

The following Motions and Documents were considered by the GFC Academic Planning Committee at its Wednesday, February 14, 2018 meeting:

Agenda Title: Proposed New Mandatory Student Instructional Support Fees, Proposed Change to Existing Mandatory Student Instructional Support Fees, and Proposed Deletion of Mandatory Student Instructional Support Fees

CARRIED MOTION: THAT the GFC Academic Planning Committee recommend, with delegated authority from General Faculties Council, that the Board of Governors approve:

- the proposed New Mandatory Student Instructional Support Fees (set forth in Attachment 1)
 - the proposed Change to Existing Mandatory Student Instructional Support Fees (set forth in Attachment 2)
 - the proposed Deletion of Mandatory Student Instructional Support Fee (set forth in Attachment 3)
- as submitted on behalf of the relevant Faculties/Departments by the Registrar's Advisory Committee on Fees (RACF), to take effect as noted in each respective attachment.

Final Item 4

Agenda Title: University of Alberta 2018-2019 Tuition Fee Proposal

CARRIED MOTION: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve that tuition governed by the tuition fee regulation for 2018-19 be set at the 2014-15 rates, as directed by the Government of Alberta.

CARRIED MOTION: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve an increase of 3.14% to international tuition fees for 2018-19, as illustrated in the table below:

Undergraduate ^a	2017-18 ^d	2018-10	Change ^e	
			\$	%
Arts and Science	\$21,009.60	\$21,668.40	\$658.80	3.14%
Business	\$27,636.32	\$28,503.12	\$866.80	3.14%
Engineering	\$25,211.52	\$26,002.08	\$790.56	3.14%
Juris Doctor (JD) Program	\$45,573.48	\$47,003.48	\$1,430.00	3.14%
Pharmacy (BSc (Pharm))	\$39,431.68	\$40,666.88	\$1,235.20	3.13%
Economics Course	\$2,680.62	\$2,764.70	\$84.08	3.14%
Graduate ^a	2017-18 ^d	2018-19	Change ^e	
			\$	%
Course Based Master's	\$8,181.36	\$8,437.68	\$256.32	3.13%
Thesis 919 ^b	\$5,104.84	\$5,265.08	\$160.24	3.14%
Thesis Based Masters /PhD ^c	\$7,057.80	\$7,279.32	\$221.52	3.14%
Master's in Business Administration	\$16,017.84	\$16,519.68	\$501.84	3.13%
Integrated Petroleum Geosciences Course	\$2,924.12	\$3,015.86	\$91.74	3.14%
International Graduate Tuition Increase ^{f, g}	\$4,000.00	\$4,000.00	\$ -	0.00%

Notes:

- (a) Values are based on full-time per term and full-time per year unless otherwise stated.
- (b) Tuition applies to thesis students who were admitted to the program of study prior to Fall 2011 and are assessed the reduced thesis rate.
- (c) Tuition applies to thesis students who were admitted to the program of study beginning in Fall 2011 or later; this is based on an annual fee assessment (including spring/summer).
- (d) As approved by the Board of Governors, December 16, 2016.
- (e) Figures may be rounded downwards at fee index level for administrative purposes, thus lowering the effective year over year percentage increase below 3.14 percent.
- (f) Per year for full time student, excluding Cost recovery and graduate course based Physical Therapy, Occupational Therapy, and Speech master's programs in Faculty of Rehabilitation Medicine.
- (g) \$4000 will be cost-neutral and offset by an equal amount of financial support.

Final Item 5A

Agenda Title: University of Alberta's Comprehensive Institutional Plan (CIP) (2018-2021): Budget and Capital Plan

CARRIED MOTION: THAT the Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve the 2018-19 Consolidated Budget as set forth in Tables 1 and 2 of Attachment 1, and the 2018-2019 Capital Plan, as set forth in Attachment 2.

Final Item 5B

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OUTLINE OF ISSUE
Action Item

Agenda Title: **Proposed New Mandatory Student Instructional Support Fees, Proposed Change to Existing Mandatory Student Instructional Support Fees and Proposed Deletion of Mandatory Student Instructional Support Fee.**

Motion: THAT the GFC Academic Planning Committee recommend, with delegated authority from General Faculties Council, that the Board of Governors approve:

- the proposed New Mandatory Student Instructional Support Fees (set forth in Attachment 1)
- the proposed Change to Existing Mandatory Student Instructional Support Fees (set forth in Attachment 2)
- the proposed Deletion of Mandatory Student Instructional Support Fee (set forth in Attachment 3)

as submitted on behalf of the relevant Faculties/Departments by the Registrar’s Advisory Committee on Fees (RACF), to take effect as noted in each respective attachment.

Item

Action Requested	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Recommendation
Proposed by	Vice-Provost and University Registrar and the Faculties and Departments that have proposed new and changed fees.
Presenter	Lisa Collins, Vice-Provost and University Registrar

Details

Responsibility	Provost and Vice-President (Academic)
The Purpose of the Proposal is (please be specific)	To establish new Mandatory Student Instructional Support Fees, Change Existing Mandatory Student Instructional Support Fee and Deletion of existing Mandatory Student Instructional Support Fee.
The Impact of the Proposal is	As stated in the purpose and outlined in each attached proposal.
Replaces/Revises (eg, policies, resolutions)	Creates new Mandatory Student Instructional Support Fees, change existing Mandatory Student Instructional Support Fees and delete existing Mandatory Student Instructional Support Fees.
Timeline/Implementation Date	Implementation dates vary; see the attachments for detail.
Estimated Cost and funding source	N/A
Next Steps (ie.: Communications Plan, Implementation plans)	After final approval by the Board of Governors, the proposed fees would be implemented by the Office of the Registrar, Financial Services and the corresponding units proposing fee changes. The Office of the Registrar will communicate the approval of all fees to the proposers of the various fees contained in this proposal. All of these categories of fees are listed on the Office of the Registrar’s website and the units initiating the proposal are responsible for communicating any fees to the impacted students.
Supplementary Notes and context	Representatives of the proposing units will also be in attendance at the February 14, 2018 meeting of GFC APC to respond to questions.

Engagement and Routing (Include meeting dates)

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<p>Participation: (parties who have seen the proposal and in what capacity)</p> <p><For further information see the link posted on the Governance Toolkit section Student Participation Protocol></p>	<p><u>Those who have been informed:</u></p> <ul style="list-style-type: none"> As outlined in various proposals
	<p><u>Those who have been consulted:</u></p> <ul style="list-style-type: none"> As outlined in various proposals
	<p><u>Those who are actively participating:</u></p> <ul style="list-style-type: none"> As outlined in various proposals
<p>Approval Route (Governance) (including meeting dates)</p>	<p>GFC Academic Planning Committee – February 14, 2018 Board Finance and Property Committee – February 27, 2018 Board of Governors – March 16, 2018</p>
<p>Final Approver</p>	<p>Board of Governors</p>

Alignment/Compliance

<p>Alignment with Guiding Documents</p>	<p><u>Institutional Strategic Plan – For the Public Good:</u></p> <p>SUSTAIN: Sustain our people, our work, and the environment by attracting and stewarding the resources we need to deliver excellence to the benefit of all.</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>Objective 22: Secure and steward financial resources to sustain, enhance, promote, and facilitate the university’s core mission and strategic goals.</p> <p>i. Strategy: Seek and secure resources needed to achieve and support our strategic goals.</p> <p>ii. Strategy: Ensure a sustainable budget model to preserve and enhance our core mission and reputation for excellence in teaching, learning, research, and community engagement.</p>
<p>Compliance with Legislation, Policy and/or Procedure Relevant to the Proposal (please <u>quote</u> legislation and include identifying section numbers)</p>	<p>1. <i>Post-Secondary Learning Act (PSLA): Sections 61(1) and (2)(a)</i> “Tuition fees 61 (1) The board of a public post-secondary institution shall set the tuition fees to be paid by students of the public post-secondary institution. (2) The tuition fees under subsection (1) for all public post-secondary institutions other than Banff Centre (a) must be set in accordance with the regulations[.]”</p> <p>2. <i>Post-Secondary Learning Act (PSLA) Regulations – Alberta Regulation 273/2006 – Section 2:</i> “Definition of tuition fees for Act purposes, etc. 2. For the purposes of the Act and this Regulation, ‘tuition fees’ in respect of an institution means the following:</p>

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(a) fees identified in the institution’s calendar or in a supplement to its calendar as tuition fees or fees for instruction for courses that are part of programs approved by the Minister under the *Programs of Study Regulation* (AR 91/2009) or for the purposes of the *Student Financial Assistance Act*, excluding the following:

- (i) courses taken as part of a distance delivery program by individuals who do not reside in Alberta;
- (ii) apprenticeship programs under the *Apprenticeship and Industry Training Act*;
- (iii) off-campus cost recovery instruction programs;
- (iv) courses provided under a third party contract;
- (v) any differential or surcharge in fees that the board of the institution may set for courses taken by individuals who are not Canadian citizens or permanent residents of Canada;

(b) mandatory fees that are payable to the institution by students for materials and services that facilitate instruction in the courses included in clause (a), excluding the following:

- (i) fees for equipment or materials that are retained or leased by students;
- (ii) fees charged in respect of work placements or practicum experience where the persons or unincorporated bodies providing the work placement or practicum experience do not receive funding from the Government in respect of it.”

3. *Post-Secondary Learning Act (PSLA)*: The *PSLA* gives GFC responsibility, subject to the authority of the Board of Governors, over academic affairs (Section 26(1)). Section 26(1)(o) provides that GFC may make recommendations to the Board of Governors on a number of matters including the budget and academic planning.

4. Board of Governors General Terms of Reference, Section 1 (b):
“The Board has delegated to each Committee responsibility and authority to make decisions on behalf of the Board in the Committee’s defined area of responsibility except to the extent that such authority has been specifically limited by the Board in the Terms of Reference for the Committee.”

5. Board Finance and Property (BFPC) Terms of Reference, Section 3(d):
“3. Without limiting the generality of the foregoing, the Committee shall:
[. . .]
d) review and recommend to the Board tuition and other like fees[.]”

6. UAPPOL Student Instructional Support Fee Definition of Mandatory Instructional Support Fee: “Mandatory fees assessed in anticipation of costs for supplies, equipment, materials, or services which are not directly related to the delivery of instruction in a course or program, but are considered required elements of a course or program. Examples include but are not limited to the costs of food, lodging, and transportation for required field trips; supply of certain specialized professional tools which the student will retain; and fees for arranging professional placements such as practica, internships,

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	<p>and work experience. All mandatory instructional support fees require the approval of the Board of Governors.”</p> <p>7. <i>University of Alberta Calendar</i> : “The University of Alberta complies with the Government of Alberta’s Tuition Fee Policy which states that postsecondary institutions may charge mandatory student fees for instruction to support the provision of supplies, equipment, materials and services to students.”</p> <p>8. <i>GFC Academic Planning Committee</i> Terms of Reference (Mandate) “4. Budget Matters [...] b. To recommend to the Board of Governors on the annual budget, excluding budgets for ancillary units.”</p>
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Attachments:

1. Attachment 1 (pages 5-31): Proposals for New Mandatory Student Instructional Support Fees
2. Attachment 2 (pages 32-35): Proposal for Changes to Existing Mandatory Student Instructional Support Fees
3. Attachment 3 (pages 36-38): Proposals for Deletion of Mandatory Student Instructional Support Fee

Prepared by: Angelene Lavers, Office of the Registrar, angelene.lavers@ualberta.ca

Attachment 1

Proposals for New Mandatory Student Instructional Support Fees

Course	Implementation	Fee	Page Number
INT D 225	May 1, 2018	\$970 - \$1520	6
AUBIO 315	September 1, 2018	\$0 - \$100	14
SCI 151	September 1, 2018	\$80 - \$100	16
University of Alberta International - Internship/Work Placements	May 1, 2018	\$500	19
MEC E 464	September 1, 2018	\$400 - \$600	28

Mandatory fees assessed in anticipation of costs for supplies, equipment, materials, or services which are not directly related to the delivery of instruction in a course or program, but are considered required elements of a course or program. Examples include but are not limited to the costs of food, lodging, and transportation for required field trips; supply of certain specialized professional tools which the student will retain; and fees for arranging professional placements such as practica, internships, and work experience. All mandatory instructional support fees require the approval of the Board of Governors.

Definition is taken from UAPPOL Student Instructional Support Fee Definition of Mandatory Instructional Support Fee.

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: May 23, 2017

Item No. <02>

Request for Approval for: IntD 225 – PTJC – Ritsumeikan Summer Studies

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE: This course was established in 2012 between the University of Alberta and Ritsumeikan University to promote Japan-Canada students' mobility, which is a core mandate of the Prince Takamado Japan-Canada Memorial Fund. It is administered by the PTJC and run by Ritsumeikan University. The course ran for three years until 2015, since then it was suspended due to curriculum reviews and fee issues. Due to the limited availability of funding, PTJC is no longer able to cover the students' fees that are necessary for the operation of this course.

As there are very few short-term courses offered in Japan, our centre receives a number of inquiries from students regarding the availability of this course. At the same time, hosting these courses at Ritsumeikan University, one of the universities that have a university-wide MOU with the University of Alberta, offers opportunities for collaborative academic networking for both students and faculty members from our university.

These short-term courses are designed to give students, who may have never studied outside Canada or cannot study abroad for a long period, optimal learning opportunities to experience foreign culture and study Japan in one of the safest and culturally dynamic settings.

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	Arts / PTJC
Dean/Chair	Lesley Cormack / Aya Fujiwara
Primary Contact (Name, phone number, and e-mail)	Aya Fujiwara (492.1569, fujiwara@ualberta.ca)
Secondary Contact (Name, phone number, and e-mail)	Oliver Rossier (492.5247, orossier@ualberta.ca)

Item

Purpose of Fee (what it is to be used for)	Ritsumeikan University service fees, including medical facilities on campus, human resources for information sessions and consultations.
Proposed Amount	\$970 (without optional fees) – \$1520 (with optional fees) per student.
Previous Fee Amount (if this is a new fee, please indicate that)	New fee (Previously funded from the PTJC, but that is no longer financially sustainable. Without the financial support through these fees

here)	this programme will very likely be discontinued.)
Requested Implementation Date	MAY 1, 2018
The Impact of the Fee (number of students affected, etc.)	Depends on enrollment approximately 17 - 25
Collected Centrally or by Department	Department

Course Information (if fee is attached to a course)

Course Name(s)	IntD 225 – PTJC – Ritsumeikan Summer Studies
Required Course(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The course/program is on or off campus	<input type="checkbox"/> On-Campus <input checked="" type="checkbox"/> Off-Campus
New or Existing Course(s)	Existing Course
New or Existing Program (include name)	N/A
Course Description(s)	This is an interdisciplinary Japan-study course offered by the Department of Letters at Ritsumeikan University. Our faculty member will teach one course per year. The topic of the course will be determined each year by the instructor in the field of Japan.

Details

Estimated Costs (Budget information may be included here or as an attachment)	Please find attached
Explanatory Notes	Accommodation and other administrative fees, which are paid to Ritsumeikan University, were included in this budget proposal because it is more efficient and economical for UAlberta to collect payment and pay Ritsumeikan in advance. All other fees are either required for the operation of this program; or optional for assistance with visas or for participation in field trips.

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar's Advisory Committee on Fees and in what capacity)	Office of Interdisciplinary Studies (consultation), Faculty of Arts (consultation), University of Alberta International (consultation)
Student Group Consultative Route	
Advisory Route (RACF) Include dates	May 23, 2017
Approval Route* (Governance) *The approval process is initiated in January for the next academic year	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC) Board of Governors (BG)
Final Approver	Board of Governors

Attachments (each to be numbered 1 - <>)

1. budget proposal
2. detailed information for fee
3. Letter of Support – Department of East Asian Studies
4. Letter of Support – East Asian Studies Undergraduate Students' Association

Mandatory Expenses

<i>Instructor airfare and ground transportation</i>	\$ 1,600	<i>Edmonton - Kyoto - rtn</i>
<i>Instructor Accommodation</i>	\$ 900	<i>\$60/day x 15 days</i>
<i>Travel per diem</i>	\$ 1,275	<i>\$85/day (International per diem) x 15 days</i>
<i>Total Instructor Travel Expenses</i>	\$ 3,775	
Total instructor travel/per student*	\$ 180	Estimate based on 21 students, rounded to nearest dollar
Service Fee	\$ 190	Required by Ritsumeikan University
Housing Fee	\$ 400	\$25 per night x 16 nights
Student Communication costs	\$ 100	Application postage, telephone, wire transfer fees, printing
Student Administrative support	\$ 100	Applicant screening, consultations, info sessions (\$25/hr x 4 hours)
TOTAL MANDATORY EXPENSES / STUDENT	\$ 970	

Optional Expenses

Visa assistant fees for non visa-exempt countries	\$ 150	For some students to apply for their visas, RU has to issue letters and documents and send PTJC original documents.
Field trips	\$ 400	Field trips vary from year to year, but in 2015, participants went to places like Kyoto City Museum, Kyoto International Manga Museum, and zen classes in some temples.
SUBTOTAL OPTIONAL EXPENSES	\$ 550	
TOTAL MANDATORY EXPENSES / STUDENT	\$ 1,520	

Overall Budget estimates

	# of students	Low Range	High Range
		\$ 970	\$ 1,520
Low Enrollment	17	\$ 16,490	\$ 25,840
High Enrollment	25	\$ 24,250	\$ 38,000

Cost collected and paid to Ritsumeikan by PTJC (Rate: 1 CAD = 85 YEN)

3-32A Pembina Hall
Edmonton, Alberta, Canada T6G 2H8
Tel: 780.492.1131
Fax: 780.492.2000
lupke@ualberta.ca
www.eastasianstudies.ualberta.ca

June 9, 2017

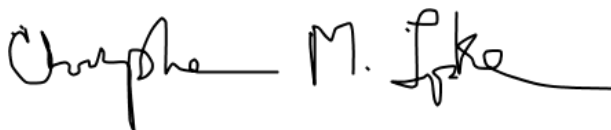
To whom it may concern:

I am writing this letter in my capacity as Chair of East Asian Studies in very strong support of the joint program between our university and Ritsumeikan University in Kyoto Japan. The joint program between our institutions is virtually unique as far as I know, and it offers both their students and ours an interesting and useful way to combine studies at our two universities. We need more such programs of study so that Canadian students can gain a deep understanding of Japanese culture and history and a high level of language proficiency in Japanese. The program has obvious benefits to students from Japan, but what also must be kept in mind is that Japanese students who come and reside on our campus for a semester, or a year or two, are an asset to our students and our intellectual community here.

The University of Alberta and Ritsumeikan University enjoy long and extensive relations. Students from our university have been studying at Ritsumeikan for more than a generation. Ritsumeikan is an outstanding institution in Japan. The lovely, urban, campus is perfectly located a stone's throw from some of the most iconic gardens and temples in Kyoto, to which people throughout the world travel all the time to view and enjoy. Ritsumeikan has broad relations with universities throughout North America and Western Europe, and they are well-experienced in hosting foreign students. They have a strong program in teaching Japanese as a foreign language. They have decades of experience in housing students, both in dormitories and in Japanese home-stays. It is an ideal place to send a student for a study abroad program for a summer, a semester, or a full academic year.

I sincerely hope we can see our important and fruitful relationship with Ritsumeikan maintained, further developed, enhanced, and extended. I see it as a valuable asset to our menu of options for students wishing to study abroad. It is of course a great opportunity for students majoring in East Asian Studies. I therefore support this proposal completely and emphatically.

Sincerely,



Christopher Lupke, Ph. D.
Professor and Chair



To whom it may concern,

I am writing this letter in my capacity as the Japanese Studies Representative for the East Asian Studies Undergraduate Students' Association (KGK) in support of the continuation of the Ritsumeikan Summer Japanese Program (RSJP).

A summer program such as the RSJP allows students to extend and deepen their education without postponing their degrees, which many students must do when they choose to go abroad during the fall or winter semesters. The summer program at Ritsumeikan in particular extends beyond language instruction to also introduce students to various Japanese cultural practices. This allows students to gain a deeper understanding of the context behind the Japanese language, which is difficult to gain if one studies solely in a foreign language class context.

I have attached to this letter testimonials written by a couple of students who attended the RSJP during the summer of 2016. I hope that the program will continue to be offered and provide students with the valuable opportunity to enrich their Japanese language and culture education.

Sincerely,

Danielle Warner
Japanese Studies Representative
East Asian Studies Undergraduate Students' Association

Ritsumeikan Summer Japanese Program Testimonial

Name: Lucas Becker

Attendance Date: May-June 2016

Faculty and Major: Faculty of Education, Secondary Education, Japanese Major

The Ritsumeikan Summer Japanese Program was a life-changing experience that not only allowed me to grow as a person in a multitude of experiences and ways, but the experience also brought members from many nations together in a truly unique bonding experience. Ritsumeikan compliments this sense of internationalism by actively encouraging a global mindset in its quality education in the Japanese Language and in Japanese Culture on a daily basis. RSJP offered an opportunity for myself and others to really see what its like to be plunged into an unfamiliar situation, and with the help of the staff and students at Ritsumeikan, we thrived.

Ritsumeikan allows its RSJP students to come to the ancient city of Kyoto, and experience traditional Japanese arts, as well as be in complete immersion in both traditional culture and the history not accessible anywhere else in Japan. From a demonstration from the main house of traditional Japanese tea ceremony, close proximity to the birthplace of Zen Buddhism, and other Kyoto specific events are where the RSJP program differentiates itself from any other travel abroad program in Japan. The month long program was an unforgettable opportunity I wish others have for years and years to come.

Thank you,

Lucas Becker

Ritsumeikan Summer Japanese Program Testimonial

Name: Iyla So

Attendance date: May-June 2016

Faculty and Major: School of Public Health, Master of Public Health

Just over a year ago, in May to June of 2016, I attended the Ritsumeikan Summer Japan program, also known as RSJP. At the time, I had just finished the first year of my Master of Public Health at the School of Public Health, and although my degree has little to do with Japanese culture or language, I had a great interest in it since I had taken up to JAPAN 202 in my undergraduate. I am very grateful that I was able to participate in this program despite not being in a Japanese major or minor. RSJP was a great refresher for my Japanese language learning, but also so much more. The program itself has a great balance between actual Japanese language classes, culture activities, and free time, such that the students are always surrounded the Japanese language and culture and have every opportunity to learn. I truly had a wonderful experience in the beautiful, traditional city of Kyoto and have a lingering attachment to the city and all the friends I made and activities I had done there. The great thing about doing RSJP with the U of A is that I was able to make a number of friends that would help support my Japanese language learning back at home, in addition to making Japanese friends, and friends from other countries. Myself as well as other friends have attended RSJP over the years and we all consider it an important and treasured experience in our lives.

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: May 23, 2017

Item No. <03>

Request for Approval for: Field trip fee for AUBIO 315 Advanced Biological Analysis

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE: Request the implementation of a \$0-100 MSIS fee for a required field trip in AUBIO 315. This is an optional course for students in Augustana BA or BSc Biology majors, but the field trip is a required element of the Advanced Analysis course.

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	Augustana Faculty, Department of Science
Dean/Chair	Peter Berg, Chair
Primary Contact (Name, phone number, and e-mail)	Peter Berg 780-679-1514 pberg@ualberta.ca
Secondary Contact (Name, phone number, and e-mail)	Jonathan Hawkins 780-679-1117 jh12@ualberta.ca

Item

Purpose of Fee (what it is to be used for)	To cover the transportation costs of a field trip to the Augustana Miquelon Lake Research Station to allow practical hands-on experience of the advanced statistical analysis applications introduced in this course for senior biology students.
Proposed Amount	\$0-100
Previous Fee Amount (if this is a new fee, please indicate that here)	New Fee
Requested Implementation Date	Fall 2018
The Impact of the Fee (number of students affected, etc.)	Estimated enrollment capacity of the course is currently 30, but could be slightly higher if demand warrants.
Collected Centrally or by Department	Department

Course Information (if fee is attached to a course)

Course Name(s)	AUBIO 315 Advanced Biological Analysis
Required Course(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The course/program is on or off campus	<input checked="" type="checkbox"/> On-Campus <input type="checkbox"/> Off-Campus
New or Existing Course(s)	New
New or Existing Program (include name)	Existing – BA or BSc majors in Biology in Augustana Faculty
Course Description(s)	Application of statistical and informatics methods for analysis of biological datasets (e.g., plant, bird and bat communities) using both univariate and multivariate techniques. Students will also develop critical skills in research design, organization and interpretation of data, and written and oral communication skills. Course also includes data collection during a short field trip. Prerequisites: AUBIO 253 and AUSTA 215.

Details

Estimated Costs (Budget information may be included here or as an attachment)	Augustana's 24-passenger bus would usually suffice for a field trip in this course, so costs would be relatively low, but if enrollment exceeds 24, a larger bus, or second vehicle, would be required which would increase costs slightly.
Explanatory Notes	A range is proposed for this fee in case transportation costs increase, an additional field trip is included, or the class size increases and an additional or larger bus is required.

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar's Advisory Committee on Fees and in what capacity)	Department of Science, Augustana Faculty February 13, 2017 Augustana Faculty Curriculum Committee March 2, 2017 Augustana Faculty Council March 6, 2017
Student Group Consultative Route	The three bodies noted above under 'Consultative Route' include voting student representatives, all of whom expressed support for the proposal.
Advisory Route (RACF) Include dates	May 23, 2017
Approval Route* (Governance) *The approval process is initiated in January for the next academic year	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC) Board of Governors (BG)
Final Approver	Board of Governors

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: **November 28, 2017**

Item No. <03>

Request for Approval for: **SCI 151- InSciTE: Scientific Inquiry and Data Analysis**

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE: Request for a Mandatory Student Instructional Support Fee to recover the costs of the bus rentals for the field experience for InSciTE (the Interdisciplinary Science Threshold Experience). Past experience has shown that these expenses are typically around \$5000 for 60 students. Thus we request a variable fee of \$80-100 per student, with the 2018-9 fee set at \$80 per student.

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	Science
Dean/Chair	Jonathan Schaeffer
Primary Contact (Name, phone number, and e-mail)	Elena Nicoladis Acting Associate Dean, Learning and Innovation, Faculty of Science 780-492-1676 sciadli@ualberta.ca
Secondary Contact (Name, phone number, and e-mail)	N/A

Item

Purpose of Fee (what it is to be used for)	To recover the costs of field experience expenses, specifically bus rental. The proposed fee is for SCI 151, the flagship of InSciTE (the Interdisciplinary Science Threshold Experience), which is not required for any program at the University of Alberta. Students can take some of the same course material through traditional Science courses (i.e., CHEM 101, BIOL 107 + MATH 134 or PHYS 144 + MATH 144) without the option of the field experience and interdisciplinary connections.
Proposed Amount	\$80-100 (set at \$80 per student for 2018-9)
Previous Fee Amount (if this is a new fee, please indicate that here)	\$0 (new fee)

Requested Implementation Date	September 1, 2018
The Impact of the Fee (number of students affected, etc.)	Approximately 80 students in 2018-9. The targeted enrollment of InSciTE for 2018-9 is 80.
Collected Centrally or by Department	Fees will be collected by central per the usual fee collection procedure.

Course Information (if fee is attached to a course)

Course Name(s)	SCI 151- InSciTE: Scientific Inquiry and Data Analysis
Required Course(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The course/program is on or off campus	<input checked="" type="checkbox"/> On-Campus <input type="checkbox"/> Off-Campus
New or Existing Course(s)	Existing.
New or Existing Program (include name)	N/A
Course Description(s)	<p>SCI 151 - InSciTE: Scientific Inquiry and Data Analysis</p> <p>★ 6 (fi 12) (two term, 3-0-3) This interdisciplinary science project course, which is rooted in statistical analysis and the scientific process, is the keystone course of the Interdisciplinary Science Threshold Experience (InSciTE). Students will explore connections between scientific disciplines while engaging in individual and group activities in the lecture and laboratory. This course includes both instructor and student directed projects that incorporate concepts and methods in applied statistics such as data collection and presentation, descriptive statistics, probability, sampling distributions, the central limit theorem, point estimation and hypothesis testing, correlation and regression analysis, goodness of fit and contingency table. Prerequisite: Pure Mathematics 30 or Mathematics 30-1. Credit may not be obtained for both SCI 151 and either STAT 151, PEDS 109, or SOC 210. Corequisites: CHEM 101 and MATH 117 or MATH 134 or MATH 144 in the Fall term. Enrollment is by consent of the Faculty of Science and requires formal admission to InSciTE.</p>

Details

Estimated Costs (Budget information may be included here or as an attachment)	\$4700 (Fall 2017 transportation cost for approximately 60 students to attend the weekend-long field experience in Jasper).
Explanatory Notes	The per-student cost worked out to \$78.33 for the 2017-8 academic year. We have rounded that amount to \$80 per student for the 2018-9 academic year, in order to account for contingency, any inflationary increases and overhead costs.

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar's Advisory Committee on Fees and in what capacity)	Dr. Michelle Spila, Academic Coordinator of InSciTE
Student Group Consultative Route	We consulted with 15 InSciTE alumni and all were agreeable to paying for the transportation costs of the field experience. The majority (13/15) were comfortable with the amount of money we proposed.
Advisory Route (RACF) Include dates	November 28, 2017
Approval Route* (Governance) *The approval process is initiated in January for the next academic year	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC) Board of Governors (BG)
Final Approver	Board of Governors

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: November 28, 2017

Item No. <04>

Request for Approval for: UAI Internship/Work Placements

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE:

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	University of Alberta International
Dean/Chair	Britta Baron, Associate Vice-President (International)
Primary Contact (Name, phone number, and e-mail)	Trevor Buckle Phone: 780-248-1458, trevor.buckle@ualberta.ca
Secondary Contact (Name, phone number, and e-mail)	Doug Weir Phone: 780 492-5396, doug.weir@ualberta.ca

Item

Purpose of Fee (what it is to be used for)	<p>This MSISF is proposed to cover expenses for sourcing international internships/work placements as well as provide on-site support for students once they are in the country in question and participating in the placement.</p> <p>Services include: conducting an initial meeting with each student, resume review, contacting potential internship hosts, sourcing the placements, facilitating interviews, pre-departure preparation, housing assistance, advice on visas/work permits, risk management monitoring and site visits with both the intern and host.</p> <p>Please note that participating in an international work placement is not a mandatory requirement in any UAlberta work experience program. This is an optional choice that a student can consider in addition to traditional placements in Canada that would not require this additional support.</p>
Proposed Amount	\$500
Previous Fee Amount (if this is a new fee, please indicate that here)	N/A – new fee
Requested Implementation Date	May 2018
The Impact of the Fee (number	Variable – could be anywhere from 30-40 students/year

of students affected, etc.)	
Collected Centrally or by Department	By Department

Course Information (if fee is attached to a course)

Course Name(s)	WKEXP 801-804, WKEXP 901-906, KIN 492, KIN 493
Required Course(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The course/program is on or off campus	<input type="checkbox"/> On-Campus <input checked="" type="checkbox"/> Off-Campus
New or Existing Course(s)	Existing
New or Existing Program (include name)	Existing programs – Bachelor of Arts, Bachelor of Engineering, BA in Recreation, Sport and Tourism, Bachelor of Kinesiology, BSc in Kinesiology
Course Description(s)	

Details

Estimated Costs (Budget information may be included here or as an attachment)	See attached
Explanatory Notes	See attached

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar’s Advisory Committee on Fees and in what capacity)	-Registrar’s Office (preliminary discussion with T. Hidson) -Faculty of Arts (Vice-Dean, Associate Dean, Career Development Officer) – regarding application of MSISF to Arts Work Experience program -Faculty of Engineering (Associate Dean, Co-op Coordinator) – regarding application of MSISF to Engineering Co-op program -Faculty of Physical Education and Recreation (Associate Dean, Assistant Dean) – regarding application of MSISF to PER Practicum program
Student Group Consultative Route	-Dean of Student’s Advisory Council (see attached) -International Student Advisory Committee (see attached) -Council on Student Affairs (see attached) to be consulted on December 5, 2017.
Advisory Route (RACF) Include dates	November 28, 2017
Approval Route* (Governance) *The approval process is initiated in January for the next academic year	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC) Board of Governors (BG)
Final Approver	Board of Governors

Attachments (each to be numbered 1 - <>)

1. Explanatory Notes
2. Letter of Support from Faculty of Arts
3. Letter of Support from Faculty of Physical Education and Recreation
4. Course Descriptions for associated courses
5. Student Consultation

Proposed Mandatory Instructional Support Fee for Internships/Work Placements/Practicums Sourced by UAI

UAI has been collaboratively working with our constituent Faculties for many years to source international internship/work placements/practicums. Some of these have been facilitated through existing UAI offerings, like [e3](#), which are cost-recovery and help us to cover some of our operating costs by charging participants the e3 tuition fee for a WKEXP course (anywhere from \$1030 - \$1425 based on the location) . Other programs, like the [Berlin Initiative Internships](#), have provided students with assistance in their placement, including ongoing support from an employee in Berlin, at no additional cost other than the UAI application fee of \$250.

Clearly, there is a need to standardize fees if a student is in a placement that is being sourced by UAI. Specifically, this applies to placements in locations where UAI employs a local coordinator: Berlin (Germany), Curitiba (Brazil) and Washington, DC (USA). The current situation is not only unfair to participating students, but it is also confusing to explain and administer. By standardizing fees, UAI can charge students the same rate regardless of location or program offering. To address this, UAI is exploring the creation of a Mandatory Instructional Support Fee. This fee would cover the administrative costs for all areas of support. This includes:

- Conducting an initial interview with the student
- Resume review
- Contacting potential internship hosts/sourcing the placements
- Facilitating interviews
- Pre-departure preparation for the students (including general country advice and more specific things like differences in workplace etiquette and expectations
- Housing assistance
- Advice and assistance with visas and work permits
- Risk management monitoring while students are in-country (including any required liaison/updates to the Office of Emergency Management and the Risk Management Team in UAI)
- Site visits with both the intern and host

The MISF we would like to propose is \$500. We are proposing this based on feedback from our local coordinator in Berlin who has been involved with the majority of internship placements over the past two years. She calculated this based on the average of the number of hours spent with each individual intern before and during the placement multiplied by her hourly salary (25.50 Euros).

It is worth noting that UAI has recently changed our internal policies and will not charge the MISF until after a student has been matched with an appropriate placement. If UAI is not successful in finding a suitable placement, the student will not be charged.

The proposed fee of \$500 is comparable to others currently in place for international placements. For example, the Classics field schools in Greece and Italy have a variable MISF ranging from \$600-\$1050. EDFX 490 (International Field Experience in the Faculty of Education) charges a variable fee that ranges anywhere from \$0-\$2000. We recognize that \$500 may not cover all related costs in a given location (due to fluctuating rates of exchange, etc.), but it is also important for us to try to keep this affordable since cost is listed as one of the major barriers for any student considering an international opportunity. Based on feedback from both past participants, also on-campus student consultations, students recognize the amount of support UAI will be providing before and during the placement and feel this is good value for the cost.

1-17 Humanities Centre
Edmonton, Alberta, Canada T6G 2E5
Tel: 780.492.4295
Fax: 780.492.6325
www.arts.ualberta.ca

November 10, 2017

Trevor Buckle, Associate Director (Programs) Education Abroad
University of Alberta International

RE: Proposed Mandatory Instructional Support Fee (MISF) for Internships/Work
Placements/Practicums Sourced by UAI

Dear Trevor,

Thank you for giving the Faculty of Arts the opportunity to work with you in the development of your proposal for a new MISF for UAI sourced Internships, work placements and practicums.

The Faculty of Arts fully supports this proposal as it stands. It is clear that the comprehensive services that UAI provides to students both before and during work terms will be invaluable in helping them to have a successful, safe and well-supported experience abroad.

Although the Faculty of Arts recognizes that there will be an additional cost to students, we acknowledge the value in the services that UAI plans to provide. It also recognizes UAI's efforts to standardize this cost across its programs and that students will only be charged the MISF or application fee if a suitable placement is sourced and the student accepts the placement.

We are thankful to UAI for incorporating our suggestions in the final proposal, and for the careful consideration of the needs of various campus stakeholders. Again, the Faculty of Arts fully supports the proposed MISF.

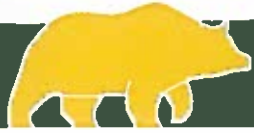
Please let me know if you require any further information.

Yours sincerely,



Allen Ball
Associate Dean, Teaching and Learning, Student Programs

cc: Michael O'Driscoll, Acting Vice Dean, Faculty of Arts



October 23, 2017

Trevor Buckle
Associate Director (Programs) Education Abroad
University of Alberta International

RE: Proposed Mandatory Instructional Fee (MISF) for Internships/Work
Placements/Practicums Sourced by UAI

Dear Trevor,

Thank you for sharing the proposal for a new MISF for UAI sourced Internships,
placements and practicums.

The Faculty of Physical Education and Recreation supports this proposal. The services
that UAI provides students before and while abroad can make the prospect of an
international study or work experience more appealing and less daunting.

While it is recognized this is an additional cost to students, the Faculty acknowledges the
value of UAI's services. It also recognizes UAI's efforts to standardize this cost across its
programs and that students will not be charged the MISF or application fee unless a
suitable placement is confirmed and the student accepts the placement. The Faculty
appreciates that the MISF is only charged on those programs where there is UAI
personnel or contacts directly involved.

It is evident that UAI has consulted with the broader University community about this
MISF and has put careful thought and consideration in bringing it forward for approval.
The Faculty of Physical Education and Recreation supports the proposed MISF.

Sincerely,

Christine Ma
Assistant Dean, International and Community Education

cc: Dr. Janice Causgrove Dunn, Associate Dean, Undergraduate Program

MSISF Proposal – UAI – Attachment 4: Course Descriptions

KIN 492 - Professional Practicum

★ 9 (*fi 18*) (variable, variable) A half-time unpaid Professional Practicum of 20 hours per week for 14 weeks, or the equivalent time. Students must arrange placements through the Practicum Supervisor/Instructor. A limited number of placements are available. Note: Students will not be allowed to register in more than *9 concurrently with KIN 492 unless approved by the Practicum Supervisor/Instructor. Note: Credit will be granted for only one of KIN 492 or PEDS 492.

KIN 493 - Professional Practicum

★ 15 (*fi 30*) (variable, variable) A full-time unpaid Professional Practicum of 35-40 hours per week for 14 weeks, or the equivalent time. Students must arrange placements through the Practicum Supervisor/Instructor. Note: Students will not be allowed to register in any other course concurrently with KIN 493 unless approved by the Practicum Supervisor/Instructor. Note: Credit will be granted for only one of KIN 493 or PEDS 493.

WKEXP 801 - Arts Work Experience I

★ 0 (*fi 9*) (either term, unassigned) A four-month work placement for Faculty of Arts students participating in the Cooperative Education route. The focus of the work experience will be for the student to gain an appreciation of the work environment related to their discipline. Prerequisite: consent of the Faculty.

WKEXP 802 - Arts Work Experience II

★ 0 (*fi 9*) (either term, unassigned) A four-month work placement for Faculty of Arts students participating in the Cooperative Education route. The focus of the work experience will be for the student to gain an appreciation of the work environment related to their discipline. Prerequisite: WKEXP 801 and consent of the Faculty.

WKEXP 803 - Arts Work Experience III

★ 0 (*fi 9*) (either term, unassigned) A four-month work placement for Faculty of Arts students participating in the Cooperative Education route. The focus of the work experience will be for the student to gain an appreciation of the work environment related to their discipline. Prerequisite: WKEXP 802 and consent of the Faculty.

WKEXP 804 - Arts Work Experience IV

★ 0 (*fi 9*) (either term, unassigned) A four-month work placement for Faculty of Arts students participating in the Cooperative Education route. The focus of the work experience will be for the student to gain an appreciation of the work environment related to their discipline. Prerequisite: WKEXP 803 and consent of the Faculty.

WKEXP 901 - Engineering Work Experience I

★ 0.5 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for Engineering students registered in the Cooperative Education Program. This work experience will provide the student with exposure to the practical application of engineering and the general work environment. Evaluation will be based on the employer's performance appraisal, the student's work term report, and the student's ability to learn from the experiences of the work term. Prerequisite: ENGG 299.

WKEXP 902 - Engineering Work Experience II

★ 0.5 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for Engineering students registered in the Cooperative Education Program. This work experience will provide the student with exposure to the practical application of engineering and the general work environment. Evaluation will be based on the employer's performance appraisal, the student's work term report, and the student's ability to learn from the experiences of the work term. Prerequisite: WKEXP 901.

WKEXP 903 - Engineering Work Experience III

★ 0.5 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for Engineering students registered in the Cooperative Education Program. This work experience will provide students with personal involvement in the practice of their engineering discipline commensurate with their level of academic preparation. Evaluation will be based on the employer's performance appraisal, the student's work term report, and the student's ability to learn from the experiences of the work term. Prerequisite: WKEXP 902.

WKEXP 904 - Engineering Work Experience IV

★ 0.5 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for Engineering students registered in the Cooperative Education Program. This work experience will provide students with personal involvement in the practice of their engineering discipline commensurate with their level of academic preparation. Evaluation will be based on the employer's performance appraisal, the student's work term report, and the student's ability to learn from the experiences of the work term. Prerequisite: WKEXP 903.

WKEXP 905 - Engineering Work Experience V

★ 3 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for Engineering students registered in the Cooperative Education Program. This work experience will provide students with personal involvement in the practice of their engineering discipline commensurate with their level of academic preparation. Evaluation will be based on the employer's performance appraisal, the student's work term report, and the student's ability to learn from the experiences of the work term. Prerequisite: WKEXP 904.

WKEXP 906 - Engineering Work Experience VI

★ 3 (*fi 7*) (either term or Spring/Summer, unassigned) A four-month work placement for students registered in the Biomedical Option in either Chemical, Materials, or Mechanical Engineering. This work

experience will provide students with personal involvement in the practice of the biomedical engineering discipline. The work experience plan requires the approval from the Department prior to registration. At the completion of the four-month work term, students are required to submit a formal research report which will be assessed for credit. Prerequisite: completion of Term 4 in the Biomedical Option.

University of Alberta International
142 Telus Centre
87 Avenue & 111 Street
Edmonton, Alberta, Canada T6G 2R3

Tel: 780.492.2692
Fax: 780.492.1488
info@international.ualberta.ca
www.international.ualberta.ca

Date: Wednesday, December 6, 2017

To: Lisa Collins and Angelene Lavers, Office of the Registrar

From: Trevor Buckle, University of Alberta International

Cc:

Re: Proposed MISF for International Internship Placements

As follow up to the RACF meeting on November 28, 2017, I wanted to provide an update on the student group consultations for UAI's proposed MISF for international internship placements. In total, I have consulted with four student groups:

- Dean's Advisory Council (chaired by the Dean of Students)
- International Student Advisory Committee
- Education Abroad Squad International (student volunteers who have taken part in a study abroad program)
- Council on Student Affairs

I should note that on at least two of the committees (DAC and COSA), representatives from both the Students' Union and the Graduate Students' Association were present. As expected, the prospect of a new fee for students was greeted with some hesitation, but after discussing the background information the general consensus was that the fee makes sense. The majority of students appreciated the fact that it would go towards vital support, and by being transparent about what the students would receive, they felt that this would give prospective interns enough information to decide if they would want to use our services or choose other options (like a Canadian placement).

If you have any questions about the specific discussions, I would be happy to elaborate on them. Many thanks for your assistance in reviewing this proposal.

Sincerely,
Trevor Buckle

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: November 28, 2017

Item No. <02>

Request for Approval for: MEC E 464

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE: When originally set up, MecE 464 was offered partially off-campus (NAIT). The course was set up with a Mandatory Instructional Support Fee (Lab Fee) of \$800-1300 which first appeared in the 2010-11 Calendar. One year later, in the 2011-12 Calendar, the course was changed to a Cost Recovery Course with a fee of \$1425. The historical rationale for this second change is unclear.

MecE 464 most recently offered in Spring/Summer of 2017 after not being offered for a number of years. The delivery of the course has changed since its inception. The NAIT facilities are no longer required as the course is now entirely on-campus with a different project focus. Given the lack of the NAIT component, the fee of \$1425 was deemed excessive, and it was requested to be reduced to \$900.

Given that the course is now offered entirely on campus, it is no longer appropriate to offer on a cost recovery basis and should be reverted back to a standard course with a Mandatory Instructional Support Fee, estimated to be \$400 per student (see attachment budget justification).

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	Department of Mechanical Engineering
Dean/Chair	John Doucette (Chair)
Primary Contact (Name, phone number, and e-mail)	Don Raboud, don.raboud@ualberta.ca, 780-492-2244
Secondary Contact (Name, phone number, and e-mail)	Jason Carey, 780-492-0501, jpcarey@ualberta.ca

Item

Purpose of Fee (what it is to be used for)	The fee will be to purchase the hardware required for groups of students to complete an assigned project. Student groups will keep the projects upon completion. (see attachment)
Proposed Amount	\$400 - \$600

Previous Fee Amount (if this is a new fee, please indicate that here)	\$900 – on a Cost Recovery Basis
Requested Implementation Date	2018-2019 Calendar
The Impact of the Fee (number of students affected, etc.)	We currently anticipate offering MecE 464 once per year, with a class size estimated to be 20 students. It is proving popular with students, so class size may be increased in the future. Fees would be revisited if that were to occur.
Collected Centrally or by Department	Centrally

Course Information (if fee is attached to a course)

Course Name(s)	Mec E 464 – Design for Manufacture
Required Course(s)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The course/program is on or off campus	<input checked="" type="checkbox"/> On-Campus <input type="checkbox"/> Off-Campus
New or Existing Course(s)	Existing Course
New or Existing Program (include name)	Existing Program: Mechanical Engineering
Course Description(s)	Design of machine components for ease of manufacture. Application of measurement, inspection, and reverse engineering techniques. Preparation of working drawings for manufacturing. Introduction to machining operations, including hands-on machine shop practice. Evaluation of design performance.

Details

Estimated Costs (Budget information may be included here or as an attachment)	Please see attached document
Explanatory Notes	Please see attached document

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar's Advisory Committee on Fees and in what capacity)	Assoc. Chair, Undergrad, Department of Mechanical Engineering Chair, Department of Mechanical Engineering Associate Dean, Programs and Planning, Faculty of Engineering Faculty APC (including student representation) – approved unanimously a motion of support Faculty Executive Coordinating Committee – approved unanimously a motion of support
Student Group Consultative Route	Student member of Mechanical Engineering Dept council Support of member of Engineering Student Society as part of Faculty APC
Advisory Route (RACF) Include dates	November 28, 2017
Approval Route* (Governance) *The approval process is initiated in January for the next academic year	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC) Board of Governors (BG)
Final Approver	Board of Governors

Attachments (each to be numbered 1 - <>)

1 – Mec E 464 Project Cost Justification

MEC E 464 – Mandatory Student Instructional Support Fee Justification

The project component of this course is estimated to be \$400 per student for project materials. The detailed estimate (shown below) of \$427.50 per student is based on the expected group composition of 4 students per group. Depending on enrollment numbers, a few groups may have 5 students. The cost per student based on 5 students per group would be somewhat lower (\$342 / student). \$400 per student is a reasonable compromise as most groups are expected to have 4 students.

Project details

MEC E 464 will have a core design project which will run through the course. For this project, the students will be expected to design-build and test a working integrated mechanical system such as a remote control buggy, or a 3D printer, or a Quadcopter. The students will work on the project in groups of 4 (or 5 in some cases). Depending upon the project, each group will be given the startup kit at the start of the course. The students will also have access to 3D printer, laser cutter, and a router for rapid prototyping. This will also require cost for 3D printing materials and prototyping material. However, the cost of those consumables will be borne by the Department. The proposed Mandatory Student Instructional Support Fee of \$400 is to cover the cost of purchasing the project kit and related materials as detailed below.

The example project used for costing purpose is a Quadcopter. The project kit will comprise the Quadcopter electrical and mechanical components (as well as raw material needed to carry out the project). Each group, expected to consist of 4 students, will be assigned a kit of commercial off-the shelf components consisting of electronic/mechanical hardware components (along with a time allowance to access the manufacturing services such as 3D printing, laser cutting, water jetting, and 3D scanning). The initial hardware costs for the project are expected to be around \$1710 CAD per group (Table 1). This translates into \$427.50 CAD per person, based on 4 students per group. At the end of the course the students will be able to keep their design projects.

Table 1 Expected costs for the Project

No.	Description	Cost per group	Per person cost
1	Quadcopter UAS frame	\$388 CAD	\$97.00
2	Quadcopter Motors, ESC, and power electronics	\$180 CAD	\$45.00
3	Quadcopter Batteries	\$260 CAD	\$65.00
4	9 Channel radio receiver	\$182 CAD	\$45.50
5	9 Channel radio transmitter	\$500 CAD	\$125.00
4	Safety Net	\$200 CAD	\$50.00
Total		\$1710 CAD	\$427.50

Attachment 2

Proposals for Changes to Existing Mandatory Student Instructional Support Fees

Course	Implementation	Current Fee	Proposed Fee	Page Number
GEOPH 436	September 1, 2018	\$200 - \$600	\$200 - \$1400	33

Mandatory fees assessed in anticipation of costs for supplies, equipment, materials, or services which are not directly related to the delivery of instruction in a course or program, but are considered required elements of a course or program. Examples include but are not limited to the costs of food, lodging, and transportation for required field trips; supply of certain specialized professional tools which the student will retain; and fees for arranging professional placements such as practica, internships, and work experience. All mandatory instructional support fees require the approval of the Board of Governors.

Definition is taken from UAPPOL Student Instructional Support Fee Definition of Mandatory Instructional Support Fee.

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: September 26, 2017

Item No. <05>

Request for Approval for: GEOPH 436

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other**

OUTLINE OF ISSUE: Field School fees have remained at \$500 since 2008/9. With the significant reduction on corporate support and the ever increasing cost of providing the field school experience we would like to increase the fee range for the 2018/19 Calendar and begin to charge higher fees, starting with \$600 in September 2018.

Proposer

Faculty/Department	Physics
Dean/Chair	Mauricio Sacchi
Primary Contact (Name, phone number, and e-mail)	Vadim Kravchinsky, 780-492-5591, vadim@ualberta.ca
Secondary Contact (Name, phone number, and e-mail)	Roger Moore, 780-492-4170, rwmoores@ualberta.ca

Item

Purpose of Fee (what it is to be used for)	Cost recovery of field school expenses
Proposed Amount	\$200 -\$1400
Previous Fee Amount (if this is a new fee, please indicate that here)	\$200—600
Requested Implementation Date	September 2018
The Impact of the Fee (number of students affected, etc.)	5 year enrollment trend is: 2017 Fall GEOPH 436 13 students registered 2016 Fall GEOPH 436 15 students registered 2015 Fall GEOPH 436 22 students registered 2014 Fall GEOPH 436 24 students registered 2013 Fall GEOPH 436 27 students registered
Collected Centrally or by Department	Collected by department.

Course Information (if fee is attached to a course)

Course Name(s)	GEOPH 436
Required Course(s)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The course/program is on or off campus	<input type="checkbox"/> On-Campus <input checked="" type="checkbox"/> Off-Campus
New or Existing Course(s)	Existing course
New or Existing Program (include name)	BSc Specialization or Honours Geophysics
Course Description(s)	<p>★ 3 (fi 6) (first term, 10 days) Students conduct a wide variety of geophysical measurements in a field situation. The field school is run immediately prior to the fall term. Requires payment of additional student instructional support fees. Refer to the Fees Payment Guide in the University Regulations and Information for Students section of the Calendar. Prerequisites: GEOPH 325 and 326, or consent of instructor. Intended for students in a Specialization or Honours Geophysics program. Students in other programs should contact the Department of Physics for permission. Note: this course is graded on a credit/no credit basis.</p>

Details

Estimated Costs (Budget information may be included here or as an attachment)	<p>Current operational total costs of field school are estimated at \$45,000 to \$50,000 ; this excludes equipment replacement which totaled an additional \$88,546 in 2016/2017.</p> <p>Field School 2017 Budget (13 registrants) Field School Assistants: \$18,000 Supplies and Services: \$15,000 Food: \$8,000 Pre-Field School Travel: \$500 Maintenance & Repair: \$1,500 Vehicle & Equipment rental: \$6,000 Operating Total: \$49,000.</p>
Explanatory Notes	In 2016 a corporate sponsor reduced their sponsorship commitment by 50% due to current fiscal environment in oilfield industry. The current depressed business environment in the oil and gas industry threatens corporate sponsorship of this activity.

Routing (For Mandatory Student Instructional Support Fees and Non-Instructional Fees)

Consultative Route (parties who have seen the proposal prior to Registrar's Advisory Committee on Fees and in what capacity)	Course instructor, Physics Dept. Associate Chair (Undergrad), Physics Undergraduate Curriculum Committee, Physics Dept. Chair, Dept. Council, Faculty of Science Council
Student Group Consultative Route	There has been student consultation through student representatives on Physics Department Council as per our governance model.
Advisory Route (RACF) Include dates	September 26, 2017
Approval Route* (Governance) *The approval process is	GFC Academic Planning Committee (APC) Board Finance and Property Committee (BFPC)

initiated in January for the next academic year	Board of Governors (BG)
Final Approver	Board of Governors

Attachments (each to be numbered 1 - <>)



Attachment 3

Proposal for Deletion of Mandatory Student Instructional Support Fee

Course	Implementation	Proposed Fee	Page Number
HECOL 453	May 1, 2018	\$0	37
REN R 782	May 1, 2018	\$0	38
SOILS 520	May 1, 2018	\$0	38
FOR 372	May 1, 2018	\$0	38

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: September 26, 2017

Item No. <07>

Request for Approval for: HECOL 453

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee – Removal of Fee
- Alternate Delivery Fee
- Cost Recovery Fee / Revenue Generation
-

OUTLINE OF ISSUE: This courses, for which a fee of \$120 for textile design supplies is listed, should be removed from the Registrar's list as the course is no longer offered by the Department of Human Ecology.

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	ALES/Human Ecology
Dean/Chair	Blade/Williamson
Primary Contact (Name, phone number, and e-mail)	Lori Moran – Assistant Chair lmoran@ualberta.ca 780/492-8971

Registrar's Advisory Committee on Fees (RACF)

For the meeting of: September 26, 2017

Item No. <08>

Purpose: Course Fees no longer applicable

Fee Type (see end of form for definitions)*:

- Mandatory Student Instructional Support Fee**
- Alternate Delivery Fee**
- Cost Recovery Fee / Revenue Generation**
- Other – Fee Removal**

OUTLINE OF ISSUE:

RENr 782: In the past this course has had a \$45 Field Trip Fee attached to it. There are no field trips associated with this course under the new instructor. Therefore, it needs to be removed from the Mandatory Student Instructional Fee Schedule in both Calendar and Registrar's Office website.

SOILS 520: This course no longer exists therefore it can be removed from the Mandatory Student Instructional Fee Schedule in both the Calendar and Registrar's Office website. The fee collected was for a \$300 Field Trip.

FOR 372: This course no longer exists therefore it can be removed from the Mandatory Student Instructional Fee Schedule in both the Calendar and Registrar's Office website. The fee collected was for a \$80 Field Trip.

Put N/A in any boxes that do not apply

Proposer

Faculty/Department	Department of Renewable Resources/ Faculty ALES
Dean/Chair	Ellen Macdonald
Primary Contact (Name, phone number, and e-mail)	John Acorn (Associate Chair Undergrad) (780) 492-7202 John.acorn@ualberta.ca
Secondary Contact (Name, phone number, and e-mail)	Sarah Gooding Assistant Chair (Research/Academic Initiatives 780-492-8313 Sarah.gooding@ualberta.ca

OUTLINE OF ISSUE
Action Item

Agenda Title: **Presentation of the University of Alberta’s Comprehensive Institutional Plan (CIP) (2018-2021): Budget and Capital Plan**

Item

Action Requested	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Recommendation
Proposed by	President and Vice-Chancellor, David Turpin; Provost and Vice-President (Academic) Steven Dew; Vice-President (University Relations) Jacqui Tam; Vice-President (Finance and Administration) Gitta Kulczycki; Vice-President (Facilities and Operations) Andrew Sharman; Vice-President (Advancement) Heather McCaw; and Interim Vice-President (Research) Walter Dixon
Presenter	Provost and Vice-President (Academic) Steven Dew; Vice-President (Finance and Administration) Gitta Kulczycki; Vice-President (Facilities and Operations) Andrew Sharman

Responsibility	President and Vice-Chancellor, David Turpin
The Purpose of the Proposal is (please be specific)	<p>Following from the February 9th, 2018 briefing to members of APC and the Board of Governors on the budget and capital plan, and the questions that arose therein, the Provost will provide more information to the members of APC about the Planning Guidelines that the University has used for the new multi-year accountability planning processes and budgets, the process that’s been undertaken for engaging with the Faculties on this planning, and the use of strategic funding in the 2017-18 budget year for initiatives under <i>For the Public Good</i>.</p> <p>Because of the integrated nature of the proposals, the proposers have grouped the motions into a single presentation to APC.</p> <p>At the end of today’s presentation, members will be asked to recommend to the Board of Governors motions on tuition (general and international), the consolidated budget and capital plan.</p> <p>Detailed outlines of issue on the tuition proposals, and the budget and capital plan are included, along with supporting material.</p>

OUTLINE OF ISSUE
Action Item

Agenda Title: **University of Alberta 2018-19 Tuition Fee Proposal**

Motion 1: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve that tuition governed by the tuition fee regulation for 2018-19 be set at the 2014-15 rates, as directed by the Government of Alberta.

Motion 2: THAT the GFC Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve an increase of 3.14% to international tuition fees for 2018-19, as illustrated in the table below:

Undergraduate ^a	2017-18 ^d	2018-19	Change ^e	
			\$	%
Arts and Science	\$21,009.60	\$21,668.40	\$658.80	3.14%
Business	\$27,636.32	\$28,503.12	\$866.80	3.14%
Engineering	\$25,211.52	\$26,002.08	\$790.56	3.14%
Juris Doctor (JD) Program	\$45,573.48	\$47,003.48	\$1,430.00	3.14%
Pharmacy (BSc (Pharm))	\$39,431.68	\$40,666.88	\$1,235.20	3.13%
Economics Course	\$2,680.62	\$2,764.70	\$84.08	3.14%
Graduate ^a	2017-18 ^d	2018-19	Change ^e	
			\$	%
Course Based Master's	\$8,181.36	\$8,437.68	\$256.32	3.13%
Thesis 919 ^b	\$5,104.84	\$5,265.08	\$160.24	3.14%
Thesis Based Masters /PhD ^c	\$7,057.80	\$7,279.32	\$221.52	3.14%
Master's in Business Administration	\$16,017.84	\$16,519.68	\$501.84	3.13%
Integrated Petroleum Geosciences Course	\$2,924.12	\$3,015.86	\$91.74	3.14%
International Graduate Tuition Increase ^{f, g}	\$4,000.00	\$4,000.00	\$ -	0.00%

Notes:

- (a) Values are based on full-time per term and full-time per year unless otherwise stated.
- (b) Tuition applies to thesis students who were admitted to the program of study prior to Fall 2011 and are assessed the reduced thesis rate.
- (c) Tuition applies to thesis students who were admitted to the program of study beginning in Fall 2011 or later; this is based on an annual fee assessment (including spring/summer).
- (d) As approved by the Board of Governors, December 16, 2016.
- (e) Figures may be rounded downwards at fee index level for administrative purposes, thus lowering the effective year over year percentage increase below 3.14 percent.
- (f) Per year for full time student, excluding Cost recovery and graduate course based Physical Therapy, Occupational Therapy, and Speech master's programs in Faculty of Rehabilitation Medicine.
- (g) \$4000 will be cost-neutral and offset by an equal amount of financial support.

Item

Action Requested	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Recommendation
Proposed by	Provost and Vice-President (Academic) Vice-President (Finance and Administration)
Presenter	Steven Dew, Provost and Vice-President (Academic) Gitta Kulczycki, Vice-President (Finance and Administration)

Details

Responsibility	Provost and Vice-President (Academic) Vice-President (Finance and Administration)
The Purpose of the Proposal is (please be specific)	To approve that the domestic tuition fees for 2018-19 be set at the amounts directed by the Government of Alberta, as well as to set international tuition fees for the same year.
The Impact of the Proposal is	To comply with the directive as announced by the Government of Alberta in November, 2017, as well as to implement an increase to international tuition that is consistent with the University of Alberta's principle that revenues should increase at a rate commensurate with actual costs to avoid degradation of quality.
Replaces/Revises (eg, policies, resolutions)	Tuition and fees previously approved by the Board of Governors.
Timeline/Implementation Date	Effective September 1, 2018.
Estimated Cost and funding source	n/a
Next Steps (ie.: Communications Plan, Implementation plans)	n/a
Supplementary Notes and context	For 2018-2019, Alberta's Ministry of Advanced Education announced an extension of a freeze to regulated tuition. The regulation does not apply to international differential fees or surcharges assessed to individuals who are not Canadian citizens or permanent residents of Canada.

Engagement and Routing (Include meeting dates)

Participation: (parties who have seen the proposal and in what capacity) <For further information see the link posted on the Governance Toolkit section Student Participation Protocol >	<u>Those who have been informed:</u> <ul style="list-style-type: none"> • Deans Council (February 7, 2018) • Students' Union and Graduate Students' Association Executive members • Graduate Student's Association Council (January 22, 2018)
	<u>Those who have been consulted:</u> <ul style="list-style-type: none"> • Tuition Budget Advisory Committee (January 15 and January 25, 2018) • President's Executive Committee – Operational (Feb 8, 2018)
	<u>Those who are actively participating:</u> <ul style="list-style-type: none"> •
Approval Route (Governance) (including meeting dates)	GFC Academic Planning Committee – February 14, 2018 (recommendation) Board Finance and Property Committee (recommendation) – February 27, 2018 Board of Governors (approval) – March 16, 2018
Final Approver	Board of Governors

Alignment/Compliance

<p>Alignment with Guiding Documents</p>	<p><i>For the Public Good</i> Sustain our people, our work, and the environment by attracting and stewarding the resources we need to deliver excellence to the benefit of all Albertans.</p> <p>22. OBJECTIVE: Secure and steward financial resources to sustain, enhance, promote, and facilitate the university's core mission and strategic goals.</p> <p>i. Strategy: Seek and secure resources needed to achieve and support our strategic goals.</p> <p>ii. Strategy: Ensure a sustainable budget model to preserve and enhance our core mission and reputation for excellence in teaching, learning, research, and community engagement.</p>
<p>Compliance with Legislation, Policy and/or Procedure Relevant to the Proposal (please <u>quote</u> legislation and include identifying section numbers)</p>	<p>1. <i>Post-Secondary Learning Act (PSLA)</i>, Sections 61(1) and 61(2)(a):</p> <p>“61(1) The board of a public post-secondary institution shall set the tuition fees to be paid by students of the public post-secondary institution.</p> <p>61(2) The tuition fees under subsection (1) for all public post-secondary institutions other than Banff Centre (a) must be set in accordance with the regulations[.] [...]”</p> <p>2. <i>PSLA - (Section 26(1)(o))</i> states:</p> <p>“Powers of general faculties council</p> <p>26(1) Subject to the authority of the board, a general faculties council is responsible for the academic affairs of the university and, without restricting the generality of the foregoing, has the authority to</p> <p>(o) make recommendations to the board with respect to affiliation with other institutions, academic planning, campus planning, a building program, the budget, the regulation of residences and dining halls, procedures in respect of appointments, promotions, salaries, tenure and dismissals, and any other matters considered by the general faculties council to be of interest to the university [...].”</p> <p>On the line-by-line <u>budget</u>, including consideration of matters related to tuition, GFC has delegated this responsibility to its senior standing committee, the GFC Academic Planning Committee (APC), as noted in the following.</p> <p>3. <i>GFC Academic Planning Committee (APC) Terms of Reference (Mandate-Section 3.4(b)):</i></p> <p>“APC is responsible for making recommendations to GFC and/or to the Board of Governors concerning policy matters and action matters with respect to the following: [. . .]</p> <p>4. <i>Budget Matters</i></p> <p>To recommend to the Board of Governors on the annual budget, excluding budgets for ancillary units. [...] ”</p> <p>4. <i>Board Finance and Property (BFPC) Terms of Reference (Section 3(d)):</i></p>

Item No. 5A

	“3. Without limiting the generality of the foregoing, the Committee shall: [...] d) review and recommend to the Board tuition and other like fees[.]”	
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Attachments:

1. Attachment 1 (pages 1 -3): University of Alberta Tuition Proposal, 2018-19
2. Attachment 2 (1 page): U15 International Tuition Comparators, 2017-18

Prepared by: Giovana Bianchi, Senior Administrative Officer, Finance and Administration,
giovana.bianchi@ualberta.ca



Tuition Proposal 2018-19

TUITION POLICY

The provincial *Public Post-Secondary Institutions' Tuition Fees Regulation* does not apply to international differential fees or surcharges assessed to individuals who are not Canadian citizens or permanent residents of Canada.

THE BUDGET CONTEXT

Tuition fee revenue is integral to the university's continued vitality and success. It is the second largest source of unrestricted operating funds and represents approximately 30 percent of total operating revenues.

In June 2015, Alberta Advanced Education announced a two-year tuition freeze and the rollback of market modifiers approved in December 2014. In October 2016, Alberta Advanced Education extended this regulated tuition freeze by an additional year, and a similar announcement was made in November 2017, extending the freeze to the 2018-19 academic year. The freeze will also continue for market modifiers and mandatory non-instructional fees, but as in prior years, it does not apply to international tuition. We are awaiting details on potential grant backfill for domestic tuition.

The University of Alberta continues to face significant budget challenges, balancing limited growth in operating funding against rising investment costs for teaching and research. In addition, the university has faced multiple years in which the rate of increase in its operating expenditures has outpaced the rate of increase in its unrestricted revenues, creating a structural deficit in the operating fund.

The financial challenges facing the university are significant given the budget assumptions of no revenue growth in its primary sources of operating funding, coupled with ongoing cost pressures. Important steps are being taken to address these challenges and position the institution on a sound financial footing, including budget reductions of 4.0 per cent that will be implemented for 2018-2019, along with projected budget reductions of 2.5 per cent in each of the following two years. Nevertheless, the University of Alberta must continue to seek and maximize multiple revenue sources in supporting its core mission.

TUITION PROPOSAL

It is recommended that, effective September 1, 2018:

All international tuition fees increase by 3.14 percent, with the exception of the International Graduate Tuition increase implemented in 2017-18, which will remain unchanged.

This is consistent with the University of Alberta's principle that revenues should increase at a rate commensurate with actual costs to avoid degradation of quality. Details of the proposal are outlined below.

International Fees:

Undergraduate ^a	2017-18 ^d	2018-10	Change ^e	
			\$	%
Arts and Science	\$21,009.60	\$21,668.40	\$658.80	3.14%
Business	\$27,636.32	\$28,503.12	\$866.80	3.14%
Engineering	\$25,211.52	\$26,002.08	\$790.56	3.14%
Juris Doctor (JD) Program	\$45,573.48	\$47,003.48	\$1,430.00	3.14%
Pharmacy (BSc (Pharm))	\$39,431.68	\$40,666.88	\$1,235.20	3.13%
Economics Course	\$2,680.62	\$2,764.70	\$84.08	3.14%
Graduate ^a	2017-18 ^d	2018-19	Change ^e	
			\$	%
Course Based Master's	\$8,181.36	\$8,437.68	\$256.32	3.13%
Thesis 919 ^b	\$5,104.84	\$5,265.08	\$160.24	3.14%
Thesis Based Masters /PhD ^c	\$7,057.80	\$7,279.32	\$221.52	3.14%
Master's in Business Administration	\$16,017.84	\$16,519.68	\$501.84	3.13%
Integrated Petroleum Geosciences Course	\$2,924.12	\$3,015.86	\$91.74	3.14%
International Graduate Tuition Increase ^{f, g}	\$4,000.00	\$4,000.00	\$ -	0.00%

Notes:

- (a) Values are based on full-time per term and full-time per year unless otherwise stated.
- (b) Tuition applies to thesis students who were admitted to the program of study prior to Fall 2011 and are assessed the reduced thesis rate.
- (c) Tuition applies to thesis students who were admitted to the program of study beginning in Fall 2011 or later; this is based on an annual fee assessment (including spring/summer).
- (d) As approved by the Board of Governors, December 16, 2016.
- (e) Figures may be rounded downwards at fee index level for administrative purposes, thus lowering the effective year over year percentage increase below 3.14 percent.
- (f) Per year for full time student, excluding Cost recovery and graduate course based Physical Therapy, Occupational Therapy, and Speech master's programs in Faculty of Rehabilitation Medicine.
- (g) \$4000 will be cost-neutral and offset by an equal amount of financial support.

International	Undergrad (Arts & Social Science)		M. A.		PhD	
	\$	Rank	\$		\$	Rank
University of Alberta	\$21,010	8	\$7,058	13	\$7,058	13
Dalhousie University	\$16,650	11	\$17,085	7	\$18,560	3
McGill University	\$17,331	10	\$16,373	8	\$14,697	8
McMaster University	\$25,905	7	\$17,096	6	\$17,096	6
Queen's University	\$37,490	2	\$12,927	9	\$12,927	9
Université Laval	\$16,373	12	\$19,501	3	\$17,507	5
University of British Columbia	\$34,847	3	\$8,436	12	\$8,436	12
University of Calgary	\$18,338	9	\$12,696	10	\$12,696	10
University of Manitoba	\$13,517	14	\$10,240	11	\$10,240	11
University of Ottawa	\$27,343	4	\$19,260	4	\$16,334	7
University of Saskatchewan	\$15,584	13	\$5,909	14	\$5,909	14
University of Toronto	\$45,690	1	\$21,560	1	\$21,560	1
University of Waterloo	\$26,940	5	\$19,914	2	\$19,716	2
Western University	\$26,614	6	\$17,694	5	\$17,694	4
AVERAGE	\$24,545		\$14,696		\$14,316	
AVERAGE w/out U of A	\$24,817		\$15,284		\$14,875	

Source: U15 Data Exchange

- International undergraduate tuition at the U of A is below the U15 average.
- At the masters and PhD level, U of A is approximately 50% of the national average.
- An increase of 3.14% will still leave UofA's international tuition far below the U15 average.
- If the Quebec institutions are excluded U of A's undergraduate tuition is higher than only four institutions: U of C, Dalhousie, Manitoba and Saskatchewan.
- There are only 14 universities listed because Université de Montréal did not submit their data.

OUTLINE OF ISSUE
Action Item

Agenda Title: **University of Alberta's Comprehensive Institutional Plan (CIP) (2018-2021): Budget and Capital Plan**

Motion: That the Academic Planning Committee, with delegated authority from General Faculties Council, recommend that the Board of Governors approve the 2018-19 Consolidated Budget as set forth in Tables 1 and 2 of Attachment 1, and the 2018-2019 Capital Plan, as set forth in Attachment 2.

Item

Action Requested	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Recommendation
Proposed by	President and Vice-Chancellor, David Turpin; Provost and Vice-President (Academic) Steven Dew; Vice-President (University Relations) Jacqui Tam; Vice-President (Finance and Administration) Gitta Kulczycki; Vice-President (Facilities and Operations) Andrew Sharman
Presenter	Provost and Vice-President (Academic) Steven Dew; Vice-President (Finance and Administration) Gitta Kulczycki; Vice-President (Facilities and Operations) Andrew Sharman

Details

Responsibility	President and Vice-Chancellor, David Turpin
The Purpose of the Proposal is (please be specific)	Under guidelines from Advanced Education, the University of Alberta is preparing the Comprehensive Institutional Plan (CIP) that incorporates the university's enrolment plan, research plan, capital plan, and budgets into one comprehensive document. The format and contents of the CIP are specified by Advanced Education guidelines. This item presents the Budget and Capital Plan components of the CIP for approval. The remainder of the document will be submitted for approval through a subsequent governance cycle.
The Impact of the Proposal is	The university's budget and capital plan are required to be approved before the start of the next fiscal year (April 1, 2018).
Replaces/Revises (eg, policies, resolutions)	N/A
Timeline/Implementation Date	2018-2021
Estimated Cost and funding source	N/A
Next Steps (ie.: Communications Plan, Implementation plans)	The budget and capital plan require approval of the Board of Governors and will be submitted to the Minister of Advanced Education as a component of the university's CIP.
Supplementary Notes and context	

Engagement and Routing (Include meeting dates)

Participation: (parties who have seen the	<u><i>Those who have been informed:</i></u> <ul style="list-style-type: none"> ● Deans' Council ● General Faculties Council (including APC, GFC Exec)
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<p>proposal and in what capacity)</p> <p><For further information see the link posted on the Governance Toolkit section Student Participation Protocol></p>	<ul style="list-style-type: none"> ● Board Learning and Discovery Committee <hr/> <p><i>Those who have been consulted:</i></p> <ul style="list-style-type: none"> ● President’s Executive Committee (review of draft), January 25, 2018. ● Joint BFPC/Board of Governors/GFC- APC- CIP Briefing – February 9, 2018 <hr/> <p><i>Those who are actively participating:</i></p> <ul style="list-style-type: none"> ● CIP Working Group, including the following representation: <ul style="list-style-type: none"> ○ Office of the President ○ Office of the Provost and Vice-President (Academic) ○ Office of the Vice-President (Research) ○ Office of the Vice-President (Facilities and Operations) ○ Office of the Vice-President (Finance and Administration) ○ Office of the Vice-President (University Relations) ○ Strategic Analysis and Data Warehousing ○ Office of Government and Stakeholder Relations
<p>Approval Route (Governance) (including meeting dates)</p>	<p>GFC Academic Planning Committee – February 14, 2018 Board Finance and Property Committee – February 27, 2018 Board of Governors - March 16, 2018</p>
<p>Final Approver</p>	<p>Board of Governors</p>

Alignment/Compliance

<p>Alignment with Guiding Documents</p>	<p>The CIP is written in support of the University’s strategic plan, <i>For the Public Good</i>.</p>
<p>Compliance with Legislation, Policy and/or Procedure Relevant to the Proposal (please <u>quote</u> legislation and include identifying section numbers)</p>	<ol style="list-style-type: none"> 1. Post-Secondary Learning Act (PSLA) Section 26(1) states: <p>“Subject to the authority of the board, a general faculties council is responsible for the academic affairs of the university and, without restricting the generality of the foregoing has the authority to [...] (o) make recommendations to the board with respect to affiliation with other institutions, academic planning, campus planning, a building program, the budget [...] and any other matters considered by the general faculties council to be of interest to the university[.] [...]”</p> 2. Post-Secondary Learning Act (PSLA) Section 78 states: <p>“Business plans</p> <p>78(1) Each year a board must prepare and approve a business plan that includes</p> <ol style="list-style-type: none"> (a) the budget, and (b) any other information required by the Minister. <p>(2) The business plan approved under subsection (1) must be submitted to the Minister on or before the date specified by the Minister.</p> <p>[...]</p> <p>Access plan</p>

Item No. 5B

	<p>78.1 Each year a board must prepare an access plan in accordance with the regulations and submit it to the Minister on or before the date specified by the Minister.”</p> <p>3. Post-Secondary Learning Act (PSLA) Section 80 states: “The board must submit to the Minister any reports or other information required by the Minister.”</p> <p>4. GFC Academic Planning Committee Terms of Reference/3. Mandate of the Committee: “The Academic Planning Committee (APC) is GFC's senior committee dealing with academic, financial and planning issues. [...]</p> <p>APC is responsible for making recommendations to GFC and/or to the Board of Governors concerning policy matters and action matters with respect to the following:</p> <p>1. Planning and Priorities: To recommend to GFC and/or the Board of Governors on planning and priorities with respect to the University's longer term academic, financial, and facilities development.</p> <p>[...]</p> <p>4. Budget Matters [...] b. To recommend to the Board of Governors on the annual budget, excluding budgets for ancillary units.”</p> <p>5. Board Finance and Property (BFPC) Terms of Reference (Section 3(d)): “3. Without limiting the generality of the foregoing, the Committee shall: [...] d) review and recommend to the Board tuition and other like fees[.]”</p>
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Attachments (each to be numbered 1 - <>)

1. Comprehensive Institutional Plan – Budget Synopsis (4 pages)
2. Comprehensive Institutional Plan – Capital Plan Synopsis (5 pages)

Prepared by: Kathleen Brough, Senior Administrative Officer, Office of the Provost and Vice-President (Academic); Giovana Bianchi, Office of the Vice-President (Finance and Administration); and Gordon Weighell, Office of the Vice-President (Facilities and Operations).

Synopsis: Budget

The University of Alberta's consolidated budget lays out a financial plan for the coming fiscal year and projects forward, for two years, the allocation of the university's resources in support of its strategic plan, *For the Public Good*. Through the implementation of its strategic plan, the university is contributing to the achievement of the government priorities of accessibility, affordability, quality, coordination, and accountability.

The U of A's consolidated budget (see Table 1) reflects the entire enterprise, including unrestricted and restricted funds. The 2018-19 consolidated budget, developed subject to public sector accounting standards, reflects an excess of revenue over expense of \$14.4 million on budgeted revenue of \$1,958.5 million and budgeted expense of \$1,944.1 million. Under legislation, the university is required to present to government, a positive consolidated position.

Consolidated Revenue

Key highlights of the university's 2018-19 revenue assumptions include:

- 0.0 per cent change to the Campus Alberta grant
- Maintaining domestic general tuition and MNIFs at 2014-15 levels (due to government tuition and MNIF freeze)
- Increasing international student tuition fees at a rate approximating university cost increases at 3.14 per cent
- No tuition or MNIF backfill funding
- A decline in federal and other government funding from 2017-18
- Modest growth in ancillary operations
- More cautious projections of short-term investment income within the operating budget (\$17 million)
- Stable capital funding
- No Lights on Funding for the Research and Collections Resource Facility

Consolidated Expense

Key highlights of the university's 2018-19 expenditure assumptions include:

- Academic staff compensation and terms and conditions to be negotiated
- Support staff salary wage re-opener to be negotiated
- Benefit cost increases of 4.0 per cent
- All faculties and administrative units continue to assume responsibility for the funding of negotiated salary ATB and merit (NASA/AASUA merit average 1.1 per cent)
- Third party contractual obligations increasing between 0.8 to 5.8 per cent
- Impact of carbon levy of \$1.5 million
- Impact of minimum wage increase in contractual obligations of \$0.55 million
- Accommodating \$14.1 million in incremental cost pressures in spending plans
- 4.0 per cent budget reduction across faculties and administrative units

Operating Fund

The operating fund (see the first column on Table 2) is used to support the primary teaching and learning activities of the university. It is also within the operating fund that strategic investments are made to advance *For the Public Good* and its five strategic goals of Build, Experience, Excel, Engage and Sustain. That said, given the revenue picture, any such investments are necessarily limited in 2018-19. For 2018-19, the operating fund reflects an excess of expense

over revenue of \$2.7 million on budgeted revenue of \$1,140 million and budgeted expense of \$1,142.7 million.

The operating fund for 2018-19 and the following two-year projections have been prepared based on three fundamental assumptions. First, that there will be no change to the Campus Alberta grant over the three-year period. Second, that there will be no increase in regulated tuition or Mandatory Non-Instructional Fees (MNIFs) over the planning period. Third, that there is no increase in the grant for tuition backfill funding. Given the provincial government's current fiscal situation, the university believes that it is prudent to take a conservative approach in budgeting its major sources of operating revenue.

As reported in previous budget documents, the university has faced multiple years in which the rate of increase in its operating expenditures has outpaced the rate of increase in its unrestricted revenues, creating a structural deficit in the operating fund.

At the same time, the university continues to be faced with annual cost pressures including a 3.1 per cent increase due to the carbon levy, a 2.7 per cent increase due to minimum wage, benefit cost increases of 4.0 per cent, third party software licences and maintenance contracts of 5.8 per cent and facilities and operations contracts of 0.8 per cent (not including minimum wage). In addition, the university has made the explicit decision to begin reducing its reliance on investment income to fund ongoing base expenditures given the significant fluctuations that can occur in market returns.

With the assumptions of no increase in the Campus Alberta grant, the ongoing tuition freeze, the impact of cost pressures, the need to eliminate the structural deficit and the desire to reduce reliance on short-term investment income, budget reductions of 4.0 per cent will be implemented for 2018-19, along with projected budget reductions of 2.5 per cent in each of the following two years. It is important to note that these budget reductions are over-and-above the impact to each Faculty and administrative unit in funding the cost of any negotiated Across the Board (ATB) salary increases and merit. Commencing in 2019-20, each faculty and administrative unit will also be required to fund incremental benefit cost increases.

The financial challenges facing the university are significant given the budget assumptions of no revenue growth in its primary sources of operating funding, coupled with ongoing cost pressures. Important steps are being taken to address these challenges and position the university on a sound financial footing. These steps include the introduction of the university's new budget application, uPlan, the adoption of multi-year accountability plans and budgets, a plan to resolve the structural deficit and the ongoing development of a new budget model. These strategies and others will enable the university to maximize the use of its resources, establish a sound financial footing, and invest in its strategic plan – *For the Public Good*.

Table 1
2018-19 Consolidated Budget

	2017-18		Budget 2018-19	Projections	
	Budget	Forecast		2019-20	2020-21
Revenue					
Provincial government	980,958	1,010,183	1,021,681	992,360	1,005,563
Federal and other government	216,832	208,906	190,510	193,677	200,528
Tuition and related fees	329,954	334,031	341,218	346,952	348,992
Sales of services and products	206,144	208,820	218,863	226,413	229,994
Grants and donations	116,988	131,814	115,244	118,427	122,333
Investment income	68,197	65,500	70,984	73,783	73,092
Total revenue	1,919,071	1,959,255	1,958,499	1,951,612	1,980,502
Expense					
Salaries	962,801	964,887	992,918	968,023	971,001
Employee benefits	182,605	186,995	193,909	192,724	205,550
Materials, supplies, and services	311,281	297,860	310,552	308,645	315,045
Utilities	54,800	53,364	55,904	57,004	57,971
Maintenance	123,490	154,247	92,566	88,730	94,873
Scholarships and bursaries	89,160	110,201	116,417	121,910	126,540
Amortization of capital assets	178,519	177,529	181,878	189,510	191,348
Total expense	1,902,655	1,945,083	1,944,144	1,926,547	1,962,327
Excess (Deficiency)	16,416	14,172	14,355	25,066	18,175
Investments in Capital Assets	(54,395)	(32,760)	(29,303)	3,010	6,906
Net Transfers	-	(1,660)	(1,202)	(1,214)	(1,227)
Unrestricted Net Assets, Beginning	(34,173)	(16,063)	(36,311)	(52,461)	(25,600)
Unrestricted Net Assets, End of Year	(72,152)	(36,311)	(52,461)	(25,600)	(1,745)

Table 2
2018-19 Consolidated Budget by Fund

	Operating	Ancillary Operations	Research	Capital	Special Purpose	TOTAL
Revenue						
Provincial government	665,688	-	148,623	100,988	106,382	1,021,681
Federal and other government	1,559	-	171,769	17,181	-	190,510
Tuition and related fees	341,218	-	-	-	-	341,218
Sales of services and products	103,207	104,606	10,850	-	200	218,863
Grants and donations	11,347	-	79,384	21,004	3,508	115,244
Investment income	17,000	-	29,730	-	24,254	70,984
Total revenue	1,140,019	104,606	440,357	139,173	134,344	1,958,499
Expense						
Salaries	711,502	25,677	197,987	-	57,752	992,918
Employee benefits	147,692	5,469	27,999	-	12,748	193,909
Materials, supplies, and services	110,640	28,809	139,037	-	32,065	310,552
Utilities	48,407	7,096	401	-	-	55,904
Maintenance	32,842	26,424	2,557	30,661	83	92,566
Scholarships and bursaries	37,417	-	67,416	-	11,585	116,417
Amortization of capital assets	54,227	10,960	-	116,691	-	181,878
Total expense	1,142,727	104,436	435,397	147,352	114,232	1,944,144
Excess (Deficiency)	(2,708)	170	4,960	(8,179)	20,112	14,355
Investment in capital assets	(24,905)	(295)	(1,924)	(2,178)	-	(29,303)
Net Transfers	12,007	(12,154)	(3,977)	23,034	(20,112)	(1,202)
Unrestricted Net Assets, Beginning	(147,968)	38,814	60,645	12,198	-	(36,311)
Unrestricted Net Assets, End of Year	(163,574)	26,535	59,703	24,875	-	(52,461)

Synopsis: Capital Plan

As Alberta's oldest and largest post-secondary institution, the University of Alberta manages more than 1.8 million square metres of complex facility inventory across five distinct campuses. Having emerged from a period of significant growth in formal learning and research spaces, the university also actively manages significant quantities of aged infrastructure, some of which predates World War I. More than 50 per cent of university buildings were built in the post-war (1951-1975) or modern (1976-1990) periods; both of which are known for lower standard construction practices.

The University of Alberta's capital plan is firmly rooted in an acknowledgement that our ability to adequately maintain the existing inventory of buildings across five campuses has become unsustainable and requires a recommitment to better utilize existing building and land assets. With the government priorities of affordability and quality in mind, the capital plan emphasizes renewing and repurposing building infrastructure supplemented by a tacit understanding that strategic reductions in building inventory will be a necessary means to achieving a more manageable campus environment.

Deferred Maintenance

Deferred maintenance is an area of particular focus as the university's aggregate liability now exceeds \$1.0 billion. Work continues to identify and address deferred maintenance through renewal and repurposing projects to maintain, and optimally improve, the condition and functionality of the building inventory. The university is grateful for the increase in Budget 2017 to the Infrastructure Maintenance Program grant, however, only through access to sustained and predictable funding for deferred maintenance in the order of \$40-50 million annually, can the liability be reduced in a meaningful way. This amount is still below the industry best practice of 2.0-4.0 percent of the current replacement value of supported infrastructure.

Strategic Investments to Date

The University of Alberta has had considerable success in identifying opportunities to leverage existing funding and to explore creative partnerships and project delivery models. This has been an inherently delicate endeavour considering our five distinct campuses, each serving unique and separate constituencies within Alberta.

In Budget 2016, the Government of Canada announced the Post-Secondary Institutions Strategic Investment Fund to enhance and modernize research and commercialization facilities. With the support of the Government of Alberta, the University of Alberta was successful in receiving approval for 10 projects as follows:

SIF PROJECTS - APPROVED				
PROJECT	Government of Canada (\$)	Government of Alberta (\$)	University of Alberta (\$)	Total (\$)
Electrical & Computer Engineering Research Facility	11,000,000	7,000,000	7,000,000	25,000,000
Chemistry - Lab Modernization/Renewal	8,485,307	7,040,500	7,266,340	22,792.147

Chemical Materials Engineering Building	9,886,000	7,000,000	5,114,000	22,000,000
Biological Sciences & Earth and Atmospheric Sciences	9,023,974	5,500,000	7,476,026	22,000,000
Innovation/Incubator Space	1,500,000	0	2,000,000	3,500,000
Research Network Infrastructure Upgrade	8,405,194	0	8,848,738	17,253,932
Augustana - Science Lab Renewal	1,093,100	0	2,247,551	3,340,651
Campus Saint Jean - Science Lab Renewal	1,308,540	0	2,298,598	3,607,138
Clinical Sciences Building	3,092,310	0	4,610,690	7,703,000
Medical Sciences Building	2,458,750	0	2,541,250	5,000,000
TOTAL	56,253,175	26,540,500	49,403,193	132,196,868

Additionally, three major capital projects are at varying stages of completion.

DENTISTRY - PHARMACY BUILDING		
Project Description	Project Cost	Completion
Renewal and repurpose of this building is allowing the university to effectively utilize a significant infrastructure asset. The renewed facility will provide new teaching, academic, and administrative space at the heart of North Campus as well as reduce reliance on leased space. This project also addresses major health and safety issues (asbestos, fire safety, and indoor air quality), building code and physical condition issues, as well as focuses building outcomes to reduce its carbon footprint.	\$249,000,000	2023

EAST CAMPUS VILLAGE 9		
Project Description	Project Cost	Completion
The residence, which is on target for occupancy in September 2018, will become home to approximately 300 students organized in cohorts of four and six bedroom units.	\$35,350,000	2018

LISTER 5		
Project Description	Project Cost	Completion
Increasing housing inventory for first-year students remains a key means of making a post-secondary education accessible to Albertans. The newest tower in the 'Lister Complex' will become the home of approximately 460 first-year students beginning in September 2018.	\$40,500,000	2018

Top Capital Priorities

In support of the academic and research priorities identified in the Comprehensive Institutional Plan, the university has identified its top three capital projects. In addition to these top three, all substantial projects requiring support anticipated over the next five years have also been identified. Support may be in the form of direct government investment, government support of borrowing through the Alberta Capital Finance Authority, and/or philanthropic endeavours.

In all cases, projects focus on improved asset utilization by reducing risk, addressing deferred maintenance, reducing the environmental footprint and improving building performance. The university also continues to place significant emphasis on repurposing existing infrastructure and reducing reliance on leased space.

1. FACULTY OF ARTS - EXPANSION PROGRAM		
Project Description	Project Cost	Completion
As an alternative to a new downtown campus development, a multi-year phased renewal and expansion program will address program pressures in several buildings including Fine Arts, Industrial Design, HUB, Tory, and the School of Business.	\$178,600,000	2022

2. CAMERON LIBRARY - BUILDING ENVELOPE		
Project Description	Project Cost	Completion
Renewal of the Cameron Library building envelope is required due to failed panel support systems resulting in panels falling from the walls. Additionally, precast panels are dislodging from the exterior walls, requiring installation of security fencing to protect pedestrians. Finally, thermal scans have revealed an overall failure of the building envelope, resulting in increased energy usage.	\$24,786,336	2020

3. CHEMISTRY EAST - TEACHING RESEARCH LAB MODERNIZATION AND RENEWAL		
Project Description	Project Cost	Completion
These labs are original to the 1973 building and in very poor condition to the degree that present usability is in jeopardy. Continued use of these labs presents risks to the institution (quality of instruction and	\$14,231,000	2021

reputation) and to the environment. Renewal and modernization of 14 teaching labs will support teaching and research while also reducing energy consumption, improving environmental sustainability, and address lab safety with upgraded fume hoods.		
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Emerging Capital Priorities

Recognizing the uniqueness of operating five separate and distinct campuses, the remaining projects are presented in order of priority for each campus.

Capital Projects - Emerging Priorities (by campus)

Augustana Campus

- Science Building expansion and classroom upgrades (\$20 million)

Campus Saint-Jean

- Science Building expansion and classroom upgrades (\$19 million)

North Campus

- Maskwa House of Learning (\$28 million)
- Universiade Pavilion building envelope (\$17 million)
- Earth Sciences Building central systems upgrade (\$19 million)
- Biological Sciences Building renewal program – Phase I (\$59.6 million)
- Natural Resources Engineering Facility (\$22 million)
- Van Vliet Building electrical vault upgrade (\$18 million)
- Biological Sciences Building aquatics renewal (\$24.2 million)

South Campus

- South Campus Community Arenas and High-Performance Facility (\$65 million)
- Basic infrastructure (\$15.6 million)

Capital Projects - Ancillary Operations (self-funded as revenues permit)

- Epcor-Garneau Substation Switchgear upgrade / North Campus Electrical Feed expansion – Phase I and II (\$29.5 million)
- Lister Dining Hall reconfiguration (\$0.6 million)
- Central Academic Building lower level dining and student space upgrades (\$3.2 million)
- Lister Towers modernization (\$78 million)
- Lister Kitchen upgrades (\$1 million)
- The Marina and The Ship renovations (\$0.5 million)
- HUB renovate and furnish all suites (\$15 million)
- Food outlets campus-wide (\$0.5 million)
- Lister Community Plan (\$30 million)
- Enterprise Square main floor renewal (\$18 million)
- South Campus district energy plant (\$132.2 million)
- South Campus parking solutions (\$12 million)

Table 1: 2018-19 Capital Budget (\$000's)

2018-19 Capital Budget (\$000's)

	Actuals to date (preliminary)	2018-19 Recommended Budget	Forecast to complete	Total Estimated Project Budget
Capital Projects				
Chemistry Electrical Vault	100	5,700	6,000	11,800
Dentistry Pharmacy Renewal & Repurpose	2,000	50,000	197,000	249,000
East Campus Village 9 Residence - Phase 3	32,250	3,000	100	35,350
EPCOR Garneau Switchgear/North Campus Electrical Feed	-	13,600	15,900	29,500
Lister Residence 5	27,934	10,566	2,000	40,500
Natural Resources Engineering Facility (NREF) Renewal & Reno	1,876	19,550	575	22,000
Research & Collections Resource Facility (RCRF)	27,287	3,000	-	30,287
UA Botanic Garden- Infrastructure Upgrades	7,312	5,688	-	13,000
UA Botanic Garden- Islamic Garden	21,164	1,350	-	22,514
SIF Biological Sciences & Earth and Atmospheric Sciences	19,855	2,145	-	22,000
SIF Chemical Materials Engineering	20,004	1,996	-	22,000
SIF Chemistry Lab Modernization / Renewal	24,551	1,136	-	25,687
SIF Clinical Sciences Building- Mechanical System Renewal	7,011	692	-	7,703
SIF Electrical & Computer Engineering Research Facility (ECERF)	23,121	1,879	-	25,000
SIF Innovation / Incubator Space	3,475	25	-	3,500
SIF Medical Sciences Building- Infrastructure Upgrades	4,837	163	-	5,000
Other Capital Projects	68,190	11,290	3,823	83,303
Total - Projects Underway / Proceeding	290,966	131,780	225,398	648,144

Annual Capital Programs:

Infrastructure Maintenance Program Grant	34,914
Energy Management	9,500
Total Annual Capital Programs	44,414

Total	290,966	176,194	225,398	648,144
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Future Capital Projects

	2018-19	2019-20	2020-21
Agriculture Forestry- Lab Renewals	2,500	2,000	-
Alberta School of Business	5,000	36,000	48,000
Augustana Science Building Phase 1 & 2 Renewal	10,000	10,000	-
Augustana Science Building- Lab Renewal	2,000	6,000	1,600
Cameron Library- Building Envelope	4,000	16,000	4,800
Campus St. Jean- Science Building Expansion / Classroom Upgrades	2,500	14,000	2,500
Campus Wide Cooling Coil Upgrade Program	-	1,800	2,000
Campus Wide Medium Voltage Electrical System Upgrades	2,000	2,000	3,000
Chemistry East- Teaching Research Lab Modernization & Renewal	200	5,000	4,000
Chemistry West- Floor Renewal Program	-	2,000	4,500
Convocation Hall Renewal	2,000	6,000	400
Earth Sciences- Central System Upgrades	2,000	14,000	3,000
ECO Centre- UofA Botanic Garden	-	2,000	8,000
Elevator Upgrade Program	2,500	2,000	4,000
Engineering Back Fill 1- NREF	2,000	12,000	11,000
Faculty of Arts- Renewal and Addition	6,500	33,000	31,000
High Performance Training & Research Facility & Community Arena	9,000	16,000	40,000
Maskwa House of Learning	2,000	19,000	7,000
Mechanical Engineering Building Renewal & Expansion	-	5,000	22,000
Pre-Design and Planning Services Bundle- Annual	100	100	100
South Campus Basic Infrastructure	6,000	8,000	1,600
South Precinct Infrastructure- Utilities/District Energy Plant	-	3,200	36,000
Universiade Pavilion- Building Envelope	3,000	7,000	7,000
Van Vliet Electrical Vault Upgrades	4,000	6,000	6,000
Total Future Capital Projects	67,300	228,100	247,500