of the Steel Centre and participate actively in the identification and recruitment of new members. To maintain this high level of commitment, members are apprised regularly of successes and benefits arising from the work of the Steel Centre, and recruitment of new members will continue to be aggressive.

11. **Annual Reporting and Strategic Review: In accordance with UAPPOL Policy**

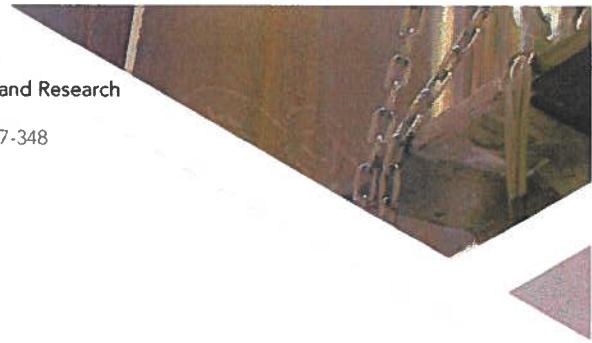
a) State a provision for annual reporting to the Reporting Dean

b) State a provision for annual reporting to the Office of the Provost

	<p>c) State a provision for strategic and operational review by the Reporting Dean (or delegate) at no less frequency than every five years.</p> <p>Annual reports will be presented to the Dean of the Faculty of Engineering and the Office of the Provost. The Steel Centre’s Strategic Plan, established in 2017, will be renewed on a three-year cycle by the Steel Centre, the Industry Advisory Council, and the Dean of Engineering, with the next revision due in 2020. Operational planning is ongoing, but high-level reviews take place annually.</p>
12.	<p><u>Intellectual Property (IP) and Copyright</u></p> <p>a) Will any copyright or patentable IP be created, and if so, how will it be handled? b) How will ownership and commercialization of IP be handled?</p> <p>Copyright of published information will be determined in accordance with University policies and collective agreements. Patentable IP is not an anticipated outcome of the Steel Centre’s work, as one of the basic tenets of the Steel Centre is valuing advancement of the industry rather than individual companies. Current member agreements include the following provision governing the ownership of IP:</p> <p>“All Research Results will be owned by the University or the person entitled to ownership in accordance with University policies or collective agreements.</p> <p>Each Sponsor will be provided with an annual report (the “Research Report”) of the Research Study that will disclose the Research Results. The Research Results are confidential information of the University.</p> <p>Each Sponsor will have a royalty free non-exclusive right to use for such purposes as it deems appropriate the Research Results other than those for which the owner alone or with or through others is seeking, or has obtained, statutory protection. Nothing in this Agreement is a right or license in favor of the Sponsor to use any intellectual property of the University which is not a part of the Research Results.”</p>
13.	<p><u>Termination Plan/Provisions</u></p> <p>a) Exigency plan for termination: If physical and/or financial resources will remain upon termination, a plan for consultation with donors or agencies associated with the centre or institute must be included in the dissolution plan.</p> <p>As per Section 12 of the Member agreements:</p> <p>“12. TERMINATION</p> <p>12.1 In the event that any party fails to remedy any material breach or material default on its part pursuant to this Agreement within thirty (30) days of notice from the other to that effect, the party not in default may upon written notice to the party in default terminate any further right of the party in default under this Agreement.</p> <p>12.2 The Research Project may be terminated by either University or a Sponsor on thirty (30) days notice from one to the other.</p>

	<p>12.3 If a Sponsor has given notice of termination pursuant to this Section 12, the right to receive further Research Results discovered or conceived after the termination date, will be terminated immediately.</p> <p>12.4 Any such termination is without prejudice to or limitation of any other right or remedies of the party not in default including their right to collect sums due to it at the time of such termination.”</p> <p>In the event of total dissolution of the Steel Centre, any remaining funds will be distributed first in accordance with committed research funding to the Principal Investigator(s) of each research project, and second under the terms of other contractual agreements, if any; any remainder will become property of the Faculty of Engineering.</p>
14.	<p>Letters of Support: Attach letters from relevant on- and off-campus sources</p> <p>In lieu of letters, fully-executed contracts outlining specific financial and other commitment are attached.</p>
15.	<p>Provide, if applicable, any <u>agreements and/or memoranda of understanding between the University of Alberta and its partner(s)</u> to establish, fund and operate the proposed academic centre or institute.</p> <p>See attached for current Member agreements totaling \$135,000 in annual funding.</p>

E:\My Documents\Steel Centre\Administration\Official UofA Centre\TSC Academic Centre proposal Apr8-RGD.docx



SUPPORTING DOCUMENTATION

1. Financial projections 2018-2022
2. Letter of Support – Dr. Fraser Forbes, Dean of Engineering
3. Steel Centre Strategic Plan Summary
4. Membership Agreements:
 - i. CISC
 - ii. Supreme Steel
 - iii. Collins Steel, Inc.
 - iv. Waiward Steel LP
 - v. WF Steel & Crane
 - vi. DIALOG
 - vii. S-Frame Software, Inc.
 - viii. TSE Steel
 - ix. Price Steel
 - x. Edmonton Construction Association

CISC Centre for Steel Structures Education and Research

2019 Financial Projections

Legend	Notes
grey cells	Indicates "flow-through" funding; revenue and expenditures always equal
green cells	Indicates first occurrence of new lines
^	Indicates amounts adjusted by inflation factor

Inflation factors	2019	2020	2021	2022
see Note 4	1.02	1.03	1.04	1.05

- Cost estimates exclude physical infrastructure, office space, and IF Morrison Lab space and equipment.
- ICR is refunded when cash contributions are applied toward CRD grants.
- Research assistant salary is funded by 10% of each active CRD. Remainder
- Inflation factor reflects typical annual inflation of 1-2%; increases in overall

Revenues	Industry	University	Government	External Sources
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Expenditures

R1 Memberships				
a Investor Members				
CISC (2016-2020)	\$20,000			
Collins Steel Ltd. (2016-2020)	\$20,000			
Supreme Group LP (2016-2020)	\$20,000			
Waiward Steel LP (2016-2020)	\$20,000			
WF Steel & Crane (2018-2022)	\$20,000			
New Investor A (2019-2023)	\$20,000			
b Influencer Members				
DIALOG (2016-2020)	\$10,000			
S-Frame, Inc. (2018-2022)	\$10,000			
New Influencer A (2019-2023)	\$10,000			
c Supporter Members				
Price Steel Ltd. (2016-2020)	\$5,000			
TSE Steel Ltd (2016-2020)	\$5,000			
Edmonton Construction Association (renewal 2019-2020)	\$5,000			
Total Membership Revenue	\$165,000			

E1 Academic Staff	
Prof. Driver	
Asst. Prof. Imanpour	
Prof. Leijun Li (1/6 FTE)	
Asst. Prof. Tomlinson (1/6 FTE)	
Asst. Prof. Yong Li (1/6 FTE)	
E2 Support Staff	
a Administration	
Programs Administrator	\$81,600 ^
b Research Support	
IF Morrison Lab Technical Staff (10% x 2 FTE)	\$15,300 ^
Research Assistant	\$57,360 ^ See Note 3
Post-doctoral Fellow	\$61,200 ^
Post-doctoral Fellow 2	\$61,200 ^
E3 Student Support Supplements	
a Teaching Assistantships	
Total value of teaching assistantships	\$44,064 ^
b Scholarships	
Total value of scholarships	\$58,650
E4 Research (incl. student support)	
a Indirect Costs of Research (16.6%)	\$27,390 see Note 2

R2 Student Funding				
a Scholarships				
DIALOG Gord A. Anderson				\$5,000
Kulak Scholarship				\$15,000
Queen Elizabeth II Scholarship		\$10,800		
ECA Scholars				\$5,000
Canadian Welding Association				\$5,000
Other Scholarships		\$17,850 ^		
b Teaching Assistantships (Terms)				
3x PhD (50% PhD terms)		\$8,262 ^		
13x MSc (75% MSc terms)		\$35,802 ^		

b Cash contributions from membership fees	
CRD - Lateral-torsional buckling (2x MSc, 1x PhD) 2018-2021	\$15,000
CRD - Standardization of embedded plates (1x M.Sc., 1x Ph.D.) 2018-2020	\$10,000
New CRD - Cantilever LTB 2019-21 (3x MSc)	\$15,000
c NSERC matching funding	
CRD - Lateral-torsional buckling (2x MSc, 1x PhD) 2018-2021	\$30,000
CRD - Standardization of embedded plates (1x M.Sc., 1x Ph.D.) 2018-2020	\$20,000
New CRD - Cantilever LTB 2019-21 (3x MSc)	\$30,000
d In-kind research contributions	
Donated test specimens, consulting, etc.	\$40,000
Donated LTB test specimens	\$18,750

R3 Research Grants				
NSERC CRD (LTB) 2018-2021			\$30,000.00	
NSERC CRD (Embedded plates) 2018-2020			\$20,000.00	
New CRD - Cantilever LTB 2019-21			\$30,000.00	
Additional industry cash contributions				\$20,000

d In-kind research contributions	
Donated test specimens, consulting, etc.	\$40,000
Donated LTB test specimens	\$18,750

R3 Academic Staff				
Prof. Driver				
Asst. Prof. Imanpour				
Prof. Leijun Li (1/6 FTE)				
Asst. Prof. Tomlinson (1/6 FTE)				
Asst. Prof. Yong Li (1/6 FTE)				

E5 Other expenditures	
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R4 Other Revenue				
Programs Administrator (Endowment)		\$81,600 ^		
IF Morrison Lab Technical Staff (10% x 2 FTE)		\$15,300 ^		
Refunded Indirect Costs of Research (ICR)		\$6,640		
In-kind research support			\$58,750	see Note 2

TOTAL REVENUES (\$)	\$165,000	\$176,254	\$80,000	\$108,750	\$530,004
TOTAL REVENUES (%)	31.1%	33.3%	15.1%	20.5%	100.0%
Industry Leveraging Ratio	1 (basis)	1.07	0.48	0.66	1 : 2.21
Industry Leveraging Ratio (excl. Academic Staff)	1 (basis)	0.98	0.48	0.66	1 : 2.12

TOTAL EXPENDITURES (\$)	\$585,514
CARRY OVER FROM 2018	\$262,249
CARRY FORWARD TO 2020 (\$)	\$206,739

CISC Centre for Steel Structures Education and Research

2020 Financial Projections

Legend	Notes
grey cells	Indicates "flow-through" funding; revenue and expenditures always equal
green cells	Indicates first occurrence of new lines
^	Indicates amounts adjusted by inflation factor

Inflation factors	2019	2020	2021	2022
see Note 4	1.02	1.02	1.00	1.00

1	Cost estimates exclude physical infrastructure, office space, and IF Morrison Lab space and equipment.
2	ICR is refunded when cash contributions are applied toward CRD grants.
3	Research assistant salary is funded by 10% of each active CRD. Remainder
4	Inflation factor reflects typical annual inflation of 1-2%, increases in overall

Revenues	Industry	University	Government	External Sources	Expenditures
R1 Memberships					E1 Academic Staff
a Investor Members					Prof. Driver
CISC (2016-2020)	\$20,000				Asst. Prof. Imanpour
Collins Steel Ltd. (2016-2020)	\$20,000				Prof. Leijun Li (1/6 FTE)
Supreme Group LP (2016-2020)	\$20,000				Asst. Prof. Tomlinson (1/6 FTE)
Waiward Steel LP (2016-2020)	\$20,000				Asst. Prof. Yong Li (1/6 FTE)
WF Steel & Crane (2018-2022)	\$20,000				New Asst. Prof.
New Investor A (2019-2023)	\$20,000				E2 Support Staff
New Investor B (2020-2024)	\$20,000				a Administration
					Programs Administrator
					\$83,232 ^
b Influencer Members					b Research Support
DIALOG (2016-2020)	\$10,000				IF Morrison Lab Technical Staff (10% x 2 FTE)
S-Frame, Inc. (2018-2022)	\$10,000				\$15,606 ^
New Influencer A (2019-2023)	\$10,000				Research Assistant
New Influencer B (2020-2024)	\$10,000				\$51,247 ^ See Note 3
					Post-doctoral Fellow
					\$62,424 ^
					Post-doctoral Fellow 2
					\$62,424 ^
c Supporter Members					E3 Student Support Supplements
Price Steel Ltd. (2016-2020)	\$5,000				a Teaching Assistantships
TSE Steel Ltd. (2016-2020)	\$5,000				Total value of teaching assistantships
Edmonton Construction Association (renewal 2019-2020)	\$5,000				\$64,609 ^
New Supporter A (2020-2021)	\$5,000				b Scholarships
New Supporter B (2020-2021)	\$5,000				Total value of scholarships
					\$61,608
Total Membership Revenue	\$205,000				E4 Research (incl. student support)
					a Indirect Costs of Research (16.6%)
					\$34,030 see Note 2
R2 Student Funding					b Cash contributions from membership fees
a Scholarships					NSERC CRD (Imanpour) 2018-2021
DIALOG Gord A. Anderson				\$5,000	\$15,000
Kulak Scholarship				\$15,000	NSERC CRD (Tomlinson) 2018-2020
Queen Elizabeth II Scholarship		\$10,800			\$10,000
ECA Scholars				\$5,000	New CRD - Cantilever LTB 2019-21
Canadian Welding Association				\$5,000	\$15,000.00
Other Scholarships		\$20,808 ^			New CRD B 2020-2022
					\$10,000.00
b Teaching Assistantships (Terms)					c NSERC matching funding
4x PhD (50% PhD terms)		\$11,236 ^			NSERC CRD (Imanpour) 2018-2021
19x MSc (75% MSc terms)		\$53,373 ^			\$30,000
					NSERC CRD (Tomlinson) 2018-2020
					\$20,000
					New CRD - Cantilever LTB 2019-21
					\$30,000
					New CRD A 2020-2023
					\$30,000.00
					New CRD B 2020-2022
					\$20,000.00
R3 Research Grants					d In-kind research contributions
NSERC CRD (LTB) 2018-2021			\$30,000.00		Donated test specimens, consulting, etc.
NSERC CRD (Embedded plates) 2018-2020			\$20,000.00		\$65,000
New CRD - Cantilever LTB 2019-21			\$30,000.00		Donated LTB test specimens
New CRD A 2020-2023			\$30,000.00		\$18,750
New CRD B 2020-2022			\$20,000.00		
R3 Academic Staff					E5 Other expenditures
Prof. Driver					
Asst. Prof. Imanpour					
Prof. Leijun Li (1/6 FTE)					
Asst. Prof. Tomlinson (1/6 FTE)					
Asst. Prof. Yong Li (1/6 FTE)					
New Asst. Prof.					
R4 Other Revenue					
Programs Administrator (Endowment)		\$83,232 ^			
IF Morrison Lab Technical Staff (10% x 2 FTE)		\$15,606 ^			
Refunded Indirect Costs of Research (ICR)		\$10,790			
In-kind research support				\$83,750	see Note 2
TOTAL REVENUES (\$)	\$205,000	\$205,845	\$130,000	\$113,750	\$654,595
TOTAL REVENUES (%)	31.3%	31.4%	19.9%	17.4%	100.0%
Industry Leveraging Ratio	1 (basis)	1.00	0.63	0.55	1:2.19
Industry Leveraging Ratio (excl. Academic Staff)	1 (basis)	0.93	0.63	0.55	1:2.12
TOTAL EXPENDITURES (\$)					\$713,930
CARRY OVER FROM 2019					\$206,739
CARRY FORWARD TO 2021 (\$)					\$147,403

CISC Centre for Steel Structures Education and Research

2021 Financial Projections

Legend	Notes
grey cells	Indicates "flow-through" funding, revenue and expenditures always equal
green cells	Indicates first occurrence of new lines
A	Indicates amounts adjusted by inflation factor

Inflation factors	2019	2020	2021
see Note 4	1.02	1.02	1.02

- Cost estimates exclude physical infrastructure, office space, and IF Morrison Lab space and equipment.
- ICR is refunded when cash contributions are applied toward CRD grants.
- Research assistant salary is funded by 10% of each active CRD. Remainder
- Inflation factor reflects typical annual inflation of 1-2%; increases in overall

Revenues	Industry	University	Government	External Sources	Expenditures
R1 Memberships					E1 Academic Staff
a Investor Members					Prof. Driver
CISC (renewal 2021-2025)	\$20,000				Asst. Prof. Imanpour
Collins Steel Ltd. (renewal 2021-2025)	\$20,000				Prof. Leijun Li (1/6 FTE)
Supreme Group LP (renewal 2021-2025)	\$20,000				Asst. Prof. Tomlinson (1/6 FTE)
Waiward Steel LP (renewal 2021-2025)	\$20,000				Asst. Prof. Yong Li (1/6 FTE)
WF Steel & Crane (2018-2022)	\$20,000				New Asst. Prof.
New Investor A (2019-2023)	\$20,000				E2 Support Staff
New Investor B (2020-2024)	\$20,000				a Administration
					Programs Administrator
					\$84,897 ^
b Influencer Members					b Research Support
DIALOG (renewal 2021-2025)	\$10,000				IF Morrison Lab Technical Staff (10% x 2 FTE)
S-Frame, Inc. (2018-2022)	\$10,000				\$15,918 ^
New Influencer A (2019-2023)	\$10,000				Research Assistant
New Influencer B (2020-2024)	\$10,000				\$48,162 ^ See Note 3
Price Steel Ltd. (renewal 2021-2025)	\$10,000				Post-doctoral Fellow (50% from CRD)
TSE Steel Ltd. (renewal 2021-2025)	\$10,000				\$31,836 ^
					Post-doctoral Fellow 2
					\$63,672 ^
c Supporter Members					E3 Student Support Supplements
Edmonton Construction Association (2021-2022)	\$5,000				a Teaching Assistantships
New Supporter A (2020-2021)	\$5,000				Total value of teaching assistantships
New Supporter B (2020-2021)	\$5,000				\$91,688 ^
New Supporter C (2021-2022)	\$5,000				b Scholarships
New Supporter D (2021-2022)	\$5,000				Total value of scholarships
					\$67,330
Total Membership Revenue	\$225,000				E4 Research (incl. student support)
R2 Student Funding					a Indirect Costs of Research (16.6%)
a Scholarships					\$37,350 see Note 2
DIALOG Gord A. Anderson				\$5,000	b Cash contributions from membership fees
Kulak Scholarship				\$15,000	NSERC CRD (Imanpour) 2018-2021
Queen Elizabeth II Scholarship		\$10,800			\$15,000
ECA Scholars				\$5,000	New CRD - Cantilever LTB 2019-21
Canadian Welding Association				\$5,000	\$15,000
Other Scholarships		\$26,530 ^			New CRD A 2020-2023
					\$15,000
					New CRD B 2020-2022
					\$10,000
					New CRD C 2021-2024
					\$15,000.00
					New CRD D 2021-2023
					\$10,000.00
b Teaching Assistantships (Terms)					c NSERC matching funding
6x PhD (50% PhD terms)		\$17,192 ^			NSERC CRD (Imanpour) 2018-2021
26x MSc (75% MSc terms)		\$74,497 ^			\$30,000
					New CRD - Cantilever LTB 2019-21
					\$30,000
					New CRD A 2020-2023
					\$30,000
					New CRD B 2020-2022
					\$20,000
					New CRD C 2021-2024
					\$30,000.00
					New CRD D 2021-2023
					\$20,000.00
R3 Research Grants					d In-kind research contributions
NSERC CRD (LTB) 2018-2021			\$30,000.00		Donated test specimens, consulting, etc.
New CRD - Cantilever LTB 2019-21			\$30,000.00		\$80,000
New CRD A 2020-2023			\$30,000.00		Donated LTB test specimens
New CRD B 2020-2022			\$20,000.00		\$18,750
New CRD C 2021-2024			\$30,000.00		
New CRD D 2021-2023			\$20,000.00		
R3 Academic Staff					E5 Other expenditures
Prof. Driver					
Asst. Prof. Imanpour					
Prof. Leijun Li (1/6 FTE)					
Asst. Prof. Tomlinson (1/6 FTE)					
Asst. Prof. Yong Li (1/6 FTE)					
New Asst. Prof.					
R4 Other Revenue					
Programs Administrator (Endowment)		\$84,897 ^			
IF Morrison Lab Technical Staff (10% x 2 FTE)		\$15,918 ^			
Refunded Indirect Costs of Research (ICR)		\$13,280			see Note 2
In-kind research support				\$98,750	
TOTAL REVENUES (\$)	\$225,000	\$243,113	\$160,000	\$128,750	\$756,863
TOTAL REVENUES (%)	29.7%	32.1%	21.1%	17.0%	100.0%
Industry Leveraging Ratio	1 (basis)	1.08	0.71	0.57	1:2.36
Industry Leveraging Ratio (excl. Academic Staff)	1 (basis)	1.01	0.71	0.57	1:2.29
TOTAL EXPENDITURES (\$)					\$779,604
CARRY OVER FROM 2020					\$147,403
CARRY FORWARD TO 2022 (\$)					\$124,663

CISC Centre for Steel Structures Education and Research

2022 Financial Projections

Legend	Notes
grey cells	Indicates "flow-through" funding; revenue and expenditures always equal
green cells	Indicates first occurrence of new lines
A	Indicates amounts adjusted by inflation factor

Inflation factors	2019	2020	2021	2022
see Note 4	1.02	1.02	1.02	1.02

Revenues		Industry	University	Government	External Sources	Expenditures	
R1 Memberships						E1 Academic Staff	
a Investor Members						Prof. Driver	
	CISC (renewal 2021-2025)	\$20,000					
	Collins Steel Ltd. (renewal 2021-2025)	\$20,000					
	Supreme Group LP (renewal 2021-2025)	\$20,000					
	Waiward Steel LP (renewal 2021-2025)	\$20,000					
	WF Steel & Crane (2018-2022)	\$20,000					
	New Investor A (2019-2023)	\$20,000					
	New Investor B (2020-2024)	\$20,000					
	New Investor C (2022-2026)	\$20,000					
b Influencer Members						E2 Support Staff	
	DIALOG (renewal 2021-2025)	\$10,000				a Administration	
	S-Frame, Inc. (2018-2022)	\$10,000				Programs Administrator \$86,595 ^	
	New Influencer A (2019-2023)	\$10,000				b Research Support	
	New Influencer B (2019-2023)	\$10,000				IF Morrison Lab Technical Staff (10% x 2 FTE) \$16,236 ^	
	New Influencer C (2020-2024)	\$10,000				Research Assistant \$51,105 ^ See Note 3	
	Price Steel Ltd. (renewal 2021-2025)	\$10,000				Post-doctoral Fellow (50% from CRD) \$32,473 ^	
	TSE Steel Ltd. (renewal 2021-2025)	\$10,000				Post-doctoral Fellow 2 \$64,946 ^	
c Supporter Members						E3 Student Support Supplements	
	Edmonton Construction Association (2021-2022)	\$5,000				a Teaching Assistantships	
	New Supporter C (2021-2022)	\$5,000				Total value of teaching assistantships \$111,058 ^	
	New Supporter D (2021-2022)	\$5,000				b Scholarships	
	New Supporter E (2022-2023)	\$5,000				Total value of scholarships \$70,567	
	New Supporter F (2022-2023)	\$5,000				E4 Research (incl. student support)	
Total Membership Revenue	\$255,000					a Indirect Costs of Research (16.6%) \$42,330 see Note 2	
R2 Student Funding						b Cash contributions from membership fees	
a Scholarships						New CRD A 2020-2023 \$15,000	
	DIALOG Gerd A. Anderson				\$5,000	New CRD B 2020-2022 \$10,000	
	Kulak Scholarship				\$15,000	New CRD C 2021-2024 \$15,000.00	
	Queen Elizabeth II Scholarship	\$10,800				New CRD D 2021-2023 \$10,000.00	
	ECA Scholars				\$5,000	New CRD E 2022-2025 \$15,000.00	
	Canadian Welding Association				\$5,000	New CRD F 2022-2024 \$10,000.00	
	Other Scholarships	\$29,767 ^				c NSERC matching funding	
b Teaching Assistantships (Terms)						New CRD A 2020-2023 \$30,000	
	8x PhD (50% PhD terms)	\$23,381 ^				New CRD B 2020-2022 \$20,000	
	30x MSc (75% MSc terms)	\$87,677 ^				New CRD C 2021-2024 \$30,000.00	
R3 Research Grants						New CRD D 2021-2023 \$20,000.00	
	New CRD A 2020-2023			\$30,000.00		New CRD E 2022-2025 \$30,000.00	
	New CRD B 2020-2022			\$20,000.00		New CRD F 2022-2024 \$20,000.00	
	New CRD C 2021-2024			\$30,000.00		d In-kind research contributions	
	New CRD D 2021-2023			\$30,000.00		Donated test specimens, consulting, etc. \$75,000	
	New CRD E 2022-2025			\$30,000.00			
	New CRD F 2022-2024			\$20,000.00			
R3 Academic Staff						E5 Other expenditures	
	Prof. Driver						
	Asst. Prof. Imanpour						
	Prof. Leijun Li (1/6 FTE)						
	Asst. Prof. Tomlinson (1/6 FTE)						
	Asst. Prof. Yong Li (1/6 FTE)						
	New Asst. Prof.						
R4 Other Revenue							
	Programs Administrator (Endowment)		\$86,595 ^				
	IF Morrison Lab Technical Staff (10% x 2 FTE)		\$16,236 ^				
	Refunded Indirect Costs of Research (ICR)		\$12,450				
	In-kind research support				\$75,000	see Note 2	
TOTAL REVENUES (\$)	\$255,000	\$266,905	\$150,000	\$105,000	\$776,905	TOTAL EXPENDITURES (\$)	\$775,310
TOTAL REVENUES (%)	32.8%	34.4%	19.3%	13.5%	100.0%	CARRY OVER FROM 2021	\$124,663
Industry Leveraging Ratio	1 (basis)	1.05	0.59	0.41	1:2.05	CARRY FORWARD TO 2023 (\$)	\$126,258
Industry Leveraging Ratio (excl. Academic Staff)	1 (basis)	0.98	0.59	0.41	1:1.98		

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9211-116 Street NW
Edmonton, Alberta, Canada T6G 1H9
Tel: 780.492.0503
Fax: 780.492.3973
enginfo@ualberta.ca
www.ualberta.ca/engineering

May 2, 2018

Dr. Randy Goebel, Associate Vice-President (Research and Academic)
Office of the Provost and Vice-President (Academic)
University of Alberta
Edmonton, AB

Dear Dr. Goebel:

Re: CISC Centre for Steel Structures Education and Research ("Steel Centre")

It is my pleasure to provide this letter expressing my support of the Steel Centre's application for designation as a University of Alberta Academic Centre in the Faculty of Engineering. This unique Academic Centre will be focused around the Canadian steel construction industry and, beyond its pursuit of research excellence, a key aspect of its mission is to leverage its research operations to create exceptional co-curricular educational and professional opportunities for undergraduate and graduate students alike. While operating largely in the areas of structural and materials engineering, the Steel Centre envisions establishing research partnerships with complementary disciplines such as computer science that will add critical value in a rapidly-evolving sector as it embraces leading-edge technological innovations.

The Faculty of Engineering is always seeking new ways to invigorate learning experiences, recruit and train top-quality students, and enhance our relationships with the industry leaders who employ our graduates and collaborate with our researchers. The Steel Centre's activities and vision are closely aligned with this strategy, and establishment as an Academic Centre will give our researchers a platform to highlight scholarly excellence in this area. Furthermore, given that the Steel Centre already has substantial financial commitments from ten organizations, and discussions with several others are ongoing, it is clear that the Steel Centre has a solid growth trajectory and long-term fiscal viability.

The University of Alberta will benefit from the increased visibility of this high-profile research, education, and industry partnership under a consolidated identity. Students gain improved access to mentors and career opportunities, as well as enriched educational experiences; researchers have a reliable source of funding and ready access to industry leaders; and industry partners form close relationships with researchers to maximize the value of research activities and accelerate technology transfer to professional practice for the benefit of society and the economy. The Steel Centre provides clear evidence of the value of industry-academic partnerships to all stakeholders.

The Steel Centre will contribute to the Faculty's reputation as a hub for excellence in the training of engineers. The Faculty welcomes this opportunity to showcase the scholarly and research

omplishments achieved by our faculty members working in this growth area that is so vital to the Canadian economy. As a formalized partnership under the Faculty's domain, the Steel Centre adds to the growing number of ongoing partnerships between the Faculty of Engineering and industry sponsors.

I have appointed Prof. Robert Driver, an internationally-known researcher and a successful and experienced educator, as Director of the Steel Centre. Dr. Driver is qualified to lead the Steel Centre and will continue to drive its growth in these crucial initial years. He is also very dedicated to mentoring younger research faculty in the Steel Centre to assist them in their careers and ensure the enduring success of the Centre.

The application of the Steel Centre for establishment as an Academic Centre has the full support of the Faculty of Engineering. Please contact me if you wish to discuss this exciting initiative further.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Fraser Forbes". The signature is stylized and somewhat cursive, with several loops and flourishes.

J. Fraser Forbes, PhD, PEng
Dean of Engineering



STRATEGIC PLAN SUMMARY

VISION

The Steel Centre imagines and transforms the future of structural steel design, fabrication, and construction.

MISSION

We are an industry-driven, student-centred education and research network dedicated to continually advancing the steel industry, engaging in interdisciplinary collaborative research, providing innovative education opportunities, and developing leaders of the future.

VALUES

We challenge traditional boundaries.

We are a collaborative community with uncompromised integrity.

Excellence is in our DNA.

We do cool stuff for the real world!

STRATEGIC DIRECTIONS

Vision	The Steel Centre imagines and transforms the future of structural steel design, fabrication, and construction.				
Strategies	Build a culture of collaboration and trust.	Develop a diverse network.	Enrich the educational experiences of our students.	Identify and seize opportunities that add value to industry.	Co-create and communicate member value.



STRATEGIC OBJECTIVES MATRIX

OBJECTIVES	DIRECTIONS	Build a culture of collaboration and trust.	Develop a diverse network.	Enrich the educational experiences of our students.	Identify and seize opportunities that add value to industry.	Co-create and communicate member value.
1. COMMUNICATION Develop and implement a communications strategy.		✓	✓		✓	✓
2. ENGAGEMENT Implement a platform for member engagement and appoint two 'do-ers' from each member company.		✓	✓		✓	
3. PARTNERSHIP Identify and recruit top five needed collaborators, including at least one 'atypical' partner.			✓	✓	✓	✓
4. RESEARCH Conduct at least two research projects per year, based on industry priorities.		✓	✓	✓	✓	✓
5. UNDERGRADUATE Review current undergraduate program to identify gaps and opportunities, including co-op and co-curricular programs.				✓	✓	✓
6. GRADUATE Industry stakeholders and associations to participate in M.Eng. projects and deliver specialized course materials at graduate level.		✓	✓	✓		
7. MEMBERSHIP Define membership levels, benefits, and desires.			✓			✓

See Appendix for details on the process to establish Strategic Objectives.

Identified priorities (aligned with 4+ strategic directions):

1. Develop and implement a communications strategy.
2. Identify and recruit top five needed collaborators, including at least one 'atypical' partner.
3. Conduct at least two research projects per year, based on industry priorities.

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by Canadian Institute of Steel Construction (CISC) to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 6 day of JUNE, 2016


CISC
FSE-Steel Ltd.

Per: 

Printed Name: Edward Whalen
Address: 3760 - 14th Ave, Suite 200
Markham, ON L3R 3T7
Phone: 905-604-3231
Fax: 905-304-3239

PART 2 - The Governors of the University of Alberta accepts CISC as a Sponsor of the attached Agreement from the 4th day of July 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per:


Research Services Office

Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART I – PAYMENTS

A.1 Membership Fee CISC will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$100,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice CISC in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$20,000.00
 January 1, 2017: \$20,000.00
 January 1, 2018: \$20,000.00
 January 1, 2019: \$20,000.00
 January 1, 2020: \$20,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Canadian Institute of Steel Construction
 Attn: Mr. Edward Whalen
 3760 – 14th Ave, Suite 200
 Markham, ON
 L3R 3T7

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services
 University of Alberta
 3rd Floor, Administration Building
 Edmonton, Alberta
 Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by Collins Steel to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 9 day of May, 2016

Collins Steel

Per: 

Printed Name: Jason Collins
Address: 3740 - 73 Ave
Edmonton, AB T6G 1H9
Phone: 780-440-1414
Fax: 780-466-6583

PART 2 - The Governors of the University of Alberta accepts Collins Steel as a Sponsor of the attached Agreement from the 25 day of May, 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: 

Research Services Office

Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART I – PAYMENTS

A.1 Membership Fee Collins Steel will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$100,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice Collins Steel in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$20,000.00
January 1, 2017: \$20,000.00
January 1, 2018: \$20,000.00
January 1, 2019: \$20,000.00
January 1, 2020: \$20,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Collins Steel
Attn: Jason Collins
3740 – 73 Ave
Edmonton, AB T6G 1H9

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by **Edmonton Construction Association** to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 21 day of December, 2017

Edmonton Construction Association

Per: Jay Summach.

Printed Name: Jay Summach
Address: 1021~~2~~ - 176 Street NW
Edmonton, AB
Canada T5S 1M1
Phone: 780-483-1130

PART 2 - The Governors of the University of Alberta accepts Edmonton Construction Association as a Sponsor of the attached Agreement from the 1st day of January, 2018 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: Marjorie Grady
Research Services Office
Marjorie Grady
Contracts Specialist
Research Services Office
University of Alberta
Dec 22, 2017

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee Edmonton Construction Association will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$5,000.00 for the period January 1, 2018 to December 31, 2018

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Edmonton Construction Association
10212 – 176 Street NW
Edmonton, AB
Canada T5S 1M1

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by **DIALOG** to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 30 day of Sept., 2016

DIALOG

Per: _____



Printed Name: Jeff DiBattista, Principal
Address: 100, 10237 - 104 Street
Edmonton, AB T5J 1B1
Phone: 780-429-1580

PART 2 - The Governors of the University of Alberta accepts **DIALOG** as a Sponsor of the attached Agreement from the 1st day of January, 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: _____



Research Services Office

Julaine Herst
Assistant Director Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee DIALOG will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$50,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice DIALOG in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$10,000.00
January 1, 2017: \$10,000.00
January 1, 2018: \$10,000.00
January 1, 2019: \$10,000.00
January 1, 2020: \$10,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Jeff DiBattista, Principal
100, 10237 – 104 Street
Edmonton, AB T5J 1B1

**CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING
ADDRESS:**

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES


SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by **WF Steel & Crane Ltd.** to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 22 day of December, 2017

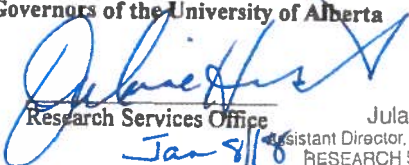
WF Steel & Crane Ltd.

Per:  _____

Printed Name: Ryan Schram
Address: 705 23rd Ave
Nisku, AB
Canada T9E 7Y5
Phone: 587-410-4830

PART 2 - The Governors of the University of Alberta accepts **Wf Steel & Crane Ltd.** as a Sponsor of the attached Agreement from the 1st day of January, 2018 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: 
Research Services Office
Jan 8/18
Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee WF Steel & Crane Ltd. will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$100,000.00 for the period January 1, 2018 to December 31, 2022

The University will invoice WF Steel & Crane in accordance with the following schedule:

January 1, 2018 \$20,000.00
January 1, 2019: \$20,000.00
January 1, 2020: \$20,000.00
January 1, 2021: \$20,000.00
January 1, 2022: \$20,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

WF Steel & Crane Ltd.
705 23rd Ave
Nisku, AB
Canada T9E 7Y5

**CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING
ADDRESS:**

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

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Contributions from the members will be acknowledged by the University on all signs, publications, announcements and press releases of the University dealing with the Research Activities of CISC Steel Centre.

Annual Budget

This budget sketch is based on currently pledged member contributions. While it is presented as an annual budget (members are required to commit to five years of contributions at a fixed rate), the number of members—and consequently the size of the budget—is expected to grow through member recruitment efforts.

Annual Revenues

Investor Members @ \$20,000	\$80,000
Influencer Members @\$10,000	\$10,000
Supporter Members @ \$5,000	\$10,000
Scholarship supplement from CISC	<u>\$15,000</u>
	\$115,000

Annual Research Expenditures

Graduate Student Scholarship	\$15,000
Student Research Stipends	\$50,000
Research Support Staff (50%)	\$30,000
Laboratory Expenditures	<u>\$20,000</u>
	\$115,000 (inclusive of 20% ICR)

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by Price Steel Ltd. to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 31 day of March, 2016

Price Steel Ltd.

Per: 

Printed Name: Dion Kossey, VP Operation
Address: 13500 - 150 Street
Edmonton, AB T5V 1L3
Phone: 780-447-9999
Fax: 780-447-9998

PART 2 - The Governors of the University of Alberta accepts Price Steel Ltd. as a Sponsor of the attached Agreement from the 25 day of May 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: 

Research Services Office

Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee Price Steel Ltd. will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$25,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice Price Steel Ltd. in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$5,000.00
January 1, 2017: \$5,000.00
January 1, 2018: \$5,000.00
January 1, 2019: \$5,000.00
January 1, 2020: \$5,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Price Steel Ltd.
Attn: Dion Kossey
13500 – 150 Street
Edmonton, AB T5V 1L3

**CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING
ADDRESS:**

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

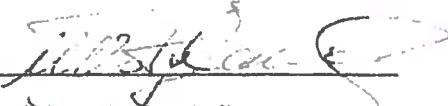
SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by S-Frame Software Inc. to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 24 day of December, 2017

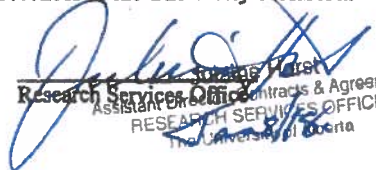
S-Frame Software Inc.

Per: 

Printed Name: Marinos Stylianou
Address: 1158 - 13351 Commerce Parkway
Richmond, BC V6V 2X7
Canada
Phone: 604-273-7737

PART 2 - The Governors of the University of Alberta accepts S-Frame Software Inc. as a Sponsor of the attached Agreement from the 1st day of January, 2018 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: 
Research Services Office
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee S-Frame Software Inc. will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$50,000.00 for the period January 1, 2018 to December 31, 2022

The University will invoice S-Frame Software Inc. in accordance with the following schedule:

January 1, 2018 \$10,000.00
January 1, 2019: \$10,000.00
January 1, 2020: \$10,000.00
January 1, 2021: \$10,000.00
January 1, 2022: \$10,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

S-Frame Software Inc.
1158 - 13351 Commerce Parkway
Richmond, BC V6V 2X7
Canada

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by Supreme Group to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 28 day of March 2016

Supreme Group

Per: _____



Printed Name: Paul Zubick
Address: 10457 - 184 St
Edmonton, AB T5S 1G1
Phone: 780-483-3278
Fax: 780-486-2113

PART 2 - The Governors of the University of Alberta accepts Supreme Group as a Sponsor of the attached Agreement from the 25 day of May 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: _____



Research Services Office
Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee Supreme Group will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$100,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice Supreme Group in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$20,000.00

January 1, 2017: \$20,000.00

January 1, 2018: \$20,000.00

January 1, 2019: \$20,000.00

January 1, 2020: \$20,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Supreme Group
Attn: Paul Zubick
10457 – 184 St
Edmonton, AB T5S 1G1

**CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING
ADDRESS:**

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES


SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by TSE Steel Ltd. to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 23 day of MARCH, 2016

TSE Steel Ltd.

Per: 

Printed Name: Troy Branch
Address: 4436 - 90th Avenue SE
Calgary, AB T2C 2S7
Phone: 403-279-6060
Fax: 403-279-2054

PART 2 - The Governors of the University of Alberta accepts TSE Steel Ltd. as a Sponsor of the attached Agreement from the 25 day of May 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: 

Research Services Office

Julaine Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee TSE Steel Ltd. will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$25,000 for the period January 1, 2016 to December 31, 2020

The University will invoice TSE Steel Ltd. in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$5,000.00

January 1, 2017: \$5,000.00

January 1, 2018: \$5,000.00

January 1, 2019: \$5,000.00

January 1, 2020: \$5,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

TSE Steel Ltd.

Attn: Troy Branch

4436 – 90th Avenue SE

Calgary, AB T2C 2S7

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services

University of Alberta

3rd Floor, Administration Building

Edmonton, Alberta

Canada T6G 2M7

ATTENTION: RESEARCH RECEIVABLES

SCHEDULE B

UNDERTAKING AND ACCEPTANCE

PART 1 - This undertaking is provided by Waiward Steel LP to The Governors of the University of Alberta and the University is accepting this undertaking on the University's own behalf and on behalf of each of the parties that are currently Sponsors pursuant to the terms and conditions of the Agreement attached to this undertaking as Appendix B. The undersigned agrees with the University and each of the Sponsors that pursuant to the provisions of Section 14 of the Agreement, it is from the date set forth in the University's acceptance below (the "Additional Sponsor Effective Date") bound as a Sponsor to the Agreement as if a signatory to the same. The support to be paid by the undersigned to the University, the manner in which such support is to be paid and the amount of any support due concurrently with execution and delivery of this Undertaking and Acceptance are set forth in Appendix A to this Undertaking and Acceptance. The address of the undersigned for the purposes of the Research Grant Agreement is set forth below.

Dated this 18 day of May, 2016

Waiward


Per: _____

Printed Name: Jim Kanerva
Address: 10030 - 34 St
Edmonton, AB T6B 275
Phone: 780-469-1258

PART 2 - The Governors of the University of Alberta accepts Waiward Steel LP as a Sponsor of the attached Agreement from the 25 day of May 2016 in accordance with Section 14 of the Agreement.

The Governors of the University of Alberta

Per: _____


Research Services Office
Juliane Herst
Assistant Director, Contracts & Agreements
RESEARCH SERVICES OFFICE
The University of Alberta

APPENDIX A TO SCHEDULE B (UNDERTAKING AND ACCEPTANCE)
RESEARCH GRANT AGREEMENT

SUPPORT

PART 1 – PAYMENTS

A.1 Membership Fee Waiward Steel LP will pay to the University the amount identified below as that Sponsor's Membership Fee. The Membership Fee will not be adjusted as a result of any difference between budgeted costs and actual costs:

\$100,000.00 for the period January 1, 2016 to December 31, 2020

The University will invoice Waiward Steel LP in accordance with the following schedule:

Upon Signing of this Undertaking and Acceptance: \$20,000.00
January 1, 2017: \$20,000.00
January 1, 2018: \$20,000.00
January 1, 2019: \$20,000.00
January 1, 2020: \$20,000.00

A.2 Payment Invoiced amounts are due and payable by a Sponsor within thirty (30) days of receipt of invoice or within such shorter time as provided in Section B.2. Interest will be paid on overdue amounts at a rate of 15% per annum.

A.3 Default If a Sponsor fails to pay any due and unpaid portion of the Membership Fee within thirty (30) days following notice by the University to the Sponsor that such portion is due and unpaid, the University may upon notice to that Sponsor terminate any further obligation of the University to that Sponsor to complete the Research Activities without prejudice to or limitation of any other rights or remedies of the University.

INVOICE TO BE SENT TO:

Waiward Steel LP
Attn: Jim Kanerva
10030 – 34 St
Edmonton, AB T6B 275

CHEQUES SHOULD BE MADE PAYABLE TO: The Governors of the University of Alberta
PLEASE REFERENCE Dr. Robert Driver, RES0030158 AND FORWARD TO THE FOLLOWING ADDRESS:

Financial Services
University of Alberta
3rd Floor, Administration Building
Edmonton, Alberta
Canada T6G 2M7
ATTENTION: RESEARCH RECEIVABLES

7-224 Donadeo Innovation Centre for Engineering
9211-116 Street, University of Alberta
Edmonton, Alberta, Canada T6G 1H9
Tel: 780.492.7620
civchair@ualberta.ca
uab.ca/civil

May 29, 2019

GFC Academic Planning Committee
University of Alberta
Edmonton, AB

Re: Application from the CISC Centre for Steel Structures Education and Research (the Steel Centre)

Dear committee members,

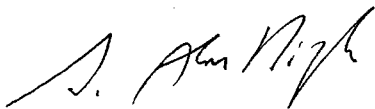
I am writing on behalf of the Department of Civil and Environmental Engineering and the School of Mining and Petroleum Engineering to express the Department's full support of the Steel Centre's application for designated status as a University of Alberta Academic Centre.

The Steel Centre was established in 2016 to provide research, education, and innovation in steel structures engineering for the steel construction industry. The Centre capitalizes on the Department's outstanding national and international reputation as a leader in steel structures research and focuses on the development, growth, and long-term sustainability of the steel construction industry in the province and beyond. The partnership with the Canadian Institute of Steel Construction, the nation's largest and most-recognized steel industry association, enhances the Steel Centre's mission and its path to sustainability.

The Steel Centre is one of the central initiatives included in the recently-created Construction Innovation Centre (CIC). The CIC provides a unified platform to coordinate the activities of all the construction-related research groups at the University, amplifying their impact. However, the CIC and Steel Centre will continue to operate independently and do not duplicate effort. Both will benefit from synergistic alignments, like the pursuit of interdisciplinary funding opportunities and centralized administrative and financial services.

The Steel Centre provides innovative industry-academia programs to educate the next-generation of engineers, laying the groundwork to tackle the big challenges facing Canada's steel industry. The Department enthusiastically endorses designating the Steel Centre as a University of Alberta Academic Centre.

Sincerely,



Simaan M. AbouRizk, PhD, PEng, FRSC, FCAE, NAC
Distinguished University Professor, Construction Engineering and Management
Chair, Department of Civil and Environmental Engineering and School of Mining and Petroleum Engineering
Canada Research Chair in Operations Simulation



CISC Centre for Steel Structures Education and Research
University of Alberta
Donadeo Innovation Centre for Engineering 7-348
9211 116 Street
Edmonton, AB T6G 1H9
780-492-3735
steelcentre.ca

GFC Academic Planning Committee
University of Alberta
Edmonton, AB

May 13, 2019

RE: Support for establishment of the new Academic Centre "CISC Centre for Steel Structures Education and Research", aka "The Steel Centre"

Dear GFC Academic Planning Committee:

We, the undersigned, express full support for the establishment of the Steel Centre as an Academic Centre at the University of Alberta. We continue to see great value in our ongoing partnership with the Steel Centre research group, and we are eager to embark on new and innovative research endeavors, which will be bolstered through this initiative. The Steel Centre provides a unique collaborative space for our companies to work not only with the University, but with one another.

We are pleased with the collaborative research already carried out successfully by the Steel Centre's researchers with the support of and in collaboration with our companies and our fellow industry partners. As a recognized Academic Centre, The Steel Centre will consolidate the steel construction research already taking place, providing greater interconnectedness and support between industry partners, researchers, and the public. This unified hub for the steel construction industry is of great value to Alberta and to Albertan industry, and is a significant improvement from the traditional practice of conducting several disparate, isolated projects. Our combined knowledge and experience is superior to any one member's expertise.

We are committed to ongoing research and in-kind support, as well as advisory input as requested to ensure that the Steel Centre remains closely linked to industry themes and carries out activities that are highly relevant to current industry needs.

As members of the Steel Centre, we are committed to endeavours that support the growth of the steel industry and we feel this represents a major opportunity for improved workflow. We are pleased to participate in this novel collaborative research initiative.

On behalf of Industry Members:

DocuSigned by:
Amir Jamshidi
744583EEB8394C0
Amir Jamshidi

Director, Engineering Services

DocuSigned by:
Jason Collins
C7E5410729A41B
Jason Collins

President

DocuSigned by:
Andy Brooks
B06041F82E9A453...
Andy Brooks

President & CEO



DocuSigned by:
Jeff DiBattista
E7A4DB3E02514F9
Jeff DiBattista
Practice Principal



DocuSigned by:
Marinos Stylianou
B8118B5FB8B64B2
Marinos Stylianou
CEO



challenge
traditional
boundaries.

