

MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

December 4, 2018, 4:00 p.m.
Tweedie Hall

Present: L. Beck, A. Beverley, F. Black, JP. Boudreau (Chair), C. Brett (Secretary), A. Cannon, A. Cockshutt, G. Cruttwell, G. Desmarais, J. Dryden, E. Edson, B. Evans, A. Fancy, N. Fry, A. Grant, O. Griffiths, D. Hamilton, D. Hornidge, R. Inglis, P. Kelly-Spurles, L. Kern, M. Klohn, D. Lieske, S. MacIver, J. Martinez, K. Meade, E. Miller, J. Ollerhead (Vice-Chair), C. Parker, E. Patterson, C. Quint, B. Robertson, J. Rogers, S. Runge, E. Steuter, J. Tomes, M. Truitt, S. Unger, N. Vogan, N. Verret, B. White, K. Wilock, W. Wilson

Regrets: L. Bedgood, J. Devine, N. Farooqi, R. Ireland, L. Michaelis, E. Patterson, V. St. Pierre, E. Wells

01.12.04 Acknowledgement of Lands

JP. Boudreau read the statement of aboriginal custodianship.

He then asked everyone present to think about how they embody the statement of committal.

02.12.04 Approval of the Agenda

Motion (A. Cockshutt/A. Nurse): that Senate adopt the Agenda as circulated.

Motion Carried

03.12.04 Approval of the Senate Minutes of November 6, 2018

Motion (S. Unger/K. Wilock): that Senate adopt the Minutes of the meeting of November 6, 2018.

Motion Carried

04.12.04 Business Arising from the Minutes

There was no business arising.

0.5.12.04 Report from the Chair

JP. Boudreau structured his remarks around four themes.

1. General remarks:

The president thanked everyone for their patience and support during a recent university shutdown due to a power outage. He noted that R. Inglis is leading a review of the university's response to the outage.

2. Internal Engagement:

J.P. Boudreau thanked Faculty Council for its recent thoughtful discussion on its role. He noted that the Board-Management committee has met and it is currently looking into initiatives for the

2019 recruitment cycle. He noted that the search for a Director of Research Services is complete. Meanwhile, searches for an Information Technology Manager and the Dean of Arts are in progress. A search for a new University Librarian will begin soon. The president announced that he has asked J. Ollerhead to stay on as Provost into next year.

3. External Engagement:

J.P. Boudreau informed Senate of recent meetings with provincial officials (the Premier, the Minister of Postsecondary Education, Labour and Training, and the MLA for Tantramar-Memramcook). He said that he felt optimistic and hopeful after those meetings. The president also met with the Mayor of Moncton, while R. Inglis updated Sackville Town Council on happenings at the university. J.P. Boudreau plans to meet with the MP for Beausejour in the coming weeks.

The president continues to meet with donors to the university.

4. Some Upcoming Events of Note:

The president invited everyone to the University Holiday Social on December 13 and to a social at Hammond House on December 4.

0.6.12.04 Report from the University Planning Committee

J. Ollerhead circulated a written report as part of the materials for the meeting. This report is appended to these minutes. He noted that decisions on faculty hiring would be made within 48 hours of the conclusion of the Senate meeting.

J. Dryden asked about the criteria that had been used in prioritizing hires. J. Ollerhead answered that all members of the committee had access to the same data, but that members weighted evidence in their own ways.

P. Kelly-Spurles asked if the committee intends to increase the number of indigenous faculty members. J. Ollerhead responded that the committee had not discussed that criterion this year, but that it would like to see increased diversity on campus. J.P. Boudreau added that equity, diversity, and inclusion are university-wide priorities.

L. Kern asked about the process leading to a recent hire in Commerce. J. Ollerhead answered that the position was authorized last year, but will be filled with a 2019 start date.

07.12.04 Calendars of Events

Motion (C. Parker/M. Truitt): that Senate approve the Calendar of Events for 2019-2020 as circulated.

Motion Carried

C. Parker introduced the calendar. She noted that the committee has discussed the issue of make-up classes for cancellation days, but no wording about these days appears in the proposed calendar.

O. Griffiths and F. Black expressed concern about the placement of the Fall Study Break very late in the term. F. Black found the late break disruptive and that students appear to come back more encumbered than when they left. C. Parker noted that Senate reviewed and approved the positioning of the break last year and that it would take a new motion of Senate to re-visit the issue. F. Black agreed to try the status quo for one more year before considering such a motion.

Motion (C. Parker/M. Truitt): that Senate approve the Provisional Calendar of Events for 2020-2021 as circulated.

Motion Carried

C. Parker noted that the late positioning of Labour Day results in a three-day gap between the last day of exams and the holiday break. A. Cockshutt asked why residences are open early. C. Parker said that this could be changed. G. Desmarais asked why the proposed Winter Break is so early in 2021. C. Parker responded that the break is attached to Family Day, a provincial holiday.

The approved calendars of events are appended to these minutes.

08.12.04 Report from the Honorary Degrees Committee

Motion (A. Nurse/ N. Fry): that Senate move *in camera* for the purpose of considering candidates for honorary degrees.

Motion Carried

Senate considered a list of candidates for honorary degrees.

Motion (A. Nurse/G. Cruttwell): that Senate move *ex camera*.

Motion Carried

09.12.04 Report from the Academic Matters Committee

C. Parker gave the report, which consisted of a series of motions and associated rationales.

Motion (C. Parker/M. Truitt): that Senate approve the changes to calendar regulations on theses outlined in the Report to Senate, December 4, 2018.

Motion Carried

Motion (C. Parker/M. Truitt): that Senate approve the introduction and definition of the word “antirequisite” as outlined in the Report to Senate, December 4, 2018.

Motion Carried (16 yays, 14 nays, 1 abstention)

A. Cockshutt asked why this new language is necessary. B. Robertson replied that the language provides a succinct way to direct upper level students away from first year courses in areas they

have already studied. The term, he said, is in use in other universities. He also noted that the term would be used only if departments choose to do so.

O. Griffiths asked if there is data on the prevalence of upper year students in introductory courses. B. Robertson noted that concern had been raised about his possibility in the past, but he was not aware of data. F. Black noted that a few years ago, perhaps contrary to the spirit of this proposal, departments were encouraged to open up their first year courses to everyone. She also noted that she finds it beneficial to have students from multiple years in her courses.

K. Wilock asked if the language would be used to prevent students from re-taking a course in order to improve their grades. C. Parker answered that the committee had not considered this possibility.

B. White asked if there are other ways to encourage students to enroll in upper-level courses. C. Parker noted that, in some programs, it is possible to take a large proportion of first year courses in the final year. On the other hand, some departments have existing language that does restrict entry to introductory courses based on completion of other courses. S. Runge noted that Music has language of this sort, and that the proposed change may allow ways for it to shorten or clarify its Calendar entries.

J.P. Boudreau advised Senate to use the new term with caution, to avoid unintended consequences.

Motion (C. Parker/M. Truitt): that Senate approve the introduction of Joint Majors in the BA and BSc programs and associated regulations as outlined in the Report to Senate, December 4, 2018.

Motion Carried (3 nays)

Motion (C. Parker/M. Truitt): that Senate approve the introduction of a Joint Major in Geocomputing as outlined in the Report to Senate, December 4, 2018, subject to MPHEC approval.

Motion Carried

Motion (C. Parker/M. Truitt): that Senate approve the changes to the Geography and Environment Program as outlined in the Report to Senate, December 4, 2018.

Motion Carried

Motion (C. Parker/M. Truitt): that Senate approve the changes to the Mathematics and Computer Science Program as outlined in the Report to Senate, December 4, 2018.

Motion Carried

Motion (C. Parker/M. Truitt): that Senate approve the changes to the Commerce Program as outlined in the Report to Senate, December 4, 2018.

Motion Carried (2 abstentions)

G. Cruttwell expressed concern over the removal of Mathematics prerequisites from many Commerce courses. S. MacIver and P. Berry responded that the Commerce Department had discussed the issue fully and believed the new prerequisite structure to be both adequate and more flexible than the one it would replace. C. Parker noted that the proposed changes to the Commerce Program are substantial.

J.P. Boudreau thanked the committee for its work.

The text of the report is appended to these minutes.

10.12.04 Report from the Committee on Committees

J. Tomes gave the report, which consisted of the following motion.

Motion: (J. Tomes/N. Fry) The Committee on Committees moves that Senate acclaim the following nominees to the committees indicated for terms beginning January 1, 2019, and ending June 30, 2021.

Committee on Emeriti Appointments

VACANCY: 1 faculty member or librarian

PETER BROWN

International Programs Committee

VACANCY: 1 faculty member or librarian

MORGAN POTEET

Scholarships and Bursaries Committee

VACANCY: 1 faculty member or librarian

ILARIA BATTILORO

Experiential Learning Committee

VACANCY: 1 faculty member or librarian

MIKE FOX

Motion Carried

11.12.04 Report from the Ad Hoc Committee on the Composition of Senate

The report consisted of the following motion and the committee's rationale for its adoption.

Motion (O. Griffiths/N. Verret): that Senate recommend to the Board of Regents that the By-Laws of the University be amended in the ways outlined in the Report to Senate, December 2018.

C. Brett reminded Senate that the power to change the by-laws rests with the Board of Regents. He noted that the Board may consider the recommendation at its next meeting, scheduled for February 2019.

O. Griffiths highlighted the process leading up to the recommendations and thanked everyone who contributed to the committee's work.

J.P. Boudreau observed that the recommendations would increase the number of senators by one.

R. Inglis added that he looked into whether and how other universities have indigenous representation on their respective Senates. He noted that there are many approaches to the issue.

The text of the report is appended to these minutes.

12.12.04 Reports for Information

Senate received the following reports as circulated.

- Report from the Scholarships and Bursaries Committee
- Report from the Academic Information Technology Committee
- Report from Faculty Council

There were no questions or comments. The reports are appended to these minutes.

13.12.04 Discover Mount Allison

G. Cruttwell thanks senators for approving the new program in Geo-computing. He invited other departments to consider developing programs on this "CS+" model.

A. Cockshutt congratulated Katherine Reiss, Mount Allison's 55th Rhodes Scholar. She then thanked everyone at the university who helped with the application process. Senate gave a round of applause.

J.P. Boudreau announced that there will be a coding hack-a-thon on campus in the near future.

14.12.04 Other Business

There was no other business.

15.12.04 Adjournment

There being no further business or announcements, the meeting adjourned at 5:40 pm (S. Unger/N. Fry).

Respectfully submitted,

Craig Brett
Secretary

MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

December 4, 2018, 4:00 p.m.
Tweedie Hall

Appendices to the Minutes

- Report from the University Planning Committee
- Calendar of Events for 2019-2020 and the Provisional Calendar of Events for 2020-2021
- Report from the Academic Matters Committee
- Report from the Ad Hoc Committee on the Composition of Senate
- Reports for Information:
 - Report from the Scholarships and Bursaries Committee
 - Report from the Academic Information Technology Committee
 - Report from Faculty Council

Planning Committee Report to Senate – 4 December 2018

The Planning Committee has been busy over the past few months. We have been meeting with the head of each department (or program) that submitted a request for a tenure-track position(s). On Friday, 23 November 2018, we concluded this aspect of our year's work.

For 1 July 2019, there are 12 requests for tenure-track positions (see attached spreadsheet). Given that all of these positions will not be filled, due in part to budget pressures, some difficult decisions are necessary. After much deliberation, the Committee has come as close to consensus as possible with the following recommendations (note: in each category, departments are listed in alphabetic order not priority order):

Category	Department	Area
Must fill for 2019 *	Biology	marine biology
	Biology	vertebrate physiology
	Fine Arts	lens-based practice
	Music	theory
Should fill for 2019	Politics/International Relations	comparative politics
	Psychology	industrial/organizational
Will be further considered in Fall 2019	Commerce	marketing
	Geography/Environment	environmental science
	History	British history
	Libraries and Archives	music and other subjects
	Music	education

* a tenured position in Commerce, in the area of accounting/finance, has already been filled.

Factors considered in placing each request in a category included the written submission, the presentation by the department head, recent enrollment trends, necessity from a program integrity standpoint, etc.

As noted in our previous verbal report to Senate, the external review teams for Chemistry and Biochemistry, Music, and the Libraries and Archives, made their campus visits in October 2018. We are now awaiting the reports and expect to have them by Christmas.

Finally, the Committee spent a little time discussing the future of anthropology programming on campus. No proposals were received from the Anthropology Department (or elsewhere) for a tenure-track position in this area; hence, it was difficult to discuss this issue in the context of other proposals received. As Senators will likely know, this topic has been discussed multiple times over the past 2 years. It is the intention of the provost to bring a motion to the Senate Agenda Committee, for inclusion in the agenda for the 15 January 2019 meeting, to bring this matter to closure.

Submitted on behalf of the Planning Committee
J. Ollerhead | 27 November 2018

Note: dates in bold text are those approved by Senate; dates in bold text with an asterisk are subject to change; dates in italics are either determined by calendar or other regulations; holidays are in regular text.

2019 – 2020 Calendar of Events

<i>May 3</i>	<i>Friday</i>	<i>Registration Deposit due for Fall/Winter term – new students; Residence Deposit due for new and returning students requiring residence accommodation</i>
<i>May 6</i>	<i>Monday</i>	<i>Spring/Summer term courses begin</i>
<i>May 10</i>	<i>Friday</i>	<i>Last day for change in registration (add/drop)for Spring/Summer term courses</i>
<i>May 13</i>	<i>Monday</i>	<i>Last day to make fee payment without penalty for Spring/Summer term courses</i>
<i>May 13</i>	<i>Monday</i>	<i>2019 Convocation. Spring Term classes continue as scheduled</i>
<i>May 20</i>	<i>Monday</i>	<i>Victoria Day – no classes, University offices closed</i>
<i>June 3</i>	<i>Monday</i>	<i>Last day for returning students to pay Registration Deposit for Fall/Winter terms without penalty</i>
<i>June 21</i>	<i>Friday</i>	<i>Last day of classes and end of withdrawal period for Spring/Summer term in-class courses as per academic regulation 10.4.3 c) and d)</i>
<i>Aug. 26</i>	<i>Monday</i>	<i>Arrival of new international students, international orientation begins</i>
<i>Aug. 29</i>	<i>Thursday</i>	<i>Arrival of new students, Commencement</i>
<i>Aug.30</i>	<i>Friday</i>	<i>End of withdrawal period for Spring/Summer term correspondence courses as per academic regulation 10.4.3 e)</i>
<i>Aug.30</i>	<i>Friday</i>	<i>Beginning of orientation, University Assembly(morning), Deadline for October 2019 Graduation Application</i>
<i>Aug.31</i>	<i>Saturday</i>	<i>Correspondence Exams for eligible students</i>
<i>Sept. 1</i>	<i>Sunday</i>	<i>Returning students may enter residence.</i>
<i>Sept. 2</i>	<i>Monday</i>	<i>Labour Day – No Classes, University offices closed</i>
Sept. 3	Tuesday	Fall term classes begin
Sept. 10	Tuesday	Meeting of Senate
<i>Sept. 13</i>	<i>Friday</i>	<i>Last day for registration in Fall term 3 credit courses and in year-long 1, 3, and 6 credit courses</i>
<i>Sept. 16</i>	<i>Monday</i>	<i>Last day to make Fall fee payment without penalty</i>
Sept. 24*	Tuesday	Meeting of Faculty Council
<i>Sept.27</i>	<i>Friday</i>	<i>End of the change of registration period to drop Fall term 3 credit courses and year-long 1, 3, and 6 credit courses; withdrawal from individual courses after this date until the last day of classes will have a notation of ‘W’ recorded on the transcript.</i>
<i>Sept. 30</i>	<i>Monday</i>	<i>Deadline for May 2020 Graduation Application</i>
<i>Oct. 14</i>	<i>Monday</i>	<i>Thanksgiving Day — no classes</i>
Oct. 15	Tuesday	Meeting of Senate and approval of October Degree candidates
<i>Oct. 18</i>	<i>Friday</i>	<i>University Open House</i>
Oct. 29*	Tuesday	Meeting of Faculty Council
<i>Oct. 25</i>	<i>Friday</i>	<i>Deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students</i>
Nov. 5	Tuesday	Meeting of Senate
Nov. 11* Nov. 15*	Monday to Friday	Fall Study Break – no classes

Nov. 11	Monday	Observance of Remembrance Day – University offices closed
Nov. 12	Tuesday	Deadline for registration and residence deposits for students admitted for the Winter term
Nov. 25	Monday	No in-class or take-home tests worth more than 10% of the final grade, and no final tests or examinations with the exception of laboratory examinations may be scheduled after this date
Nov. 26*	Tuesday	Meeting of Faculty Council
Nov. 26	Tuesday	Last day of classes for Tuesday- only classes
Nov. 27	Wednesday	Last day of classes for Wednesday- only classes
Nov. 28	Thursday	Last day of classes for TTH, Thursday- only classes
Nov. 29	Friday	Last day of classes for Friday –only classes
Dec. 2	Monday	MWF, MW, Monday-only classes continue as scheduled
Dec. 3	Tuesday	Make-up day for Thanksgiving Monday (Last day of classes for MWF, MW, Monday-only classes)
Dec. 3	Tuesday	<i>End of withdrawal period for Fall term courses; any student who does not withdraw from a Fall term course(s) by this date will remain registered and will receive a final grade.</i>
Dec. 3	Tuesday	Meeting of Senate
Dec. 5	Thursday	Final exam period begins for Fall term 3 credit courses, including mid-year tests in 3 and 6 credit full year courses
Dec. 14	Saturday	Last day for exams.
Dec. 23	Monday	University closed for holidays, Monday, Dec 23 – Thursday, Jan. 2 inclusive
2020		
Jan. 3	Friday	<i>University offices open</i>
Jan. 5	Sunday	<i>Returning students may enter residence.</i>
Jan. 6	Monday	Winter term classes begin. Deferred exams in Fall term 3 credit courses begin in evening
Jan. 14	Tuesday	Meeting of Senate
Jan. 17	Friday	<i>Last day for registration in Winter term 3 credit courses; deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students in year-long 1, 3, and 6 credit courses</i>
Jan. 20	Monday	<i>Last day to pay account balance without penalty</i>
Jan. 28*	Tuesday	Meeting of Faculty Council
Jan. 31	Friday	<i>End of the change of registration period to drop Winter term 3 credit courses; withdrawal from individual courses after this date until the last day of classes will have a notation of 'W' recorded on the transcript.</i>
Feb. 3	Monday	<i>Deadline for returning students to apply to transfer to the B.F.A. program</i>
Feb. 11	Tuesday	Meeting of Senate
Feb 17	Monday	Family Day – University Offices closed
Feb. 17– Feb. 21	Monday to Friday	Winter Study Break— no classes
Feb. 24	Monday	<i>Deadline for returning students to apply to transfer to Music program</i>
Feb 25*	Tuesday	Meeting of Faculty Council
Feb 28	Friday	<i>Deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students</i>
Feb 28	Friday	<i>University Open House</i>

Mar. 17	Tuesday	Meeting of Senate
Mar. 31*	Tuesday	Meeting of Faculty Council
<i>Mar. 27</i>	<i>Friday</i>	<i>No in-class or take-home tests worth more than 10% of the final grade, and no final tests or examinations with the exception of laboratory examinations may be scheduled after this date</i>
Mar. 30	Monday	Last day of classes for Monday-only classes
Mar. 31	Tuesday	Last day of classes for Tuesday-only classes
Apr. 1	Wednesday	Last day of classes for MW, Wednesday-only classes
Apr. 2	Thursday	Last day of classes for TTH, Thursday-only classes
Apr. 3	Friday	Last day of classes for MWF, Friday-only classes
<i>Apr. 3</i>	<i>Friday</i>	<i>End of withdrawal period for Winter term 3 credit courses and year-long 1, 3, and 6 credit courses; any student who does not withdraw from these courses by this date will remain registered and will receive a final grade.</i>
<i>Apr. 6</i>	<i>Monday</i>	<i>Deadline for returning students to apply to transfer to B.A., B.Sc. or B.Comm programs</i>
Apr. 7	Tuesday	Joint meeting of Faculty Council and Senate
Apr. 8	Monday	Final exam period begins for all Winter term and full year courses
Apr. 10	Friday	Good Friday, University closed, no exams on this date
Apr. 18	Saturday	Last day for exams.
May 7	Thursday	Meeting of Faculty Council (morning); Meeting of Senate (afternoon)
May 11	Monday	University Convocation

Notes:

- A week long Fall Study Break has been scheduled attached to observance of Remembrance Day, Monday, Nov. 11.
- There are 60 instructional days in both terms
- There will be one day scheduled on the last Tuesday of the Fall term as a make-up day for classes that would have been scheduled on Thanksgiving Monday.
- Assuming MWF classes are based on 50 minute periods; TTH classes are based on 80 min. periods; and classes that are scheduled to meet one day a week for at least 170 min (two hours plus 50 min.), this allows for 36 instructional days for MWF classes (30 contact hours); 24 instructional days for MW, TTH classes (32 contact hours); 12 instructional days (34 contact hours) for classes that occur one day a week on M, T, W,Th or F;
- The exam period in the Fall term is 9 days ending on Saturday, Dec. 14; 8 calendar days for grading before the Christmas break.
- In the Winter term, offices will reopen on Friday, January 3.
- The first day of classes will be the following Monday, January 6.
- The Winter term has 36 instructional days for MWF classes (30 contact hours); 24 instructional days for MW, TTH classes (32 contact hours); 12 instructional days (34 contact hours) for classes that occur one day a week on M, T, W,Th or F.
- Winter term exams end on Saturday, April 18; final grades for grads will be due by Wednesday, April 22; allows 12 calendar days for final degree audit, preparation for Graduation Review Committee, and final list of candidates for degrees to be presented at Senate on the Thursday prior to Monday Convocation.
- Meetings of the University Senate will be scheduled from 4:00 to 5:30 p.m. on the Tuesday that falls closest to the 15th of each month on which classes are also scheduled. The scheduling of the April and May meetings will be tied to the release of the university budget (April) and the date of convocation (May).
- Faculty Council meetings have also been tentatively scheduled at 4:00 to 5:30 on the last Tuesday of each month.

Significant dates:

2019 Fall term – Total – 60 teaching days: MWF – 36; MW, TTH- 24; M-12 (11+ Tues, Dec. 4), T-12, W-12, Th-12, F-12
 Tuesday, Sept. 3 - Classes begin after Labour Day
 Monday, Oct. 14– Thanksgiving – no classes
 Friday, Oct.18 – Fall Open House
 Monday, Nov 11 – observance of Remembrance Day- university offices closed
 Monday, Nov. 11- Friday, Nov.15 – Fall Study Break – no classes
 Tuesday, Dec. 3- Last day of Classes, with one day between last day of classes and first day of exams
 Thursday, Dec. 5 to Saturday, Dec. 14 – 9 day exam period
 Monday, Dec. 23- university closed for the holidays, *allows 8 calendar days after last day of exams for grade submission prior*

to the break.

2020 Winter term- Total – 60 teaching days: MWF – 36; MW, TTH- 24; M-12, T-12, W-12, Th-12, F-12

Friday, Jan. 3 – Offices open

Monday, Jan. 6 – Classes begin

Feb 17 – Family Day, University Offices closed

Feb 17– 21– Winter Study Break- no classes

Friday, Feb. 28 – Winter Open House

Friday, Apr.3– Last day of classes

Wednesday, Apr. 8 – Friday, Apr. 18 – 9 day exam period

Friday, Apr. 10 – Good Friday, University offices closed, no exams

Wednesday, Apr. 22 – Grades for Grads due (4 calendar days after last day of exams) – *allows 12 calendar days for final degree audit and preparation for Graduation Review Committee, prior to Faculty Council/Senate*

Thursday, May 7 – Faculty Council/Senate

Monday, May 11 – Convocation

Note: dates in bold text are those approved by Senate; dates in bold text with an asterisk are subject to change; dates in italics are either determined by calendar or other regulations; holidays are in regular text.

2020 – 2021 Provisional Calendar of Events (subject to change)

<i>May 1</i>	<i>Friday</i>	<i>Registration Deposit due for Fall/Winter term – new students; Residence Deposit due for new and returning students requiring residence accommodation</i>
<i>May 4</i>	<i>Monday</i>	<i>Spring/Summer term courses begin</i>
<i>May 8</i>	<i>Friday</i>	<i>Last day for change in registration (add/drop)for Spring/Summer term courses</i>
<i>May 11</i>	<i>Monday</i>	<i>Last day to make fee payment without penalty for Spring/Summer term courses</i>
<i>May 11</i>	<i>Monday</i>	<i>2020 Convocation. Spring Term classes continue as scheduled</i>
<i>May 18</i>	<i>Monday</i>	<i>Victoria Day – no classes, University offices closed</i>
<i>June 1</i>	<i>Monday</i>	<i>Last day for returning students to pay Registration Deposit for Fall/Winter terms without penalty</i>
<i>June 19</i>	<i>Friday</i>	<i>Last day of classes and end of withdrawal period for Spring/Summer term in-class courses as per academic regulation 10.4.3 c) and d)</i>
<i>Aug.28</i>	<i>Friday</i>	<i>End of withdrawal period for Spring/Summer term correspondence courses as per academic regulation 10.4.3 e)</i>
<i>Aug. 31</i>	<i>Monday</i>	<i>Arrival of new international students, international orientation begins</i>
<i>Sept. 3</i>	<i>Thursday</i>	<i>Arrival of new students, Commencement</i>
<i>Sept. 4</i>	<i>Friday</i>	<i>Beginning of orientation, University Assembly(morning), Deadline for October 2020 Graduation Application</i>
<i>Sept. 5</i>	<i>Saturday</i>	<i>Correspondence and Deferred Exams for eligible students</i>
<i>Sept.6</i>	<i>Sunday</i>	<i>Returning students may enter residence.</i>
<i>Sept. 7</i>	<i>Monday</i>	<i>Labour Day – No Classes, University offices closed</i>
Sept. 8	Tuesday	Fall term classes begin
Sept. 15	Tuesday	Meeting of Senate
<i>Sept. 18</i>	<i>Friday</i>	<i>Last day for registration in Fall term 3 credit courses and in year-long 1, 3, and 6 credit courses</i>
<i>Sept. 21</i>	<i>Monday</i>	<i>Last day to make Fall fee payment without penalty</i>
<i>Sept.25</i>	<i>Friday</i>	<i>End of the change of registration period to drop Fall term 3 credit courses and year-long 1, 3, and 6 credit courses; withdrawal from individual courses after this date until the last day of classes will have a notation of ‘W’ recorded on the transcript.</i>
Sept. 29*	Tuesday	Meeting of Faculty Council
<i>Oct. 2</i>	<i>Friday</i>	<i>Deadline for May 2021 Graduation Application</i>
<i>Oct. 12</i>	<i>Monday</i>	<i>Thanksgiving Day — no classes</i>
Oct. 13	Tuesday	Meeting of Senate and approval of October Degree candidates
<i>Oct. 16</i>	<i>Friday</i>	<i>University Open House</i>
Oct. 27*	Tuesday	Meeting of Faculty Council
<i>Oct. 30</i>	<i>Friday</i>	<i>Deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students</i>
Nov. 3	Tuesday	Meeting of Senate

Nov. 9 - Nov. 13	Monday to Friday	Fall Study Break – no classes
Nov. 11	Wednesday	Observance of Remembrance Day – University offices closed
Nov. 13	Friday	<i>Deadline for registration and residence deposits for students admitted for the Winter term</i>
Nov. 24*	Tuesday	Meeting of Faculty Council
Nov. 30	Monday	<i>No in-class or take-home tests worth more than 10% of the final grade, and no final tests or examinations with the exception of laboratory examinations may be scheduled after this date</i>
Dec. 1	Tuesday	Last day of classes for Tuesday- only classes
Dec. 2	Wednesday	Last day of classes for Wednesday- only classes
Dec. 3	Thursday	Last day of classes for TTH, Thursday- only classes
Dec. 4	Friday	Last day of classes for Friday –only classes
Dec. 7	Monday	MWF, MW, Monday-only classes continue as scheduled
Dec. 8	Tuesday	Make-up day for Thanksgiving Monday (Last day of classes for MWF, MW, Monday-only classes)
Dec.8	Tuesday	<i>End of withdrawal period for Fall term courses; any student who does not withdraw from a Fall term course(s) by this date will remain registered and will receive a final grade.</i>
Dec. 8	Tuesday	Meeting of Senate
Dec. 10	Thursday	Final exam period begins for Fall term 3 credit courses, including mid-year tests in 3 and 6 credit full year courses
Dec. 19	Saturday	Last day for exams.
Dec. 23	Wednesday	University closed for holidays, Wednesday, Dec 23 – Friday, Jan. 1 inclusive
2021		
Jan. 3	Sunday	<i>Returning students may enter residence.</i>
Jan. 4	Monday	<i>University offices open</i>
Jan. 11	Monday	Winter term classes begin. Deferred exams in Fall term 3 credit courses begin in evening
Jan. 12	Tuesday	Meeting of Senate
Jan. 22	Friday	<i>Last day for registration in Winter term 3 credit courses; deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students in year-long 1, 3, and 6 credit courses</i>
Jan. 25	Monday	<i>Last day to pay account balance without penalty</i>
Jan. 26*	Tuesday	Meeting of Faculty Council
Feb. 1	Monday	<i>Deadline for returning students to apply to transfer to the B.F.A. program</i>
Feb 5	Friday	<i>End of the change of registration period to drop Winter term 3 credit courses; withdrawal from individual courses after this date until the last day of classes will have a notation of 'W' recorded on the transcript.</i>
Feb. 9	Tuesday	Meeting of Senate
Feb 15	Monday	Family Day – University Offices closed; no classes
Feb. 15– Feb. 19	Monday to Friday	Winter Study Break— no classes
Feb. 19	Friday	<i>Deadline for returning students to apply to transfer to Music program</i>
Feb. 23*	Tuesday	Meeting of Faculty Council

Feb. 26	Friday	University Open House
Mar.5	Friday	Deadline by which work worth at least 20% of the final grade is to be evaluated and returned to students
Mar. 16	Tuesday	Meeting of Senate
Mar. 30*	Tuesday	Meeting of Faculty Council
Apr. 2	Friday	Good Friday, University closed, no classes
Apr.5	Monday	No in-class or take-home tests worth more than 10% of the final grade, and no final tests or examinations with the exception of laboratory examinations may be scheduled after this date
Apr. 5	Monday	Deadline for returning students to apply to transfer to B.A., B.Sc. or B.Comm programs
Apr. 5	Monday	Last day of classes for Monday-only classes
Apr. 6	Tuesday	Joint meeting of Faculty Council and Senate
Apr. 6	Tuesday	Last day of classes for Tuesday-only classes
Apr. 7	Wednesday	Last day of classes for MW, Wednesday-only classes
Apr. 8	Thursday	Last day of classes for TTH, Thursday-only classes
Apr. 12	Monday	Last day of classes for MWF, Make-up day for Friday-only classes
Apr. 12	Monday	End of withdrawal period for Winter term 3 credit courses and year-long 1, 3, and 6 credit courses; any student who does not withdraw from these courses by this date will remain registered and will receive a final grade.
Apr. 14	Wednesday	Final exam period begins for all Winter term and full year courses
Apr. 23	Friday	Last day for exams.
May 13	Thursday	Meeting of Faculty Council (morning); Meeting of Senate (afternoon)
May 17	Monday	University Convocation

Notes:

- Labour Day is late (Sept, 7)
- A week long Fall Study Break has been scheduled attached to observance of Remembrance Day, Wednesday, Nov. 11.
- There are 60 instructional days in both terms
- There will be one day scheduled on the last Tuesday of the Fall term as a make-up day for classes that would have been scheduled on Thanksgiving Monday.
- Assuming MWF classes are based on 50 minute periods; TTH classes are based on 80 min. periods; and classes that are scheduled to meet one day a week for at least 170 min (two hours plus 50 min.), this allows for 36 instructional days for MWF classes (30 contact hours); 24 instructional days for MW, TTH classes (32 contact hours); 12 instructional days (34 contact hours) for classes that occur one day a week on M, T, W,Th or F;
- **The exam period in the Fall term is 9 days ending on Saturday, Dec. 19; 3 calendar days for grading before the Christmas break.**
- In the Winter term, offices will reopen on Monday, January 4.
- **The first day of classes will be the following Monday, January 11.** This allows 9 additional grading days outside the holidays before the start of classes.
- A week long Winter Study Break has been scheduled for Feb 15-19, attached to Family Day, Monday, February 15.
- Easter is early, with Good Friday on April 2. Because of this we have to schedule a make-up day for classes that would have been scheduled on that day
- The Winter term has 36 instructional days for MWF classes (30 contact hours); 24 instructional days for MW, TTH classes (32 contact hours); 12 instructional days (34 contact hours) for classes that occur one day a week on M, T, W,Th or F.
- Winter term exams start on Wednesday, April 14 and end on end on Friday, April 23; final grades for grads will be due by Tuesday, April 27; to allow 12 calendar days for final degree audit, preparation for Graduation Review Committee, and list of candidates for degrees to be finalized, Senate is scheduled for the Thursday, May 13, and Convocation on **Monday, May 17**
- Meetings of the University Senate will be scheduled from 4:00 to 5:30 p.m. on the Tuesday that falls closest to the 15th of each month on which classes are also scheduled. The scheduling of the April and May meetings will be tied to the release of the

university budget (April) and the date of convocation (May).

- Faculty Council meetings have also been tentatively scheduled at 4:00 to 5:30 on the last Tuesday of each month.

Significant dates:

2020 Fall term – Total – 60 teaching days: MWF – 36; MW, TTH- 24; M-12 (11+ Tues, Dec. 4), T-12, W-12, Th-12, F-12

Tuesday, Sept. 8 - Classes begin after Labour Day

Monday, Oct. 12– Thanksgiving – no classes

Friday, Oct.16 – Fall Open House

Monday, Nov. 9- Friday, Nov.13 – Fall Study Break – no classes

Wednesday, Nov 11 – observance of Remembrance Day- university offices closed

Tuesday, Dec. 8- Last day of Classes, with one day between last day of classes and first day of exams

Thursday, Dec.10 to Saturday, Dec. 19 – 9 day exam period

Wednesday, Dec. 23- university closed for the holidays, *allows 3 calendar days after last day of exams for grade submission prior to the break.*

2021 Winter term- Total – 60 teaching days: MWF – 36; MW, TTH- 24; M-12, T-12, W-12, Th-12, F-12

Monday, Jan. 4 – University offices open

Monday, Jan 11 - Classes begin

Feb 15 – Family Day, University Offices closed

Feb 15– 19– Winter Study Break- no classes

Friday, Feb. 26 – Winter Open House

Friday, Apr. 2– Good Friday, University offices closed, no classes

Monday, Apr.12– Last day of classes

Thursday, Apr. 14 – Friday, Apr. 23 – 9 day exam period

Tuesday, Apr. 27 – Grades for Grads due (4 calendar days after last day of exams) – *allows 12 calendar days for final degree audit and preparation for Graduation Review Committee, prior to Faculty Council/Senate*

Thursday, May 13 – Faculty Council/Senate

Monday, May 17 – Convocation

ACADEMIC MATTERS COMMITTEE
Report to Senate, December 4, 2018

This report contains recommendations for changes to academic programs effective under the 2019-2020 academic calendar:

1. E-Thesis – academic regulations 10.10.5 and 11.4.4
2. Anti-requisites
3. Joint Major
4. Geocomputing
5. Geography and Environment
6. Mathematics and Computer Science
7. Commerce

Note: additions/changes are indicated in bold text, deletions are indicated with strikethrough.

1. The Academic Matters Committee recommends approval of changes to the following academic regulations pertaining to the Honours and Master's Theses:

10.10.5 Submitting a Thesis

a) An Honours student's thesis must be submitted to the department or program for grading no later than the first day of the Winter term examination period.

b) ~~Bound copies of the thesis~~ **Both a bound paper copy and an electronic copy (Microsoft Word or pdf file format)** of the thesis must be submitted to the office of the Academic Deans no later than the last day of the final examination period.

11.4.4 Course and Thesis Requirements

e) ~~Copies~~ **Both a bound paper copy and an electronic copy (Microsoft Word or pdf file format)** of the thesis must be made available to the members of the candidate's Examining Committee at least three weeks prior to its defense.

Rationale: The current practice is to acquire two paper / analogue copies of the final, authenticated version of the thesis. One copy goes to the stacks in the Ralph Pickard Bell Library and the other goes to the Archives.

In light of increasing demands for digital versions of the theses, Library Council recommends that the current practice be modified. Students should be asked to supply one paper copy which will become the authenticated final version and one digital version (Microsoft Word or pdf) that would be converted to a pdf/a file, added to the institutional repository, and linked to the record in the libraries' online catalogue. This would respond to the request from students and other interested researchers to access these items online. This issue was also recently raised during an external review of the Math and Computer Science Department (fall 2017) which adds further urgency to this modification.

This revised practice will apply immediately after the new regulations are approved by Senate. The Libraries and Archives will also create optional procedures for providing access to digitized versions of theses submitted before 2018-2019.

Other documents affected: Updates to the following documents will be required if the Academic Matters Committee and Senate agree to approve the above changes to the academic calendar.

- i) Graduate Studies Handbook
- ii) Mount Allison Thesis Licence Agreement
- iii) Submitting Your Thesis to Mount Allison's Institutional Repository
- iv) Takedown Request Form
- v) Protocol for Takedown Requests
- vi)

2. The Academic Matters Committee recommends the addition of ‘Anti-requisites’ to the Glossary of Academic Terms and to course descriptions where applicable.

Anti-requisite: a specific course or level of attainment which, if already successfully completed, does not permit registration for credit in another course, or may not be taken for credit concurrently with another course.

Rationale: The purpose of listing ‘anti-requisites’ in a course description is to deter students from taking introductory level courses when they have already successfully completed upper level courses in the same subject. This is in part a response to the perception that fourth year students enroll in 1000 level courses that may be over-subscribed when they have already completed courses in the same subject at a higher level.

E.g. COMM 1011 - replace the statement “This course may not count for credit toward a degree if credit has already been granted for nine or more credits from 2000 level Commerce courses’ with (Anti-requisite: 9 or more credits from 2000 level Commerce courses)

3. The Academic Matters Committee recommends the addition of Joint Majors to the list of options for a Bachelor of Arts and Bachelor of Science degree, with the following changes to calendar regulations:

- 11.1.2 B.A. and B.Sc. Degree Requirements (*pending MPHEC approval?*)
 - d) One of the following must be completed: a Major plus a Minor; a Double Major; **a Joint Major**; a General degree of three Minors; or the most specialized degree an Honours program. It is also possible for students to design a program of their own. (See Regulations **11.2.12, 11.2.17, 11.3.15 and 11.3.20**)
- 11.2.1 Requirements for a BA degree
 - c) One of the following must be completed: a Major plus a Minor; a Double Major; **a Joint Major**; a General degree of three Minors; or the most specialized degree an Honours program. It is also possible for students to design a program of their own, in consultation with an Academic Dean. (See Regulations 11.2.4, 11.2.6, 11.2.7, 11.2.8, 11.2.12, and 11.2.17)
- 11.3.1 Requirements for a BSc degree
 - d) One of the following must be completed: a Major plus a Minor; a Double Major; **a Joint Major**; a General degree of three Minors; or the most specialized degree an Honours program. It is also possible for students to design a program of their own in consultation with the Academic Dean (See Regulations 11.3.6, 11.3.8, 11.3.9, 11.3.10, 11.3.15 and 11.3.20.)
- (New renumbered)11.2.7 – **Joint Major**
Students who (in lieu of the Minor required in 11.2.4) satisfy the requirements for a Joint Major [see list under 11.2.14 (new) 11.3.17 (new)], will have achieved a B.A. with a Joint Major.
- (New renumbered) 11.3.9 – **Joint Major**
Students who (in lieu of the Minor required in 11.3.4) satisfy the requirements for a Joint Major [see list under 11.2.14 (new) 11.3.17 (new)], will have achieved a B.A. with a Joint Major.
- (New renumbered) **11.2.12, 11.3.15 – Joint Major**
A joint major consists of a selection of courses from two disciplines that have very few, if any, courses that may be counted in common (as under a double Major), that are combined in such a way that while they may not qualify for a complete major in either discipline, there are sufficient courses (normally 42 to 45 credits from each discipline) to qualify for a joint major (maximum 90 credits).
- (New renumbered) 11.2.14 – Joint Majors available for the BA
GeoComputing (*pending MPHEC approval?*)
- (New renumbered) 11.3.17 – Joint Majors available for the BSc (when there are joint majors approved)

Rationale: The department of Mathematics & Computer Science has initiated a proposal for a Joint Major in Geocomputing (Computer Science Plus Geography & Environment), the first of other potential future proposals for ‘Computer Science Plus’ programs. There may be other opportunities for Joint Majors to be developed in lieu of a double Major, in disciplines that have few to no courses that count in common, comprised of roughly three-quarters of the requirements in each Major.

4. **JOINT MAJOR IN GEOCOMPUTING** (pending MPHEC approval?)

- The Academic Matters Committee recommends the following BA Joint Major.

Interdisciplinary B.A. Program

JOINT MAJOR in Geocomputing is 96 90 credits earned as follows:

- 18 from COMP 1631, 1731, 2211, 2611, 2631, 2931**
- 12 from COMP 3611, 3721, 3811, 3851**
- 6 from COMP at the 3/4000 level, chosen in consultation with the CS Program Advisor**
- 6 from MATH 1111, 2221**
- 3 from MATH 1121, 2311**
- 6 from GENV 1201, GENS 1401**
- 6 from GENV 2001, 2101, 3201**
- 9 from GENS 2431, 2441, 4721**
- 3 from GENS 3401, GENV 3701**
- 18 from GENV or GENS, of which at least nine credits must be at 3/4000-level (GENV 3211, 3511 recommended)**
- 3 from GENS 4951, with topic chosen in consultation with the CS and GENS program advisors**

Rationale: Across North America over the past few years, enrolments in computer science courses have increased by an average of 30%; however, the increase is not due to a rise in computer science majors, rather, there is a growing interest for students in other disciplines for a computational thinking approach to problem solving. Stanford University led the way in 2014 by introducing a novel “CS+X” joint major, which offered students the opportunity to complete an interdisciplinary degree in computer science plus an additional discipline from the arts and humanities. Northwestern University followed suit a year later by implementing CS+X degree programs for the sciences.

At Mount Allison we, too, have noticed a significant increase in the demand for our first-year computer science courses. We believe that we have unique opportunity to offer students from all faculties access to computational thinking and literacy that is increasingly ubiquitous in all disciplines of study. To that end, we have collaborated with colleagues in the Faculty of Social Sciences in creating the first new integrated interdisciplinary major for Mount Allison students. The proposal is crafted from existing courses on campus and do not require additional resources.

The first 5 lines of the interdisciplinary major form the CS side of this formula. The selection of courses represents a hybrid of the courses required for the CS component at Stanford and at Northwestern. In particular, essential courses that are relevant across disciplines include database management, ethics in computing and software design.

The GENS and GENV courses in the next 5 lines on the Geocomputing proposal, were selected in consultation with the Department of Geography and the Environment, and reflect the diversity of material that the department felt was complementary to the study of geocomputing.

The proposal includes a final requirement: a senior capstone project intended to integrate both fields and demonstrate an understanding of the synthesis between them.

The proposed interdisciplinary major represents requirements that are several courses shy of a double major. There is significantly less flexibility for the intermediate and senior CS courses, as the intent is to focus on areas that are most relevant to the right-hand side of the “+” equation.

This and future similar CS+ X Joint Major proposals will allow us to help cultivate a new generation of liberal arts and science students whose creativity and adaptability is enhanced by immersion in computational thinking in order to thrive in the digital landscape.

5. GEOGRAPHY AND ENVIRONMENT

The Academic Matters Committee recommends the following changes to the Geography and Environment program:

- the addition of the following new course:

GENS 3431 (3.00 CR)

FUNDY'S MEGATIDAL BIOGEOGRAPHY

Prereq: GENS 1401

This course explores the physical evolution of the Bay of Fundy's landscape through geologic time. It examines the development of terrestrial, intertidal, and marine ecosystems, and considers the anthropogenic influences that have transformed this dynamic environment. It pays close attention to the interaction between the climate, geology, tides, rivers, forests, and biodiversity, through direct observation and measurement in the field, the use of media such as video and photography, and in-class lectures. (Format: Field Course) (Exclusion: GENS 3991-Fundy Mega-Tidal Biogeography)

Rationale: This popular course has been taught twice previously as GENS 3991 Special Topic in Geography and Environment during the spring semester with an enrollment of about 20 students. It builds on the knowledge and relationship that the Department of Geography and Environment technician (B. Phillips) has with Fundy ecosystem and the Fundy Biosphere Reserve. As the course instructor is both a lecturer as well as technician within the department it will be continually offered every year as a spring-session, upper-year science option.

- the following changes in the Major/Minor/Honours program:

MAJOR in Environmental Science is 69 credits earned as follows:

- 6 from GENS 1401, 2411, 2421
- 3 from GENV 1201, 2001, 2101, ANTH 2501, PHIL 1651
- 9 from BIOL 1001, 1501, 2101
- 6 from BIOC 1001, CHEM 1001
- 3 from PHYS 1041, 1051
- 3 from MATH 1111, 1151
- 3 from BIOL 2701, MATH 2311, GENS 2431
- 36 chosen from one of the following Optional Streams listed below.

Aquatic Environments

- 3 from MATH 1121, COMP 1631
- 6 from BIOL 2201, 2301, 2401
- 9 GENS 3461, 3471, 4401
- 18 from GENS 3401, 3411, 3421, **3431**, 3451, 3991, 4421, 4701, BIOL 3111, 3201, 3351, 3361, 3371, 3781*, 3811, 4111*, 4411, 4711, 4371*

Environmental Chemistry

- 3 from MATH 1121
- 6 from CHEM 1021, BIOC 2001
- 6 from CHEM 2111, 2411
- 6 from BIOC 3001, 3031, 3501, 3711, CHEM 3421*
- 15 from BIOC 3501, 3711, 3991, 4151, 4201, CHEM 4521*, GENS 3461, 3471, 4421

Environmental Management

- 3 from MATH 1121, COMP 1631
- 3 from GENS 2441
- 6 from BIOL 2301, 2401
- 9 from GENS 3421, GENS 3401, BIOL 3811
- 15 from ~~from~~ GENS **3431**, 3451, 3461, 3471, 3991, 4421, 4701, BIOL 3301*, 3401*, 3351, 3371, 3451*, 3501*, 3511*, 3651*, 4111*, 4411, 4711

Environmental Modelling

- 9 from MATH 1121, COMP 1631, PHYS 1551
- 6 from GENS 2441, 4721, MATH 2111
- 9 from MATH 3151, 3411, BIOL 4711
- 12 from COMP 3411, 3531, BIOL 3811, 4111, GENS 3401, 3421, 3451, 3461, 3471, 4421, 4701, MATH 3311*, 3321*, 3531, 3991, PHYS 3751

Environmental Monitoring

- 3 from MATH 1121, COMP 1631
- 9 from BIOL 2301, CHEM 1021, 2511
- 3 from GENS 2441
- 9 from GENS 3471, 4401, BIOL 3811
- 12 from GENS, 3401*, 3421*, **3431**, 3451, 3461, 4421, 4701, BIOL 3111, 3301, 3401, 3451, 3501*, 4111, 4711

Rationale: As the Environmental Science Major has an optional stream structure, the proposed GENS 3431 course naturally supports the following field and ecosystem-based streams: Aquatic Environments, Environmental Management, and Environmental Monitoring, and has been inserted as “3431”.

- the following changes to the program description:

Geography and Environment

The Geography and Environment Department offers three degree programs: a B.A. in Geography, a B.A. in Environmental Studies, and a B.Sc. in Environmental Science-, **as well as a B.A. or B.Sc. Minor in Geographic Information Systems.**

The Geography B.A. program is designed for students interested in the study of social sciences at various spatial and temporal scales and leads to the completion of a Minor, Major, or Honours. It is about the study of place and involves understanding the processes that have acted together to shape the complex "place" structures that exist in our world and on our landscape. Such study requires an understanding of the principles of ecological and physical systems; of the cultural, social, economic and political forces acting on those systems; and of the management, planning or scientific tools necessary to meet environmental challenges and opportunities.

The Environmental Studies B.A. program is designed for students interested in the human dimensions of environmental change and problem-solving, including environmental behaviour, management, planning, and policy. It operates as an inter-disciplinary, cross-departmental degree program and leads to the completion of a Minor, Major, or Honours. Studies in this stream address such topics as environmental policy and economics, natural resource management, and environmental ethics.

The Environmental Science B.Sc. program is an interdisciplinary, science-intensive program, requiring comprehensive study of the sciences and mathematics leading to a Major or Honours. Courses in this program provide the strong but diverse scientific foundation required to understand environmental issues

from a multi-disciplinary perspective. ~~In consultation with the co-ordinator, students will complement their program with an in-depth concentration of courses to provide them with a scientific specialty.~~

The Geographic Information Systems (GIS) B.A. or B.Sc. Minor involves the application of computer models to represent spatial features on the earth's surface. The two core GIS courses, combined with courses in Computer Science, provide a valuable foundation in applied spatial analysis.

Rationale: This is a minor edit of the top-level calendar description of the Geography and Environment programs to address an oversight in the previous version, which failed to mention the Geographic Information Systems (GIS) B.A./B.Sc. Minor as a program option. Furthermore, the reference to “consultation with the co-ordinator” has been removed from the Environmental Science paragraph as the program now offers a set of pre-approved optional streams from which students choose courses.

6. MATHEMATICS AND COMPUTER SCIENCE

The Academic Matters Committee recommends the following changes to the Mathematics and Computer Science program:

- the following new courses and corresponding changes to the math honours program:

MATH 4901 (3.00 CR)

HONOURS THESIS I

Prereq: Registered in Honours Math program; fourth-year standing.

This course comprises independent research and study under the direction of one or more supervisors approved by the Department. This first course is typically focused on background research. The student prepares a report on their progress by the end of the term. (Note: consent of supervisor(s) required). (Format: Independent Study/Thesis).

MATH 4911 (3.00 CR)

HONOURS THESIS II

Prereq: MATH 4901, with a grade of at least B required.

This course comprises independent research and study under the direction of one or more supervisors approved by the Department. This second course is typically focused on developing, writing, and presenting the thesis itself. (Note: consent of supervisor(s) required). (Format: Independent Study/Thesis).

B.A. HONOURS in Mathematics is 72 credits earned as follows:

18 from MATH 1111, 1121, 2111, 2121, 2211, 2221

6 from COMP 1631, 1731

6 from MATH 3111, 3211

3 from MATH 3311, 3411

6 from MATH 3011, 4111, 4121, 4221, 4311, 4951, 4991

~~2~~ **15** from MATH at the 3/4000 level

6 from MATH 4901 and MATH 4911, or 6 from MATH at the 3/4000 level

6 from Mathematics or Computer Science at the 3/4000 levels

6 from Computer Science, Economics, or Mathematics at the 2000 level or above, or from COMM 3411, LING 2001, 3001, PHIL 2611, PHIL 3631

B.Sc. HONOURS in Mathematics is 72 credits earned as follows:

18 from MATH 1111, 1121, 2111, 2121, 2211, 2221

6 from COMP 1631, 1731

6 from MATH 3111, 3211

3 from MATH 3311, 3411

6 from MATH 3011, 4111, 4121, 4221, 4311, 4951, 4991

~~21~~ **15** from MATH at the 3/4000 level

6 from MATH 4901 and MATH 4911, or 6 from MATH at the 3/4000 level

6 from Mathematics or Computer Science at the 3/4000 levels

9 from CHEM 1001, 1021; PHYS 1051, 1551

3 from BIOL 1001, BIOL 1501, BIOC 1001, GENS 1401, PSYC 1001 or PSYC 1011

Rationale: Our current honours mathematics programs do not require a thesis. However, a number of students have expressed interest in writing a thesis for their honours. Based on this, and subsequent departmental discussions, we would like to offer students the option of writing a math honours thesis, but not make it a requirement.

In discussion with other departments about their honours theses programs, we have heard that it is helpful to have a formal way to give students feedback during the thesis process itself. Thus, we would also like to have the honours thesis split into two courses, so that students get formal feedback on how they are doing partway through the thesis process, and, if necessary, can switch to another course if they do not achieve the requisite grade in the first course.

(Note that changing 21 credits at the 3/4000 level to 15 at the 3/4000 level and (Honours thesis or 6 at the 3/4000 level) is not strictly necessary (as the Honours thesis courses are at the 3/4000 level). However, this change helps emphasize to students the honours thesis option.)

➤ the following changes to course descriptions:

COMP 1731 (3.00)

PROGRAMMING TECHNIQUES AND ALGORITHMS

Prereq: COMP 1631; or permission of the Department

~~In the context of solving several larger problems, the techniques of topdown problem solving will be emphasized in order to further develop good programming style. Topics include: documentation, debugging and testing, string processing, internal searching and sorting, elementary data structures, recursion and algorithmic analysis.~~ **This course introduces program design techniques and algorithmic thinking using a high-level computer programming language. Topics include: fundamental control structures, elementary data structures, code reuse, basic algorithms, and debugging and testing.** (Format: Lecture 3 Hours, Laboratory 3 Hours)

Rationale: These changes more closely match the content of the course as it is currently taught.

COMP 2211 (3.00)

DISCRETE STRUCTURES

~~This course introduces An introduction to the terminology and concepts of discrete mathematics.~~

Topics include: ~~covering such topics as:~~ logical arguments, proofs and algorithm verification, sets, relations, functions and cardinality of sets, induction and recursion, enumeration, **and** algorithms and complexity. [Note 1: This course is cross-listed with MATH 2211 and may therefore count as three credits in either discipline.] (Format: Lecture 3 Hours)

COMP 2611 (3.00)

DATA STRUCTURES AND ALGORITHMS I

Prereq: COMP 1731; or permission of the Department

This course introduces effective methods of data organization, focussing on data structures and their algorithms via abstract data types with **the** use of recursive procedures. **It explores the design** of flexible file structures and related methods, ~~e.g. such as~~ indexes, system file structures, **and** hashed access, **and it uses emphasizes** object-oriented programming techniques ~~are used in depth~~. (Format: Lecture 3 Hours, Laboratory 3 Hours)

COMP 2631 (3.00)

DATA STRUCTURES AND ALGORITHMS II

Prereq: COMP 2611; or permission of the Department

This course introduces advanced structures for data organization, with an emphasis on associated algorithms and their complexity. Topics include: binary and text file structures, compression, distributed computing, event-driven programming, **and advanced** user interface design. (Format: Lecture 3 Hours, Laboratory 3 Hours)

COMP 3531 (3.00)

SIMULATION AND MODELING

Prereq: MATH 1111; 3 credits from MATH 2311, MATH 3311, PSYC 2001, PSYC 2011; 3 credits from COMP; or permission of the Department

This course introduces ~~An introduction to~~ the simulation technique for studying mathematical models. ~~Specific Topics to be considered~~ include: systems theory and system models, continuous system simulation, discrete system simulation, Monte Carlo methods, random number generators, and simulation languages. **It emphasizes** ~~Emphasis will be placed upon~~ computer implementation of the methods studied. [Note 1: This course is cross-listed with MATH 3531 and may therefore count as three credits in either discipline.] (Format: Lecture 3 Hours)

COMP 3711 (3.00)

PRINCIPLES OF PROGRAMMING LANGUAGES

Prereq: COMP 2631; COMP 2931; or permission of the Department

This course introduces ~~An introduction to~~ the principles of design and implementation of ~~procedural and functional~~ programming languages; ~~modular, object, and logic programming~~. Topics include: language syntax and processors, and semantic models of data and control structures. (Format: Lecture 3 Hours)

COMP 3721 (3.00)

OBJECT-ORIENTED DESIGN AND METHODOLOGY

Prereq: COMP 2631; or permission of the Department

This course continues the introduction to object-oriented programming ~~begun~~ in earlier CS courses, emphasizing further development of algorithms, data structures, software engineering, and the social context of computing. (Format: Lecture 3 Hours, Laboratory 3 Hours)

COMP 4911 (3.00)

COMPUTER NETWORKS

Prereq: COMP 2631; COMP 2931; or permission of the Department

This course introduces ~~An introduction to~~ computer network applications and design. Topics ~~will~~ include: layered models, data transmission protocols, network topology, and security. (Format: Lecture 3 Hours)

COMP 4990 (6.00)

HONOURS THESIS

This course comprises independent research and study under **the** direction of a member of the

Department; for students in the Computer Science Honours program. [Note 1: Consent of supervising staff member and permission of the Department required.] (Format: Independent Study/Thesis)

MATH 2211 (3.00)

DISCRETE STRUCTURES

Prereq: 3 credits from MATH 1111, 1151; or permission of the Department

This course introduces ~~An introduction to~~ the terminology and concepts of discrete mathematics.

Topics include: ~~covering such topics as:~~ logical arguments, proofs and algorithm verification, sets, relations, functions and cardinality of sets, induction and recursion, enumeration, **and** algorithms and complexity. [Note 1: This course is cross-listed with MATH 2211 and may therefore count as three credits in either discipline.] (Format: Lecture 3 Hours)

MATH 2221 (3.00)

LINEAR ALGEBRA

Prereq: 3 credits from MATH 1111, 1151; or permission of the Department

This course introduces ~~An introductory course in~~ linear algebra **and its applications.** ~~covering such~~

~~topics as~~ **Topics include:** linear equations, matrices, determinants, vector spaces, linear transformations, inner products, eigenvalues, and eigenvectors. Whenever possible, **the course provides** ~~concepts are given a~~ geometric interpretation in two- and three-dimensional space. (Format: Lecture 3 Hours)

MATH 3031 (3.00)

HISTORY OF MATHEMATICS

Prereq: 6 credits from MATH 2111, 2121, 2211, 2221; or permission of the Department

This course surveys ~~A survey of~~ the history of ~~M~~ mathematics. Topics include: the achievements of early civilizations, the developments in Europe leading to the calculus and its consequences, the growth of rigor in the ~~18th-eighteenth~~ and ~~19th nineteenth~~ centuries, **and** the axiomatic method in the ~~20th-twentieth~~ century. (Format: Lecture 3 Hours)

MATH 3211 (3.00)

MODERN ALGEBRA I

Prereq: MATH 2211; MATH 2221; or permission of the Department

This course introduces ~~An introduction to~~ the theory of groups and rings. (Format: Lecture 3 Hours)

MATH 3221 (3.00)

ADVANCED LINEAR ALGEBRA

Prereq: MATH 2221; MATH 2211 recommended; or permission of the Department

This course ~~An advanced course linear algebra, covering~~ **covers** selected **linear algebraic** topics ~~from~~ **such as:** change of basis and similarity of matrices; multilinear forms and determinants; canonical forms, Primary Decomposition Theorem, Jordan form; semisimple and normal operators; spectral theory; quadratic forms; **and** applications to **areas such as** geography, electrical networks, linear programming, differential equations, ~~or~~ **and** the geometry of conic sections. (Format: Lecture 3 Hour)

MATH 3231 (3.00)

NUMBER THEORY

Prereq: MATH 2211; or permission of the Department

This course introduces ~~An introductory half-course in~~ the theory of numbers ~~covering such topics~~

~~as~~ **Topics include:** the Euclidean algorithm, **the** Fundamental Theorem of Arithmetic, congruences, diophantine equations, Fermat and Wilson Theorems, quadratic residues, continued fractions, **and the** Prime ~~n~~ **Number T**heorem. (Format: Lecture 3 Hours)

MATH 3531 (3.00)**SIMULATION AND MODELLING**

Prereq: MATH 1111; 3 credits from MATH 2311, MATH 3311, PSYC 2001, PSYC 2011; 3 credits from COMP; or permission of the Department

This course introduces ~~An introduction to~~ the simulation technique for studying mathematical models. ~~Specific titles~~ **Topics** include: systems theory and system models, continuous system simulation, discrete system simulation, Monte Carlo methods, random number generators, and simulation languages. **It emphasizes** ~~Emphasis will be placed upon~~ computer implementation of the methods studied. [Note 1: This course is cross listed as COMP 3531 and may therefore count as three credits in either discipline.] (Format: Lecture 3 Hours)

MATH 4221 (3.00)**MODERN ALGEBRA II**

Prereq: MATH 3211; or permission of the Department

This course explores the classical theory of ~~fields and rings~~ **rings and fields** and their applications. (Format: Lecture 3 Hours)

Rationale: The changes in the coursed listed above reflect compliance with the style guide.

➤ **The following changes to course descriptions and prerequisites:**

MATH 3111 (3.00 CR)

REAL ANALYSIS I

Prereq: ~~MATH 2111~~; **MATH 1121**; MATH 2211; or permission of the Department

This course provides a ~~A~~ systematic and rigorous study of the real numbers and functions of a real variable, emphasizing limits and continuity. (Format: Lecture 3 Hours)

Rationale: The content of Math 2111 is not necessary for Math 3111, but it is necessary in the follow-up courses (MATH 4111 and 4121). Thus, we have moved this prerequisite to those courses instead.

MATH 4111 (3.00 CR)

TOPOLOGY

Prereq: **MATH 2111**; MATH 3111; or permission of the Department

This course introduces **the essential ideas of topology**. **Topics include:** metric and topological spaces, convergence, continuous functions, **connected spaces, compact spaces, and homotopy**. (Format: Lecture 3 hours)

Rationale: The additions to the course description more closely match the content of the course as it is currently taught, and now includes Math 2111 as a pre-requisite (see entry under Math 3111).

MATH 4121 (3.00 CR)

REAL ANALYSIS II

Prereq: **MATH 2111**; MATH 3111; or permission of the Department

This course continues the study of analysis begun in MATH 3111 and includes a rigorous study of the Riemann and Lebesgue integrals based on formal definitions and proofs. (Format: Lecture 3 Hours; Exclusion: Math 3121)

Rationale: See entry under Math 3111.

➤ **The following program changes:**

B.A. MAJOR in Computer Science is 60 credits earned as follows:

- 18 from COMP 1631, 1731, 2211, 2611, 2631, 2931
- ~~12~~ **15** from COMP 3611, 3721, 3911, 4721, **4911**
- 3 from COMP 3361, 3971
- ~~9~~ **6** from Computer Science at the 3/4000 level
- 6 from MATH 1111, 2221
- 3 from MATH 1121, 2311
- 9 from complementary courses in Arts and Letters, Humanities and Social Sciences chosen in consultation with the Program Advisor

B.Sc. MAJOR in Computer Science is 63 credits earned as follows:

- 18 from COMP 1631, 1731, 2211, 2611, 2631, 2931
- ~~12~~ **15** from COMP 3611, 3721, 3911, 4721, **4911**
- 3 from COMP 3361, 3971
- ~~9~~ **6** from Computer Science at the 3/4000 level
- 6 from MATH 1111, 2221
- 6 from MATH 1121, 2311
- 6 from CHEM 1011, PHYS 1051, 1551
- 3 from BIOL 1001, BIOL 1501, BIOC 1001, GENS 1401, PSYC 1001 or PSYC 1011

Rationale: Our recent external review recommended that we make COMP 4911 (Networks) a required course for the Major and Honours. The department agrees, and has made this change by reducing the number of optional credits at the 3/4000 level.

Note: no additional changes need to be made to the B.A. or B.Sc. Honours, as they stipulate that most of the credits should be “as in the B.A./B.Sc. Major”.

7. **COMMERCE**

The Academic Matters Committee recommends approval of the following changes to the Commerce program:

- changes in the admission requirements for the Commerce program in section 3.4.2:

Bachelor of Commerce: University preparatory English ~~and science preparatory Mathematics~~ **are** is required and it is strongly recommended that university preparatory courses in the Humanities, Mathematics, Sciences and the Social Sciences be completed.

Rationale: The requirement for science preparatory Mathematics was implemented several years ago as a means of balancing growth of the Commerce program in relation to the other faculties. Several of our regional competitors do not require either science preparatory or academic Mathematics for admission to their business programs. Only those students pursuing upper level Accounting and Finance courses actually require advanced mathematics for specific elective courses. The present program prerequisites, however, discourage students who wish to focus in the Marketing and Management areas of the program

and which do not require advanced mathematics. As such, eliminating this requirement for our program will greatly enhance our competitive advantage with a wider range of prospective students.

➤ **the following changes in the requirements for a Bachelor of Commerce Degree:**

11.5 BACHELOR OF COMMERCE

11.5.1 Primary Objective

The primary objective of the Mount Allison University Commerce program is to explore with students the nature of the business world, and thus help them acquire ~~administrative~~ **business** knowledge and skills. Studies focus on the process of effective problem solving and decision making in the business environment through the development of management systems which combine quantitative analysis and human judgement. The Commerce program is designed to enable students to take courses in a variety of business subject areas (such as Accounting, Finance, **Management**, Marketing) while completing a Minor in a non-Commerce discipline. The Commerce degree at Mount Allison University is highly flexible, reflecting the diverse business society that students will enter after graduation.

11.5.5 Commerce Degree Core Requirements

The Commerce Degree Core Requirements are 42 credits earned as follows:

27 credits from Commerce **1011, 1411, 2101, 2131, 2201, 2301, 3411, 3501, 4311, 4321**

~~3 credits from Mathematics 1111, 1151~~

6 credits from Economics 1001 and 1011

3 credits in Computer Science or Mathematics* (excluding MATH 1011)

6 credits from ECON 1701 and 2701

OR MATH 2311 and ECON 2701

OR MATH 2311 and 2321

OR PSYC 2001 and 2011

OR SOCI 3301 and 3311

OR WGST 3111 and WGST 3121

OR COMM 3401 and GENV 3701

***Note: MATH 1111 or 1151 is required for Honours in Economics [and recommended for students pursuing the Accounting stream of courses.]**

11.5.8. Elective Credits

The remaining credits beyond those completed to fulfill 11.5.3, 11.5.5, 11.5.6 and 11.5.7 may be from any discipline. ~~No more than 9 credits, or 12 credits with COMM 1011, beyond those included in 11.5.5 and 11.5.6 may be from courses in the Commerce discipline. (A maximum of 60 credits, or 63 credits including COMM 1011, from courses in the Commerce discipline is permitted to count toward the 120 credits required for a Bachelor of Commerce degree.~~

Rationale: The Commerce Department sees no reason to restrict the number of Commerce courses for a Bachelor of Commerce degree. Students completing a BA Major in Commerce have no such restriction. Bachelor of Commerce students gain their breadth in the liberal arts tradition through distribution courses that differ from those under the BA degree, as well as through completion of a Minor in a non-Commerce discipline.

11.5.13 Transferring to Commerce

~~Students with second year standing applying for transfer into the Bachelor of Commerce program must do so by APRIL 15 in the year in which they will have completed at least 54 credits. Exceptions must be approved by the Head of the Commerce Department. To be eligible to transfer to the Bachelor of~~

Commerce, students must meet the following two criteria:

a) the attainment of a CGPA of at least 2.0

b) completion of the following 27 credits:

~~9 credits from Mathematics 1111 or MATH 1151, Economics 1001 and 1011~~

~~3 credits in Computer Science~~

~~15 credits from Commerce 2101, 2131, 2201, 2301, 6 credits from Economics 1701 and 2701 OR~~

~~Mathematics 2311 and Economics 2701 OR Mathematics 2311 and 2321 OR Psychology 2001 and 2011~~

Students applying to transfer into the Bachelor of Commerce program must have completed twelve credits from the following Core courses with grades of at least 'C-': COMM 1011, COMM 1411 or a Computer Science course, ECON 1001 and ECON 1011.

➤ **the following changes in the requirements for the BA Minor and Major:**

Disciplinary B.A. Programs

MINOR in Commerce is 24 credits earned as follows:

9 from the following ~~12 credits: MATH 1111 or 1151, COMM 1011, ECON~~

1001, 1011, and 3 credits **from COMM 1411 OR in a Computer Science course**

15 from Commerce, including at least 6 at the 3/4000 level

MAJOR in Commerce is 60 credits earned as follows:

~~12~~ **15** from COMM **1011**, 2101, 2131, 2201, 2301

3 from **COMM 1411 OR a Computer Science course**

6 from Economics (not including ECON 2701)

~~6~~ from Mathematics (not including MATH 1011)

~~21~~ **24** from Commerce **with at least 21** at the 3/4000 level

12 from complementary courses, chosen in consultation with the Program Advisor

➤ **the deletion of the following courses:**

COMM 3351 - (3.00 CR)

SMALL BUSINESS MANAGEMENT

Rationale: This elective course has not been taught in several years.

COMM 3371 - (3.00 CR)

ISSUES IN BUSINESS AND SOCIETY

Rationale: This course will be replaced by COMM 3391 (3.00) CRITICAL ISSUES IN WORK & EMPLOYMENT which retains the external focus on the impacts and consequences of business decisions, trends and practices for society and workplace stakeholders that were the focus of COMM 3371.

➤ **the addition of the following new courses:**

COMM 1411 - (3.00 CR)

QUANTITATIVE ANALYSIS FOR BUSINESS DECISION MAKING

Prereq or Coreq: First or Second-year standing; or permission of the Department

This course introduces quantitative tools used in business decision making and the conventions and terminologies used in the application of these tools. Topics include: discounting, markups and markdowns, breakeven analysis, interest calculations, and the mathematics of finance. (Forma: Lecture 3 Hours, Tutorial 1 Hour) (Exclusion: Commerce 1991 Quantitative Analysis for Business Decision Making)

Rationale: This course is intended for BComm students and for students interested in a major or minor in Commerce. It is not intended to be a substitute for Computer Science, but rather a “better fit” for students in business studies. The course introduces topics covered in Managerial Accounting, Finance, Marketing and Managerial Science.

This course can be taught by anyone who teaches Management Science, Managerial Accounting or Finance. With this course as a prerequisite, Commerce 3411 Management Science will become an elective and can be taught as one section and, as such, the addition of this course to the Commerce core program will not require any additional faculty resources.

Other calendar entries affected: This course will be a prerequisite for second year Commerce courses as well as for Commerce 3411 Management Science.

COMM 3391 - (3.00 CR)

CRITICAL ISSUES IN WORK AND EMPLOYMENT

Prereq: 6 credits from Social Science; or 3 credits from WGST 1001 or COMM 2311; or permission of the Department

This course examines contemporary issues of differential access to decent quality work. Drawing from critical employment scholarship, this course addresses the meaning and nature of job quality; examines the consequences of poor quality work for individuals, families and society; and considers employer practices, and organizational and structural enablers of differential job/employment quality. It considers issues of precarious and ‘non-standard’ work, emotional and aesthetic labour, harassment in the workplace, and occupational and labour market segregation through an intersectional lens, including issues of gender, race, age, ability, class, and immigration status. [Note: This course is listed as an elective for the Minor in Women’s and Gender Studies] (Format: Seminar 3 Hours) (Exclusion: Commerce 3991 Critical Issues Work & Labour Markets)

Rationale: This course builds on the expertise of our cross-appointed tenure-track faculty member in Commerce and Women’s & Gender Studies, Dr. Rachelle Pascoe-Deslauriers. This course fills a gap in the area of employment studies, looking at the interactions between business and employer practice and the socio-economic institutions, and the impact for different groups of workers. This course was offered in 2017-18 and 2018-19 as COMM3991 and is ready to be included formally as a new course. Dr. Pascoe-Deslauriers will normally teach this course every year, unless rotating to other teaching or on leave. This course adds an interdisciplinary offering to the Commerce teaching, appealing to students with an interest in human resource management and social and employment policy.

Other calendar entries affected: This course replaces COMM 3371 (3.00) Issues in Business and Society, but maintains the external focus on the impacts and consequences of business decisions, trends and practices for society and workplace stakeholders that was present in that course.

Note: This course will be added as an elective to the Minor in Women’s & Gender Studies. As an interdisciplinary course, this course is strengthened by a diversity of academic backgrounds. The prerequisites aim to enable 3rd and 4th year Commerce and/or Women’s and Gender Studies students to take the course, however it is also open and benefited by the engagement from students elsewhere in the social sciences.

COMM 4261 (3.00 CR)

SOCIAL MEDIA MARKETING

Prereq: COMM 2211; or permission of the Department

This course focuses on strategic social media marketing decisions framed within the context of social network structures and group influence. Hands-on experience includes an exploration of data management principles and measurement of the nature and impact of social media strategies. (Format: Lecture/ Experiential 3 Hours)

Rationale: This course reflects an emerging area of study in marketing that is commensurate with an interdisciplinary perspective. The course has been offered twice by Dr. Rosemary Polegato; student response

was positive. Larger programs offer a certificate in social media marketing; Mount Allison students should have access to at least one course in the area. If possible, this course should be labeled as an experiential learning course.

COMM 4381 - (3.00 CR)

BUSINESS OF AVIATION

Prereq: Third year standing; or permission of the Department

This course explores a range of issues in the aviation industry in which decision making has to balance strategic and tactical thinking against moral and ethical implications under constraints of time. [Note: This course is only available to students in the Bachelor of Commerce, BA Major in Commerce or BSc Major in Aviation] (Format: Lectures, case studies, field trips, 3 Hours) (Exclusion: Commerce 4991 Business of Aviation; Commerce 4991 Aviation Management)

Rationale: This course is the first aviation-specific course to be added to the Commerce program in conjunction with the introduction of the Commerce with Aviation Management specialization. The course will be taught annually via stipendiary appointment and will be open to BCOMM, BA (COMM Major) and BSC (Aviation).

COMM 4391- (3.00 CR)

OCCUPATIONAL HEALTH AND SAFETY

Prereq: COMM 3321; or permission of the Department

The course focuses on prevention of illness, disease, health problems, and injuries in the work environment. Topics include: relevant legislation, occupational hazards, workplace safety climate, the etiology of job stress, and preventative health and safety interventions. The course is designed to encourage the application of psychological principles that influence employee health and safety in the workplace. (Format: Seminar 3 Hours) (Exclusion: Commerce 4991 Occupational Health and Safety)

Rationale: This course has been taught as a special topics course twice and the department anticipates offering this course as a Commerce elective each year in the winter term. It fills a gap in the department's course offerings as this course will cover research and best practices regarding workplace health and safety in organizations. The department is currently exploring the Chartered Professionals in Human Resources (CPHR) accreditation process. Students pursuing the CPHR designation may be able to waive the National Knowledge Exam (NKE) if they complete an accredited degree that is aligned to the competencies (CPHR Functional Knowledge Areas). The proposed course is designed to align with the Health, Wellness, and Safe Workplace functional knowledge area. The department does not anticipate any budget implications for the addition of this course.

➤ **the following changes to course prerequisites, course descriptions and/or titles:**

COMM 2101 (3.00 CR)

INTRODUCTORY FINANCIAL ACCOUNTING I

Prereq: ~~9 credits from COMM 1011; 3 credits from COMM 1411 or a Computer Science course;~~ ECON 1001; ECON 1011, ~~MATH 1111 or 1151, 3 credits from COMP;~~ or permission of the Department

This course introduces the accounting model and analysis of Financial Statements and the important concepts associated with them. (Format: Lecture/Problem Based Learning 3 Hours) (Exclusion: COMM 1111)

COMM 2201 (3.00 CR)

FUNDAMENTALS OF MARKETING

Prereq: ~~9 credits from COMM 1011; 3 credits from COMM 1411 or a Computer Science course;~~ ECON 1001; ECON 1011, ~~MATH 1111 or 1151, 3 credits from COMP;~~ or permission of the Department

~~A consumer orientation is essential for effective marketing decision making. In this course,~~ This course stresses the meaning of products and services to the consumer ~~is stressed recognizing that a consumer orientation is essential for effective decision making.~~ Students have the opportunity to develop fundamental skills in analysis, report writing, and presentations. (Format: Lecture/Discussion 3 Hours)

COMM 2301 (3.00 CR)
ORGANIZATIONAL BEHAVIOUR I

Prereq: ~~9 credits from COMM 1011; 3 credits from COMM 1411 or a Computer Science course;~~ ECON 1001; ECON 1011, MATH 1111 or 1151, ~~3 credits from COMP;~~ or permission of the Department
This course focuses on the micro aspects of organizational behaviour. It emphasizes human needs, motivation, perception, individual differences, personality, job design, work attitudes, performance appraisal, and stress management. The objective is to ensure that potential managers interact more effectively with subordinates, peers, and superiors in the organizational setting. ~~Teaching methodology includes lectures, discussions, and case analysis.~~ (Format: Case\Discussion\Lecture 3 Hours)

Rationale: The addition of COMM 1011 and 1411 as prerequisites recognizes their addition to the Commerce Core program. Three credits in COMP are no longer prerequisites but are optional for the Commerce core program and offering the choice of either COMM 1411 or 3 credits from Computer Science as pre-requisite provides some flexibility.

COMM 3131 (3.00 CR)
COST ACCOUNTING

Prereq: **COMM 2121**; COMM 2131; or permission of the Department
This course studies ~~A study of~~ the principles, procedures and techniques of analysis used in cost accounting. ~~This course will cover~~ **Topics include:** operating budgets, product costing, predetermined costs, planning and control, relevant costs, and variance analysis. (Format: Lecture/Problem Based Learning 3 Hours)

Rationale: COMM 3131 is a third year accounting course, and exposure to all the second year accounting courses is necessary. The course material assumes a solid grounding in financial accounting, and financial accounting is not reviewed in this course. The two terms of financial accounting is therefore advisable.

COMM 3321- (3.00 CR)
HUMAN RESOURCES MANAGEMENT

Prereq: ~~COMM 2301~~ **2311**; or permission of the Department
This course examines human resource management functions in formal organizations, both public and private. ~~Topics covered include:~~ human resource planning, recruitment, selection, performance appraisal and employment equity; training and development; compensation systems and the management of employee benefits; and the role of the human resource manager. (Format: Lecture 3 Hours)

Rationale: COMM 2311 Organizational Behaviour II course examines concepts (i.e., leadership, organizational climate, organizational change, team dynamics, etc) that serve as the foundation for topics explored in the Human Resources Management course. COMM 2311 is not a required core course in the program and occasionally students may register for COMM 3321 without the necessary foundational concepts. Changing the pre-requisite course to COMM 2311 will ensure that all students are adequately prepared for the Human Resources Management course. The proposed pre-requisite course is delivered annually in the second term of the second year of the Commerce program.

COMM 3411 (3.00 CR)
MANAGEMENT SCIENCE

Prereq: **3 credits from COMM 1411**; 3 credits from MATH 1111, 1151; 3 credits from MATH 2321, ECON 2701, PSYC 2011; 3 credits from ~~COMP~~ **a Computer Science course**; or permission of the Department
This course examines formalized methods of arriving at business decisions. **Topics may include:** ~~will be selected from, but not limited to,~~ constrained optimization models, decision models, game theory, network models, forecasting, and dynamic programming. [Note 1: Counts as an Economics elective for students taking a Major, Minor or Honours in Economics.] (Format: Lecture 3 Hours) (Exclusion: Any version of COMM 3411 previously offered with a different title).

Rationale: The addition of COMM 1411 as a prerequisite recognizes its addition to the Commerce Core.

COMM 4351 (3.00 CR)

LEADERSHIP IN ORGANIZATIONS

Prereq: ~~6- 3~~ credits from COMM ~~2311, 3321, 3341~~; or permission of the Department

This course explores the relationship between leadership and key organizational issues and examines how the construct of leadership is enacted across organizations in the private, public, and not-for-profit sectors. It explores various theories of leadership, both classic and contemporary, as well as the evolution of leadership theory over time and its application in practice. Topics include: character, values, power and influence, gender and culture, organizational relationships, decision-making and problem solving, and management of organizational change. (Format: Seminar 3 Hours) (Exclusions: COMM 4991 Leadership; COMM 4991 Leadership in Organizations)

Rationale: COMM 2311 is a pre-requisite for both COMM 3321 and 3341. As such, it does not need to be listed as pre-requisite

COMM 4361 (3.00 CR)

PEOPLE SKILLS IN ~~COMPANIES~~ ORGANIZATIONS

Prereq: ~~6- 3~~ credits from ~~COMM 2101, 2201, 2301~~ **COMM 3321, 3341**; or permission of the Department

This course offers a theoretical and practical approach to interpersonal skills in business. Topics **may** include: interpersonal skills, teamwork, innovation, emotional intelligence, deep listening, real brainstorming, self-knowledge, trust, and the receipt of feedback. (Format: Case Discussion/Lecture 3 Hours) (Exclusions: COMM 4991 People Skills in Companies; COMM 4991 People Skills)

Rationale: The proposed prerequisites are aligned with those for COMM 4351. Both are fourth year management electives that build on earlier courses in organizational theory and human resources management.

COMM 3211 (3.00 CR)

CONSUMER BEHAVIOUR

Prereq: COMM 2211; or permission of the Department

~~This course examines social, psychological, situational, and economic influences on the consumer decision-making process of individuals and families. It emphasizes new product adoption, marketing communications, and consumer research applications.~~ **is an interdisciplinary investigation of the consumer decision-making process of individuals and groups. It examines the role of information processing, situational influences, and the marketing environment in the selection, purchase, use, and disposal of products, services, ideas, and experiences. It considers emerging ethical and technological issues.** (Format: Lecture/Application 3 Hours)

Rationale: This description reflects a contemporary perspective on consumer behaviour. For example, it acknowledges that consumers select a broad array of goods in addition to tangible products and that they are influenced by social, cultural, and environmental factors.

COMM 3251 (3.00)

~~INTERNATIONAL~~ GLOBAL MARKETING

Prereq: COMM 2211; or permission of the Department

~~Markets are becoming increasingly global. This course explores managerial aspects of exporting and importing companies, multi-national firms, and small to large businesses serving global markets.~~ **marketing activities across geographic, political, and cultural boundaries. Decision analysis focuses on environmental factors, cross-cultural sensitivity, and adaptive strategies. It considers a diverse set of business structures.** (Format: Lecture/Case Study 3 Hours) (**Exclusion: Any version of COMM 3251 previously offered with a different title**)

Rationale: This description reflects a contemporary perspective on international marketing – now more commonly referred to as global marketing. For example, emphasis is placed on intercultural competence and the diversity of business structures that can operate successfully in a global marketing environment.

COMM 3271 (3.00)

ARTS AND CULTURE MARKETING

Prereq: COMM 2211; or permission of the Department

This course examines the appropriate application of marketing management concepts and frameworks to arts and culture. Students gain ~~familiarity~~ **hands-on experience** with ~~research issues and experience in identifying and resolving~~ **related to the identification and resolution of** marketing problems in the arts and culture sector.

[Note 1: ~~Bachelor of Fine Arts or Bachelor of Music students~~ **Students enrolled in Drama, Fine Arts, or Music programs who are already doing 3/4000 level work in their own field will be admitted to this course.**] (Format: ~~Lecture-Seminar~~ 3 Hours) (~~Exclusion: COMM 4241 if taken in Winter 2005 or Fall 2006~~)

Rationale: This description is changed slightly for clarity. If possible, it should be labeled as an experiential learning course because the course includes the annual Culture Days Project for which students develop and implement a program featuring arts and culture with 10 downtown businesses. “Note 1” reflects past practice that has required special approval; each year, students in the creative arts degree programs are granted permission to register in this course. COMM 3271 is listed in the Drama core, in the Major for Drama, as a general Music elective, and as a Canadian Studies elective.

COMM 4241 (3.00)

CURRENT CHALLENGES IN MARKETING

Prereq: Fourth-year standing; 6 credits from the 3200/4200 series; or permission of the Department

This course addresses emerging issues in marketing decision-making. Topics may include: recent research related to buyer behaviour, ~~multidimensional scaling for positioning strategies,~~ **marketing analytics, sustainable marketing,** marketing mistakes and controversies, ~~advertising research issues, pricing policy issues, distribution problems, product development issues,~~ and social marketing approaches. [Note 1: ~~This course is open only to students in the Bachelor of Commerce Program.~~] (Format: Lecture/Seminar 3 Hours)

Rationale: This description is changed slightly to reflect contemporary issues.

COMM 4301 (3.00)

ARTS AND CULTURE MANAGEMENT

Prereq: Third-year standing **in the Bachelor of Commerce or Bachelor of Arts with a Major or Minor in Commerce;** or permission of the Department

This course ~~explores~~ **examines** the unique factors that affect management decisions in the arts and culture sector, such as **governance, organizational structure, community engagement,** public pressure for accountability, fundraising needs and the desire of nations to develop the sector. **It takes an** ~~an~~ interdisciplinary, applied approach ~~is taken~~ to resolving management issues in a broad range of arts and culture organizations including art galleries, museums and performing arts ~~series programs.~~ [Note 1: ~~This course is open only to students in the Commerce Program.~~ **Note 1: Students enrolled in Drama, Fine Arts or Music programs who are already doing 3/4000 level work in their own field will be admitted to this course.**] (Format: Lecture/Case Study 3 Hours)

Rationale: This description is changed slightly to reflect emphasis on specific factors that affect decision making in a unique way in the arts and culture sector. “Note 1” reflects past practice that has required special approval; each year, students in the creative arts degree programs are granted permission to register in this course.

COMM 4101 (3.00)

~~ADVANCED ACCOUNTING-I~~ **ADVANCED TOPICS IN ACCOUNTANCY**

Prereq: COMM 3121; or permission of the Department

This course concentrates on advanced accounting theory and relates it to the business realities. ~~this theory reflects.~~ Topics ~~will~~ **may** include: **standard setting,** partnerships, government and not-for-profit accounting, corporate liquidation and bankruptcies, ~~price level and current value accounting,~~ **and** trusts and estates, ~~and standard setting.~~ (Format: Lecture 3 Hours) (~~Exclusion: COMM 4121; any version of COMM 4101 previously offered with a different title~~)

Rationale: This course, currently called Advanced Accounting I, has traditionally been offered in second term. Another of our courses with a similar sounding name, Advanced Accounting II - COMM 4131, has been consistently offered in the fall term. This has been the subject of some confusion for both students and instructors. For example, the question is asked as to “Why do I take Advanced One after I have completed Advanced Two?” “Or if Advanced One is a prerequisite for Advanced Two, must I get permission to take it in my third year so I will be ready for Advanced Two in the fall of my fourth year?” The courses are not related to each other, and, Advanced One is not a prerequisite for Advanced Two. But, confusion persists. For clarification, it would be better to change the name of Advanced One to reflect the nature of the course: that is, it covers a number of advanced topics in specialized areas of the discipline that our accounting students have had little exposure to until they enter this course in their final term at Mount Allison University. The reason for removing the term “price level and current value accounting” is that these terms are artifacts of accounting pronouncements of the high-inflationary times of the 1970s and 1980s. Given the removal of the associated guidance from the accounting standards quite some time ago, reference to the topic should be removed from the university calendar.

COMM 4131 (3.00)

~~ADVANCED ACCOUNTING II~~ **ADVANCED ACCOUNTING**

Prereq: COMM 3121; or permission of the Department

This course provides an~~An~~ introduction to business combinations, consolidated financial statements, joint ventures, and accounting for transactions and operations conducted in foreign currencies. (Format: Lecture/~~Online Project~~ **Case studies** 3 Hours) (**Exclusion: any version of COMM 4131 previously offered with a different title**)

Rationale:

Since the prior recommendation, if accepted, replaces the course name Advanced Accounting I, the “II” is no longer necessary. The course is simply “Advanced Accounting”.

Report of the Committee on the Composition of Senate

December 6, 2018

As part of a larger ongoing process of indigenization at Mount Allison and in response to faculty and student requests for indigenous representation on various fora, the University Senate, in May 2018, authorized the formation of a committee (The Committee on the Composition of Senate) to examine the composition of Senate and to solicit opinions on including indigenous representation on that body. The committee was duly formed and comprised of the following members:

Craig Brett, Economics – Chair

Patty Musgrave, Indigenous Student Adviser

Owen Griffiths, History

Dave Mawhinney, Library

Noah Fry, MASU

The committee's terms of reference (as adopted by Senate on May 10, 2018) are as follows:

- (a) The Committee will accumulate relevant information and consult with the Mount Allison community and neighbouring Indigenous communities on the desirability and/or efficacy of making changes to the composition of the Mount Allison Senate.*
- (b) The Committee will present its final written report, including any recommended changes to the composition of Senate, no later than the end of 2018.*

The committee met three times between September 5, 2018 and October 30, 2018. At the first meeting, the committee unanimously agreed to solicit input from university faculty. This was sent out via email September 10th with a reply deadline of October 9th. A reminder of the deadline was also sent via email on September 18th. The committee received two responses to that email. In addition, the committee received a position paper from MASU on the question of indigenous student representation. The student position was prepared in consultation with the Indigenous Student Support Group.

In addition to written feedback, the committee held discussions with the Secretary of the Board of Regents, Robert Inglis. Committee members also consulted with the Indigenous Advisory Council and the Director of Drama.

The committee unanimously agreed to recommend that one person appointed by the Indigenous Advisory Committee be added to the composition of Senate, and that the number of students on Senate be raised by one, from 6 to 7, to include an indigenous student. A number of other minor changes are also recommended, details of which are in the motion below.

Motion (O. Griffiths/N. Verret): that Senate recommend to the Board of Regents that the By-Laws of the University be amended in the following way.

COMPOSITION OF THE SENATE

20. (1) The Senate shall be composed of the following voting members:

- (a) the Chancellor;
- (b) the President, who shall be chair;
- (c) the Vice-President (Academic and Research), who shall be vice-chair;
- (d) the Academic Deans, including any Associate and/or Assistant Deans;
- (e) the University Librarian and the Registrar, ~~and the Director of Continuous Learning;~~
- (f) the Directors, or designates, of academic programs with eponymous courses; the Canadian Studies, Biochemistry, International Relations, and Women's Studies programs;
- (g) the two elected members of the Faculty Council Executive and the Secretary of the Senate;
- (h) one full-time faculty member from each academic department elected or appointed in accordance with section 21(1) below;
 - ~~(i) one full-time faculty member from the Drama Program; elected in accordance with section 21(2) below;~~
 - (i)(j) six full-time faculty members or full-time librarians at large elected in accordance with section 21(~~2~~3) below;
 - (j)(k) one full-time librarian appointed by the Library Council;
 - (k)(l) ~~seven six~~ full-time students appointed by the Students' Union, including one indigenous student;
 - (l)(m) two persons appointed by the Board of Regents; ~~and~~
 - (m)(n) one person appointed by the Mount Allison Federated Alumni; and
 - (n) one person appointed by the Indigenous Advisory Circle.

(2) The following shall be nonvoting members:

Academic and/or administrative officers who are designated by the President;

the President of the Students' Union; and

one Vice-President of the Students' Union appointed by the ~~Students' Administrative Council~~ Students' Union.

ELECTIONS AND APPOINTMENTS

21. (1) The members under Section 20(1)(h) shall be elected by the full-time faculty members in their departments. However, in the event of a voting deadlock which cannot be resolved within a department, the member shall be appointed by the Vice-President (Academic) in consultation with the fulltime faculty members of the department.

~~(2) The member under Section 20(1)(i) shall be elected by those full-time faculty members who teach at least one course in the Interdisciplinary Program in Drama.~~

~~(2)~~³ The members under Section 20(1)(~~ij~~) shall be elected by full-time faculty members and full-time librarians. Two shall be elected each year. At any one time there shall be at least one member under Section 20(1)(j) from each Faculty.

VOTING

25. (1) Questions arising at any meeting of the Senate shall be decided by a majority of the votes cast. The chair shall not vote except to break a tie.

(2) A Board, department, program, library, or student representative may designate an alternate to attend and fully participate in a meeting as if the alternate were a member, written notice from the representative having been received by the Secretary of Senate. ~~Except in the case of students, a~~ An alternate must be from the constituency represented. ~~In the case of students an alternate must be from the ranks of the Students' Administrative Council Executive.~~

**Mount Allison University
Scholarships and Bursaries Committee**

Report to Senate November 2018

The terms of reference for the Scholarships and Bursaries Committee can be found at:
[http://mta.ca/Community/Governance_and_admin/Governance/Senate/Senate_committees/Scholarships and Bursaries Committee/Scholarships and Bursaries Committee/](http://mta.ca/Community/Governance_and_admin/Governance/Senate/Senate_committees/Scholarships_and_Bursaries_Committee/Scholarships_and_Bursaries_Committee/)

The members of the Scholarships and Bursaries Committee are J. Ollerhead (chair), M. Ahmady, C. Quint, J. Kurek, R. Majithia, and Laren Bedgood (student). M. Thistle serves as an ex-officio member of the Committee.

The Scholarships and Bursaries Committee met on October 25, 2018 to review its terms of reference and the MASU Position Paper on Scholarships and Bursaries.

The administration of scholarships and bursaries is a business process that is tweaked at times. The general criteria for awarding scholarships has not changed since 2015 and the allocation continues to be based on endowment and operating fund availability to meet the commitment to entrance scholarships and renewal. The administration of scholarships and bursaries is the responsibility of the VP International and Student Affairs.

At its October 25, 2018 meeting, the Committee decided to discuss two issues at its next meeting:

- i) Whether students should be able to appeal falling short of the 3.7 GPA requirement to maintain an entrance scholarship on the basis of extraordinary contributions in the areas of extracurricular activities and/or experiential learning?
- ii) Whether students should be able to count courses taken during the Spring/Summer term toward the requirement to carry a full course load to maintain an entrance scholarship. It was noted that students with an approved accommodation plan for a disability may now be taking a reduced course load, which does not impact eligibility to renew their entrance scholarship.

Respectfully submitted,



Jeff Ollerhead, PhD. PGeo.
Provost & Vice-President, Academic & Research

Mount Allison University

Senate Academic Information Technology Committee Report to Senate – December 2018

The terms of reference for the Senate Academic IT Committee are on our website. Current membership is: J. Ollerhead (chair), L. Keliher, R. Majithia, J. Kurek, A. LePage, J. Gillis, T. Roberts and students N. Verret and K. Wilock.

The Academic Information Technology Committee met on March 21 and October 3, 2018. In keeping with the practice in place since October 1, 2007, the Senate Academic Information Technology Committee met jointly with the IT Steering Committee on the following dates: April 11 and October 17, 2018.

In the spring the Committee discussed the cost of adopting a university-wide survey platform, and software for statistics. In the fall the Committee reviewed the migration to Office 365 and renewal (inventory management) of computers.

Respectfully submitted,



Jeff Ollerhead
Provost & Vice-President, Academic & Research

Faculty Council Report to Senate
28 November 2018

At its 27 November 2018 meeting, which achieved quorum, Faculty Council members contributed to a lively discussion about the mission and purpose of Faculty Council. The body's executive committee, after receiving an inordinately large number of agenda items, questioned the suitability of this body to provide a venue for consultation and education when town halls offer a more inclusive way of achieving these two objectives. Members in general agreed that revisiting the purpose of Faculty Council should be undertaken, particularly because the terms of reference of Faculty Council as stated in the university's bylaws contain outdated language that must be addressed. It was determined that the executive committee should consult the membership, possibly through the mechanism of department meetings, about faculty's engagement with this body and to envision other ways that Faculty Council could serve the faculty.

Members also discussed the adoption of certificates. Some members voiced concern about the possibility that existing programmes might have resources taken away from them in order to address increased demand for certificates. Other members saw the benefit of offering this form of credential and commented that offering certificates with a skills-related component will make the university more attractive to students who may choose to pursue college-level studies rather than university-level studies. E. Wells advised members that the process for introducing certificates was being formulated and that proposals for certificates were already in development. Members were encouraged to consider proposing a certificate.

Finally, J. Ollerhead led an engaging discussion about the creation of new units and degree programmes. Members pointed to resource-related barriers to creating new programmes while other members believed existing resources could allow for programme innovation. It was proposed that demonstrating demand would lead to resources being allocated to a programme and some members emphasized the importance of developing interdisciplinary programmes. A. Cockshutt observed that any new programmes should be attractive to students and K. Meade encouraged members to meditate on the possibility of creating new programmes that directly respond to labour needs for the future as well as student interest.

Respectfully submitted,

Lauren Beck,
Secretary of Faculty Council