MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

November 3, 2020, 4:00 p.m.
via Microsoft Teams

Present via Remote Connection: K. Bell, L. Bidder, JP. Boudreau (Chair) A. Beverley, C. Brett (Secretary), K. Bubar, C. Burke, B. Clayton, A. Cockshutt, M. Cormier, J. Dryden, E. Edson, B. Evans, A. Fancy, S. Fanning, N. Farooqi, J. Ferguson, A. Grant, D. Hamilton, L-D, Hamilton, M. Hamilton, K. Hele, J. Hennessy (Vice-Chair), C. Ionescu, G. Jollymore, J. Kalyn, D. Keeping, L. Kern, A. Koval, R. Lapp, A. Lepage, M. Levesque, D. Lieske, M. Litvak, C. Lovekin, K. Morse, J. Mullen, C. O'Neal, G. Ouellette, L. Pearse, C. Roberts, B. Robertson, N. Robinson, V. St. Pierre, E. Steuter, E. Stregger, S. Tobin, J. Tomes, C. VanBeselaere, N. Vogan, W. Wilson

Regrets: P. Berry, F. Black, R. Inglis, K. Meade, A. Whiteway

Observers: A. Comfort, L. Decker Hawthorne, R. Hiscock

01.11.03 Land Acknowledgement

JP. Boudreau reminded Senate that Mount Allison is situated on the unceded Mi'kmaq land. He asked that senators respect and engage in Indigenous ways of knowing, teaching, and relating, especially during the pandemic and in light of recent events in Nova Scotia.

02.11.03 Approval of the Agenda

Motion (M. Litvak/C. Lovekin): that Senate adopt the Agenda as circulated.

Motion Carried

03.11.03 Approval of the Senate Minutes of September 15, 2020

Motion (N. Farooqi/S. Tobin): that Senate adopt the Minutes of the meeting of October 13, 2020.

Motion Carried

04.11.03 Business Arising from the Minutes

There was no business arising.

05.11.03 Report from the Chair

JP. Boudreau started with an update on health, wellness, and COVID-19. He noted the level of anxiety associated with COVID-19 and thanked everyone for their continued commitment to safety protocols. He noted that plans additional support and options for residence during the holidays are ongoing, as are preparations for the start of the Winter 2021 residence intake. The President also noted that the university continues to advocate for enhanced access to COVID-19 testing. He congratulated A. Comfort for organizing a flu clinic that delivered 646 inoculations.

With the 2020-21 budget due for consideration by the Board of Regents on November 6, the President took the opportunity to congratulate recruiters and professors who helped keep enrollment at reasonable levels, thereby avoiding the most dire financial forecasts for the year. JP. Boudreau noted that much of the 2020-21 deficit is due to COVID-related costs, and the university continues to lobby for financial relief. The President informed Senate that attention will now turn to the 2021-22 budget, with hopes of added focus on sustainability and growth.

JP. Boudreau then updated Senate on mid-semester check-in initiatives. He noted that approximately 600 students had completed a survey of their experiences, while approximately 100 faculty members had completed a different survey. A staff survey will be administered soon. He thanked members of the Psychology Department for helping with survey design and analysis. The results of those surveys will be combined with feedback collected at the October 21 Town Hall to inform decision going forwarded. The President noted recurring concerns around mental health, workload, technology, and social connection.

The President announced that the university will be holding a Remembrance Day ceremony, with details to be announced on November 6.

JP. Boudreau informed Senate that the Vice-President, International and Student Affairs, Kim Meade, is stepping down. She had agreed to stay beyond the expiry of her term in July 2020. K. Meade will continue to give advice on the search process for the new Vice-President. That search is underway, with an appointment expected on July 1, 2021. Consultation regarding an interim Vice-President is underway. The President thanked K. Meade for her exception service and support to students. Senate showed its appreciation with a round of applause.

06.11.03 Report from the University Planning Committee

J. Hennessy gave a verbal report to Senate. The Provost informed Senate that the committee has received twenty proposals for new positions, including seven with an Indigenous component. He noted that the committee met with departmental proponents. J. Hennessy thanked K. Hele for his work on the Indigenous-themed proposals and K. Bubar for attending the committee meetings. The Provost noted that the committee hopes to finalize its recommendations soon.

JP. Boudreau thanked the committee for their work and thanked Faculty Council for opening discussion on indigenization.

09.11.03 Report from the Academic Matters Committee

N. Farooqi gave the report (appended to these minutes), which consisted of the following motions.

Motion (N. Farooqi/S. Tobin): that Senate approve the changes in courses and programs in Geography and Environment as listed in the Report to Senate, November 3, 2020.

Motion Carried

B. Clayton asked why some Religious Studies included in the Minor in Environmental Studies were not listed in the major. D. Lieske hypothesized, and C. O'Neal confirmed that, the courses in question are part of streams within the major that are not affected by the proposed changes. Thus, the courses remain part of the major.

M. Hamilton asked whether the proposed cross-listed GENV/GENS courses would count as Science courses. D. Lieske answered that they would, and that the proposal had been reviewed by Heads of Sciences and Heads of Social Sciences. Citing the example of fisheries management, noted that the courses in question are policy courses that deal with science-related themes.

Motion (N. Farooqi/S. Tobin): that Senate approve the creation of programs in Biopsychology as detailed in the Report to Senate, November 3, 2020.

Motion Carried

C. Burke noted that the proposed Honours program has 87 required credits, which is an unusually large number. J. Tomes agreed, but noted that all the requirements, including the statistics requirement, seem appropriate. D. Hamilton noted that the Honours in Biopsychology contains twelve credits more than the Major in Biopsychology, a difference which is common to many Honours-Majors pairings.

Motion (N. Farooqi/V. St. Pierre): that Senate approve changes in Visual and Material Cultures program as listed in the Report to Senate, November 3, 2020.

Motion Carried

Motion (N. Farooqi/V. St. Pierre): that Senate approve changes in Cognitive Science program as listed in the Report to Senate, November 3, 2020.

Motion Carried

J. Dryden noted that there is also a B.A. in Cognitive Science, which creates the possibility that a student may undertake a thesis on a topic from linguistics or philosophy. She asked whether this would be permissible. J. Tomes noted that permission of the program coordinator is required, and that this serves a way to ensure that a thesis topic is suitable for a B.Sc.

Motion (N. Farooqi/A. Cockshutt): that Senate approve changes in Biopsychology Certificate as listed in the Report to Senate, November 3, 2020.

Motion Carried

08.11.03 Changes to Policy 5901 on Academic Program Development

Motion (J. Hennessy/A. Cockshutt) that Senate replace Policy #5901 *Process for Adding and Deleting Academic Programs* with a new Policy #5901 – *New Academic Program Development*, as circulated.

Motion Carried, as amended below

The unamended text of the proposed policy is appended to these minutes.

Motion (V. St. Pierre/N. Farooqi) that the proposed policy be amended so that Section III, paragraph 2 reads

> This process will necessitate consultation with the Library, Computing Services, The Registrar's Office, The Owens Art Gallery, and the appropriate Faculty Dean.

Motion Carried

V. St. Pierre argued that the amendment, which added The Owens Art Gallery to the list of consultees, was consistent with the requirement to consider resource implications.

J. Hennessy thanked L. Decker-Hawthorne for her work in drafting the new policy, and acknowledged the many comments received by Deans, Faculty Council, and the President's Cabinet.

JP. Boudreau expresses a preference for the new policy over the previous one and invited the creation of new programs under the newly approved policy.

09.11.03 Reports for Information

Senate received the following report (appended to these minutes).

- the Admissions and Re-admissions Committee
- the Re-admissions Appeals Committee

C. Brett also reported that the Late Granting of Degrees Committee did not meet because there were no students whose circumstances required it to meet.

10.11.03 Other Business

There was no other business.

11.11.03 Adjournment

There being no further business or announcements, the meeting adjourned at 5:05 pm.

Respectfully submitted,

Craig Brett
Secretary

MOUNT ALLISON UNIVERSITY
MEETING OF THE UNIVERSITY SENATE

November 3, 2020, 4:00 p.m.

via Microsoft Teams

Appendices to the Minutes

- Report from the Academic Matters Committee
- New Policy 5901: New Academic Program Development
- Report from the Admissions and Re-admissions Committee
- Report from the Re-admissions Appeals Committee

Academic Matters Committee

Report for Senate, November 3, 2020

This report contains recommendations for the changes to academic regulations and academic programs effective under the 2021- 2022 academic calendar, unless otherwise indicated:

1- Geography & Environment
2- Biopsychology
3- Visual & Material Culture
4- Section 11.3.12 -Cognitive Science
5- Biopsychology

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

1. Geography & Environment

The following changes to the Department of Geography and Environment are recommended for the 2021-2022 academic calendar:

- The deletion of courses
  - GENS 3451 Earth System Science
  - GENS 3461 Oceanography

- The cross-listing of existing courses
  - GENV 2101/ **GENS 2101** Natural Resources Management
  - GENV 3101/ **GENS 3101** Environmental Conservation in the Global South
  - GENV 3201/ **GENS 3201** Canadian Environmental Policy
  - GENS 4421/ **GENV 4421** Seminar in Environment

- Changes to course titles, descriptions, and prerequisites
  - GENV 2101 Natural Resources Management
  - GENV 3101 Environment and Development
  - GENV 3201 Canadian Environmental Policy
  - GENS 3471/BIOL 3471 Limnology
  - GENS 4401 Biomonitoring Methods
  - GENS 4421 Seminar in Environmental Science

- Changes in Program Requirements (Major/Minor/Honours)
  - Environmental Science
  - Environmental Studies

The deletion of courses:

  - GENS 3451 Earth System Science
  - GENS 3461 Oceanography

Rationale: *Both courses were taught by Z. Finkel and, after two submissions to Planning, we have been unable to secure a tenure-track replacement with the necessary expertise to teach these courses. The long-*

term prospects for offering these two courses are dim at best. In accordance with the principle of 'truth in advertising' we recommend that these courses be removed from the calendar.

Other calendar entries affected: Oceanography (GENS 3461) appears as an option in the Biology Major and Minor.

The cross-listing of existing courses:

GENV 2101/ **GENS 2101** Natural Resources Management

Rationale:
Following recommendations from the Department's external review (29th November 2019) to enhance interdisciplinary cross-over in our program offerings, particularly as it pertains to management and environmental policy-related themes of benefit to environmental science students, this course constitutes a 'GENS'-version of GENV 2101 Natural Resources Management. GENV 2101 has been offered for many years, and by offering a science-equivalent, will improve the educational breadth of Environmental Science without burdening the Department with significant new resource demands. The cross-listing is anticipated to lead to higher enrollments, but this is expected to be manageable within current resources. This course will serve as a 3-credit required course for Environmental Science Majors.
This recommended change will only impact programs in Geography and Environment as the 'GENV' version of this course will continue to be offered and continue to support, e.g., the Canadian Public Policy Major, Geography and Environmental Studies stream.

GENV 3101/ **GENS 3101** Environmental Conservation in the Global South

Rationale: *The rationale for creating this cross-listed version of GENV 3101 is similar to that for GENS 2101. This course will improve the educational breadth of Environmental Science without burdening the Department with significant new resource demands. It will serve as a valuable 3-credit, upper year (3000-level) science option for Environmental Science Majors who possess the necessary prerequisites. The shortage of upper-year (3-/4000-level) GENS science options has been a source of frustration widely expressed by students and recognized by program advisors for a number of years. Furthermore, this course fortuitously builds on the research expertise of one the Department's faculty (B. Walters)*
The cross-listing is anticipated to lead to higher enrollments for the class, but this is expected to be manageable within current resources. This course will serve as a 3-credit option for Environmental Science Majors.
This recommended change will only impact programs in Geography and Environment as the 'GENV' version of this course will continue to be offered and continue to support, e.g., the Canadian Public Policy Major, Geography and Environmental Studies stream.

GENV 3201/ **GENS 3201** Canadian Environmental Policy

Rationale: *The rationale for creating this cross-listed version of GENV 3201 is identical to that for GENS 3101 (see above).*

GENS 4421/ **GENV 4421** Seminar in Environment

Rationale: *That rationale for creating this cross-listed version of GENS 4421 is similar to the previous cross-listings (above). It is the opinion of the Department that fourth year students in all of our programs, not just the B.Sc. Environmental Science stream, would greatly benefit from a 'capstone' experience that would strengthen their research-related critical thinking skills. Many of the departmental courses offer*

intensive, experiential research-based learning (e.g., GENS 3401, GENV 3701), but there is still a need for the students completing their Majors to more deeply explore the use and interpretation of research evidence, particularly as it pertains to environmental decision making.
This recommended change will only impact programs in Geography and Environment as the 'GENS' version of this course will continue to be offered.

Changes to course titles, descriptions, and prerequisites:

GENV 2101 (3.00 CR)
NATURAL RESOURCES MANAGEMENT
Prereq: 3 credits from GENV 1201, GENS 1401; or permission of the Department
This course introduces key concepts and issues in natural resources management **and examines how ecological science, economics, and policy shape resource management and conservation outcomes**. It ~~examines~~ focuses on renewable natural resource sectors of importance to the Canadian economy, including fisheries, forestry, wildlife, ~~energy,~~ **protected areas**, fresh water**,** and agriculture. **[Note 1: This course is cross-listed as GENS 2101 and may therefore count as 3 credits in either discipline.]** (Format: Lecture 3 Hours) (Exclusion: GEOG 2101)

Rationale: *This course has been offered for many years, but following recommendations from the Department's external review (29th November 2019), i.e., to enhance interdisciplinary cross-over in our program offerings, the Department proposes some modifications in order to better serve the needs of our B.A. and B.Sc. students. Changes include: (1) the adoption of prerequisites, and (2) change in emphasis. We propose to also cross-list this modified GENV course as GENS 2101 Natural Resources Management in order to also serve the needs of B.Sc. Environmental Science Majors. The cross-listed version of this course (GENS 2101) will now serve as a 3-credit requirement for Environmental Science Majors. These changes are anticipated to lead to higher enrollments, but this is expected to be manageable within current resources.*
The recommended changes, particularly as they pertain to prerequisites, will impact students intending to complete the 'Geography and Environmental Studies' stream of the Canadian Public Policy Major. In practice, this is expected to be a very small group of students, many of whom will likely have completed one or both of the foundational Geography and Environment courses (GENS 1201 or GENV 1401) anyway. This course is also listed as one of many options for Canadian Studies, but the prerequisites are expected to better prepare students for the change in thematic emphasis.

GENV 3101 (3.00 CR)
~~ENVIRONMENT AND DEVELOPMENT~~ ENVIRONMENTAL CONSERVATION IN THE GLOBAL SOUTH
Prereq: ~~3 credits from GENV 2001, 2101; GENV 2221~~ **6 credits from GENV 2001, 2101, 2221**; or permission of the Department
This course examines ~~current thinking on the relationship between environment and development~~ **the challenges of integrating rural development and environmental conservation in the global south**. ~~Topics may include sustainable~~ **rural** ~~development;, rural land use change and forest management, indigenous environmental knowledge, and community-based conservation local vs. scientific knowledge~~, **Topics covered include: sustainable rural development, local vs. scientific knowledge, multi-national investment impacts on environmental conservation, tropical deforestation and reforestation, and community-based wildlife management. [Note 1: This course is cross-listed as GENS 3101 and may therefore count as 3 credits in either discipline.]** (Format: Lecture 3 Hours) (Exclusion: GEOG 3101; **Any version of GENV 3101 previously offered with a different title**)

Rationale: *This course has been offered for many years, but following recommendations from the Department's external review (29th November 2019), i.e., to enhance interdisciplinary cross-over in our*

program offerings, the Department proposes some modifications in order to better serve the needs of our B.A. and B.Sc. students. Changes include: (1) the requirement of an additional 3-credit prerequisite, and (2) changes to the topics covered. As elaborated (above), we propose to also cross-list list this modified GENV course as GENS 3101 Environmental Conservation and Rural Development in order to also serve the needs of B.Sc. (Environmental Science) Majors. The cross listed version of this course (GENS 3101) will now serve as a 3-credit option for Environmental Science Majors.
These changes are anticipated to lead to higher enrollments, but this is expected to be manageable within current resources.
GENV 3101 is one of a number of optional courses available to the Major in International Relations. The minor change to pre-requisite requirements for the course is unlikely to affect IR Majors wishing to take the course.
However, given that the orientation of the course is no longer Canadian but focused on the global south, it's recommended that this course be removed from the GENV stream of the Canadian Public Policy Major and Minor. This follows consultation with the Department of POLS and IR.

GENV 3201 (3.00 CR)
CANADIAN ENVIRONMENTAL POLICY
Prereq: ~~GENV 2001; 3 credits from GENV 2221, ECON 1001;~~ **6 credits from GENV 2001, 2101, 2221, ECON 1001;** or permission of the Department
~~This course studies the politics and policies of environmental problem-solving within the Canadian context.~~ **This course is an introduction to environmental policy with an emphasis on the Canadian political context.** ~~It examines key features of the Canadian political system – its parliamentary structure, robust federalism among others – in light of the nation's evolving environmental policy. It pays particular attention to the role of stakeholder dynamics and alternative regulatory tools and strategies (e.g., pollution taxes, best available technologies, etc.).~~ **It examines the history of environmental policy progress and key features of the Canadian political system that have influenced policy outcomes. This course will address the role of environmental science, economics, and stakeholder politics in both Federal and Provincial government decision making. This course will also examine alternative regulatory tools for achieving environmental goals. [Note 1: This course is cross-listed as GENS 3201 and may therefore count as 3 credits in either discipline.]** (Format: Lecture3 Hours) (Exclusion: GEOG 3201)

Rationale: *This course has been offered for many years, but following recommendations from the Department's external review (29th November 2019), i.e., to enhance interdisciplinary cross-over in our program offerings, the Department proposes some modifications in order to better serve the needs of our B.A. and B.Sc. students. Changes include: (1) the requirement of an additional 3-credit prerequisite, and (2) change in emphasis. As elaborated (above), we propose to also cross-list this modified GENV course as GENS 3201 Canadian Environmental Policy in order to also serve the needs of B.Sc. (Environmental Science) Majors. The cross listed version of this course (GENS 3201) will now serve as a 3-credit option for Environmental Science Majors.*
GENV3201 is one of a number of optional courses available to the Major in International Relations and B.A. Joint Major in Geocomputing. The above changes are mostly cosmetic and so should not impact these programs. The minor change to pre-requisite requirements for the course is unlikely to affect IR or Geocomputing Majors wishing to take the course.

GENS/BIOL 3471 (3.00 CR)
LIMNOLOGY
Prereq: 3 credits from GENS 2431, BIOL 2701; ~~9 credits from BIOL1001, BIOL 2101, BIOC 1001, CHEM 1001, PHYS 1041, PHYS 1051~~ **Third-year standing**; or permission of Department
This course examines the structure and function of freshwater ecosystems. It emphasizes the physical, chemical, and biological processes that occur within lakes and, to a lesser extent, river and wetland

environments. The course also covers the diversity of, and interactions between, ~~major biological communities~~ **aquatic organisms** ~~in lakes~~ and highlights environmental stressors that threaten freshwaters. (Format: Lecture 3 Hours) (Exclusion: GENS 3991 Stressors on Freshwater Systems; GENS 3991 Limnology)

Rationale: *Pre-req changes better reflect the background of most students attempting to register for the class. Pedagogy has already been de facto structured around GENS 2431 / BIOL 2701 and third-year standing; this merely advertises the fact to students and program advisors, and reduces a needless barrier to students self-enrolling.*

Other calendar entries affected: *GENS 3471 is cross listed as BIOL 3471, and identical changes have been made for both courses.*

GENS 4421 (3.00 CR)
SEMINAR IN ~~ENVIRONMENTAL SCIENCE~~ ENVIRONMENT
Prereq: Registration in the final year of a Major or Honours in Environmental Science**, Environmental Studies, or Geography.**
~~This course examines current issues in environmental science. Students prepare case studies of specific problem areas in environmental science and present these in a seminar format. (Format: Seminar 3 Hours)(Exclusion: ENVS 4901)~~
This capstone course explores advanced topics relevant to research that investigates the cause and consequences of environmental change, both physical and social. Topics may include: case studies of human-environment interaction and environmental change; environmental study design, analysis and interpretation; research outreach, communication, and knowledge transfer; public consultation; and research ethics. [Note 1: This course is cross-listed as GENV 4421 and may therefore count as 3 credits in either discipline.] (Format: Seminar 3 Hours) (Exclusion: Any version of GENS 4421 previously offered with a different title)

Rationale: *Following up on a key recommendation from our departmental external review (29th November, 2019) to more closely interleave courses to enhance interdisciplinarity across our programs, this course was identified as a candidate for cross-listing. It is the opinion of the department that fourth year students in all of our programs, not just the B.Sc. Environmental Science stream, would greatly benefit from a 'capstone' experience that would strengthen their research-related critical thinking skills. Many of the departmental courses offer intensive, experiential research-based learning (e.g., GENS 3401, GENV 3701), but this course would facilitate a deeper exploration of the use and interpretation of research evidence, particularly as it pertains to environmental decision making.*
As this is an upper year course specific to the Geography and Environment programs, these changes will have no consequence for other programs.

Changes to Program Requirements (Major/Minor/Honours)

MINOR in Environmental Science is 24 credits earned as follows:
3 from GENS 1401
3 from BIOL 1001, CHEM 1001, PHYS 1041, 1051
3 from GENS 2431, BIOL 2701, MATH 2311
9 from **GENS 2101**, 2411, 2421, 2441, BIOL 2101
6 from GENS at the 3/4000 level~~; or GENV 3201~~

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~~

3 from GENS 2101
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 below.

Aquatic Environments
3 from MATH 1121, COMP 1631
6 from BIOL 2201, 2301, 2401
9 from GENS **3201**, ~~3461~~, 3471, 4401, **BIOL 3361**
18 from GENS **3101**, 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 GENS **3201**, ~~3461~~, 3471, 4421, BIOC 3501, 3711, 3991, 4151, 4201, CHEM ~~4521~~ **3521, 3751**

~~*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 GENS 3431, 3451, 3461, 3471, 3881, 3991, 4421, 4701, 4881, BIOL 3301*, 3401*, 3351, 3371, 3451*, 3501*, 3511*, 3651*, 4111*, 4411, 4711~~

Environmental Monitoring and Management
3 from MATH 1121, COMP 1631
3 from GENS 2441
6 from BIOL 2301, 2401
9 from GENS 3201, 3421, 3401, BIOL 3811
15 from GENS 3101, 3431, 3471, 3881, 3991, 4421, 4701, 4881, 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 GENS **3101, 3201**, 3401, 3421, ~~3451, 3461~~, 3471, 4421, 4701, COMP 3411, 3531, BIOL 3811, 4111, 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 3801~~

~~12 from GENS 3401*, 3421*, 3431, 3451, 3461, 3881, 4421, 4701, 4881, BIOL 3111, 3301, 3401, 3451, 3501*, 4111, 4711~~

Note: Additional 3/4000 level science courses are needed to fulfill Calendar Regulation 11.3.5.
Note: Recommended courses are indicated with an asterisk.
~~**Note:** The following courses, while not counting towards the Major, are suggested due to their relevance to the Environmental Management Optional Stream: GENV 3101, 3201~~
~~**Note:** The following course, while not counting towards the Major, is suggested due to its relevance to the Environmental Monitoring Optional Stream: GENV 3201~~

HONOURS in Environmental Science is 78 credits as follows:
69 credits as in the Major, plus:
3 from GENS 4421
6 from GENS 4990

Note: Students who have completed any one of the former Environmental Science course listings or Physical Geography courses will have credits applied to their Geography and Environment B.Sc. program.
Note: All GENS B.Sc. courses are considered Science credits for the completion of degree requirements.

Rationale: *A few changes have been introduced:*

(1) The previous "Environmental Monitoring" and "Environmental Management" streams of the Major have been combined into a single stream to be called "Environmental Monitoring and Management". This addresses confusion expressed by students as to the difference between the two optional streams when they are, in fact, very similar to each other;

(2) GENS 3451, 3461 have been removed, and BIOL 3361 Coastal Marine Biology brought in as a replacement for GENS 3461;

(3) CHEM 4521 no longer exists and has been removed as a course option for the 'Environmental Chemistry' stream, to be replaced by CHEM 3521, 3751.

(3) The new cross-listed management and policy-related GENS courses (GENS 2101, 3101, 3201) have been introduced where appropriate, under the constraint that the Major <u>not</u> be enlarged past its current 69-credit size. GENS 2101 is now a required core course for all Environmental Science majors and is an option for Environmental Science minors.

Interdisciplinary B.A. Programs
MINOR in Environmental Studies is 24 credits earned as follows:
~~**6 from GENV 1201, GENS 1401**~~
~~**3 from GENV 2001**~~
3 from GENS 1401
6 from GENV 1201, 2001, 2101
9 from ECON 1001 and 1011, 3801

6 from GENV 3101, 3111, 3201, 3531, 4101, 4111, 4121, 4201, PHIL3721, RELG 3981, SOCI 3801, ~~**ANTH 4531,**~~ GENS 4881

MAJOR in Environmental Studies is 66 credits earned as follows:
~~**9 from GENS 1401, GENV1201, 2001**~~
3 from GENS 1401
6 from GENV 1201, 2001, 2101
3 from BIOL 1001, CHEM 1001, PHYS 1041, PHYS 1051
9 from ECON 1001, 1011, 3801
6 from GENS 2411, 2421, 2441, 3411, ~~3451, 3461~~
6 from GENV 3701 or GENS 3401, GENS 2431 or MATH 2311
15 from GENV 3101, 3111, 3201, 3211, 3531, 4101, 4111, 4121, 4201,4211
18 from Optional Streams. Choose 9 credits of complementary courses from each of two of the following Optional Streams listed below.

Environmental Social Justice:
~~**ANTH 1011, 2501, 3031, 3541, 4531**~~
GENV ~~**2101**~~, 2221, 2811, 3101, 3111, 3801, 4101, 4111, 4121, 4211, 4811
GENS 2881, 3881, 4881
SOCI 1001, 2111, 2401, 3801, 4511, 4551
WGST 1001, 3111

Ecology and Environment
GENS 2411, 2421, 2441, 2881, 3411, 3421, ~~3451, 3461~~, 3881, 4421, 4721
BIOL 2101, 3201, 3301, 3361, 3711, 3781, 3801, 3811, 3911, 4101, 4111

Rationale: *The proposed changes constitute minor realignments of courses to better connect Environmental Studies B.A. majors with the GENS 1401 foundational science course, and to eliminate courses no longer offered (e.g., ANTH).*

2.Biopsychology:

The creation of a program in Biopsychology is recommended for the 2021-2022 academic calendar:

- The addition of a Major in Biopsychology
- The addition of an Honours in Biopsychology
- Creation of a program description to reflect the addition of a Major and Honours

Major in Biopsychology

MAJOR in Biopsychology is 75 credits earned as follows:

6 from PSYC 1001, 1011
6 from BIOL 1001, 1501
3 from BIOC 1001
3 from MATH 1111, 1151

3 from MATH 1121, 1311, 1251, 2211, 2221, COMP 1631
3 from PHYS 1041, 1051, CHEM 1001
9 from BIOL 2101, 2401, 2811
3 from PSYC 2001
3 from BIOL 2701, PSYC 2011
3 from PSYC 2101
3 from PSYC 2121, 2201, 2431, 2601, 2611
6 from BIOL 3211, 3221
6 from PSYC 3101, 3211, 3141
18 from the following, including at least 6 credits from BIOL and 6 credits from PSYC:
BIOL 3401, 3201, 3621, 3631, 3651, 3661, 3751, 4101, 4211, 4221, 4311, 4621, 4711
PSYC 3001, 3111, 3141, 3151, 3201, 3221, 3311, 3331, 3511, 3421, 4101, 4201, 4411, 4601, 4611, 4801

Note: Students are responsible for ensuring they have the necessary pre-requisites for elective courses.

Note: Biopsychology majors cannot double major in biology or psychology or minor in biology or psychology.

Rationale: *Please see below, following description of* Honours *program.*

HONOURS in Biopsychology is 87 credits earned as follows:

75 credits as in the Major, plus
9 from PSYC 4903, 4990 **OR** BIOL 4903, 4990
3 from PSYC 3001, BIOL 2701, BIOL 4711 OR from another 3/4000 level course in Psychology or Biology, chosen in consultation with the Honours supervisor

Note: Students are responsible for ensuring they have the necessary pre-requisites for elective courses.

Note: Biopsychology Honours students cannot minor in biology or psychology.

Rationale: *This interdisciplinary Biopsychology program will provide students with a solid foundation of knowledge on the neural basis of behavior. Students will study the link between the brain and behavior from a physiological, psychological, evolutionary, and genetic standpoint. This interdisciplinary program will prepare students for a wide range of health and science-related careers. The current enrollments in both Biology and Psychology programs and the results from a recent survey seeking information on student interest in a potential Biopsychology Program from current Mount Allison students suggest that this new interdisciplinary program will be in high demand.*

Creation of a program description for Major and Honours in Biopsychology

The Biopsychology program aims to equip students with expertise and foundational skills in the fields of both biology and psychology. The program's interdisciplinary approach allows students to study the strong links between human biology and neuropsychology, with a focus on how physiology affects behavior and, in turn, how behavior influences physiology. From a biological standpoint, students will develop a solid foundation of knowledge and skills in anatomy, physiology, behaviour, and genetics. From a psychological standpoint, students will explore the biological and neural basis of the mind and behaviour, and contextualize these phenomena within a social and cognitive framework. Studied

together, each discipline illuminates salient aspects of the other, and gives learners the opportunity to cultivate and integrate meaningful connections and cross-disciplinary skills.

3.Visual & Material Culture:

The following changes to the Visual and Material Culture program are recommended for the 2021-2022 academic calendar:

CLAS/**VMCS 2501** (3.00 CR) INTRODUCTION TO ARCHAEOLOGY
CLAS/**VMCS 2521** (3.00 CR) THE ARCHAEOLOGY OF DAILY LIFE IN THE GREEK AND ROMAN WORLD
CLAS/**VMCS 2531** (3.00 CR) THE ARCHAEOLOGY OF RELIGION IN THE GREEK AND ROMAN WORLD
CLAS/**VMCS 3501** (3.00 CR) ARCHAEOLOGICAL FIELD COURSE
CLAS/**VMCS 3511** (3.00 CR) LABORATORY METHODS IN CLASSICAL ARCHAEOLOGY
CLAS/**VMCS 3621** (3.00 CR) THE ARCHAEOLOGY OF GREEK COLONIZATION OF SOUTHERN ITALY
CLAS/**VMCS 3631** (3.00 CR) GREEK ART AND ARCHAEOLOGY
CLAS/**VMCS 3721** (3.00 CR) ART AND ARCHAEOLOGY OF POMPEII
CLAS/**VMCS 3731** (3.00 CR) ROMAN ART AND ARCHAEOLOGY

Other calendar entries affected:
No changes to prerequisites. Course descriptions for CLAS and VMCS cross listed courses will be updated to include a note about the cross-list.

Rationale: *Archeology is the study of human activity through the recovery and analysis of material culture, so the fit of the CLAS courses dealing with this subject matter into our VMCS course offerings and programming is a natural one. Dr. Ilaria Battiloro is cross-appointed into the Visual and Material Culture Studies Programme.*

4.Changes to 11.3.12 of the Academic Calendar submitted on behalf of Cognitive Science:

The following change to the Cognitive Science Program is recommended for the 2021-2022 academic calendar:

The course 'COGS 4990 – Honours Thesis' be designated as a science credit.

11.3.12 Courses which Qualify as Science Credits
For purposes of Regulation 11.3.4 and 11.3.5 only, all courses offered in the following disciplines are considered as Science credits: Biochemistry, Biology, Chemistry, **Cognitive Science,** Computer Science, Mathematics, Physics, and Psychology. The following courses outside of these disciplines may also count as Science credits: COMM 3411, ECON 3301, 3821, 4711, 4721, 4801, 4811, all GENS courses from the Department of Geography and Environment, PHIL 2511, 3511. Exceptions, including 1991/2991/3991/4991 courses, may be approved by the Dean of Science in consultation with the appropriate Department.

Rationale: *The honours thesis in cognitive science is a course offered within a science department, and these courses are normally automatically designated as science credits. Unfortunately, when the*

BSc Honours in Cognitive Science and the COGS 4990 course were created, the calendar entry identifying science credits was not updated. The change will also ensure that the entry does not need to be updated again if more cognitive science courses are created.

5.Biopsychology Certificate

Biopsychology recommends the following course be added to the Biopsychology certificate:

PSYC 3141 Social Neuroscience

CERTIFICATE IN BIOPSYCHOLOGY
The Certificate in Biopsychology is 18 credits earned as follows:

6	from BIOL 2811, PSYC 2101
12	from the following, with a minimum of 3 credits taken from each of BIOL and PSYC: BIOL 3211, 3401, 4311, PSYC 3101, **3141,** 3211, 4101

Rationale: *This course has previously been offered as Psyc 3991 and was included (by departmental permission) as a course that could be counted toward the certificate. Now that the course has an official designation, we would like to include it in the certificate.*

MOTION: To replace Policy #5901 *Process for Adding and Deleting Academic Programs* with a new Policy #5901 – *New Academic Program Development*.

Rationale

Policy #5901 was last updated in 2007. This replacement policy allows for more development of a program idea and more campus discussion prior to it being submitted for formal review to the Academic Matters Committee, Senate, and the MPHEC. This new policy also decouples "adding programs" from "deleting programs" in order to avoid the perception that additions must be balanced by deletions. A new "deletion" policy may emerge at a later date.

Policy: 5901
Subject: New Academic Program Development
Group: Institutional
Approved by: Senate
Approval date: 3 November 2020
Effective date: 3 November 2020
Administered by: Provost and Vice-President, Academic & Research

New Academic Program Development

Mount Allison University offers a number of exciting academic programs ranging from traditional single-major degrees to multidisciplinary programs, minor areas of study, and micro-credential certificate programs. Developing a new program requires several steps to ensure that the program can be fully supported by the university.

I. IDEA GENERATION

The idea for a new academic program can emerge several different ways. Faculty are encouraged to consider their own areas of scholarly interest and how these align with other colleagues. We must also respond to the intellectual curiosity of students whose interests and passions can be nurtured and developed through a rigorous liberal education. Faculty and students are encouraged to engage in dialogue that might lead to the idea of a new program. In addition to these informal discussions, there will be an open call each year for proposals for new program ideas. Once a new program idea starts to take shape, a few practical questions should be answered before proceeding:

1. Should the program be a major, minor, certificate, or other form of micro-credential?
2. If a multi- or interdisciplinary program, will there be a "home" faculty to support the proposal?
3. How will students be consulted in the program development process?

From these discussions, a *working group* should emerge to guide the program through the rest of the process. The working group should also inform the Academic Program Development Officer (APDO) that a new program idea is being developed.

II. VISIONING & CONCEPT PAPER

Once a working group is formed, it will develop a more substantial vision for the program, which can then be circulated widely for feedback. This involves the following steps:

1. The working group will begin working with the Academic Program Development Officer (APDO) to create the concept paper for the new program.
    a. Contact APDO to obtain correct forms.

    b. Determine which academic unit will administer the new program and inform that department or program that the idea is being developed. Decide what is necessary for consultation at this stage: academic unit, home Faculty, relevant Dean, Registrar, Provost?

2. Create a draft version of the Concept Paper. There is no need for fine detail at this stage (courses, pre-requisites etc.), but instead outline the broad conception of the program and its potential impact.
3. Submit to the relevant Department Head or Program Director & Dean for consultation.
4. Solicit student feedback.
5. Submit to Recruitment and Mar/Comm for discussion and feedback.
6. Submit to Faculty Council for discussion and feedback.

III. PROPOSAL DEVELOPMENT

Once the new program proposal has been widely circulated and revised based on community feedback, it must then be prepared for the Academic Matters Committee (AMC) of the University Senate.

1. Contact the APDO to obtain the correct AMC form, which will vary depending if it is a proposal for a major, minor, or certificate offering.
2. This process will necessitate consultation with the Library, Computing Services, The Registrar's Office, and the appropriate Faculty Dean.
3. The Provost should also be consulted regarding potential resource implications.
4. Work with the APDO to create a finalized draft of proposal that will go to the AMC.

IV. AMC AND SENATE SUBMISSION AND APPROVAL

1. AMC will review the proposal to determine if any modifications need to be made to meet university curriculum standards.
2. Proposal working group & APDO will be notified of AMC approval and expected Senate date.
3. Proposal put forward to Senate as a motion from the AMC.
    a. If an offering *under* 30 CR is approved, APDO to work with Registrar for calendar inclusion, and will notify Recruitment and Mar/Comm to create content for website and other marketing materials.
    b. If a program *over* 30 CR is approved, APDO to finalize proposal with working group in order to submit to MPHEC.
    c. APDO will notify Recruitment and Mar/Comm to create content for website and other marketing materials.

V. MPHEC SUBMISSION & EVALUATION (if necessary)

1. New program proposal to be finalized with working group and APDO
    a. MPHEC requires a minimum of 8-10 weeks for Stage I approval
    b. They will circulate for peer review and members of working group will usually have to provide feedback from peer evaluation
2. Provost's office to formally submit MPHEC proposal and will receive notice of approval
    a. Provost's office to notify Deans and APDO of formal approval.

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Concept Paper for a New Program

Generating ideas for a new program at Mount Allison is an exciting process – the questions below will help draw out an overall vision of a proposed new program in the conceptual phase of development. At this early stage, please present a broad view of the program and describe how it will contribute to the Mount Allison community. Discussion and consultation are warmly encouraged but try to keep your submission within 4 pages.

I. PROGRAM INFORMATION

a. Program name *(if considering several, please list a few possibilities)*:

b. Credential to be granted *(ex: BA, BSc, certificate, post-baccalaureate, etc.)*:

c. Faculty(ies)/Academic Unit(s):

d. Ideal program start date (term/year):

e. Method of delivery *(on-campus, online, hybrid, etc.)*:

II. PROGRAM CONSIDERATIONS

a. Describe the overall vision of the program.

b. Describe the rationale/need/relevance of the program.

c. What are some key objectives of the program?

d. Provide a very brief description of the proposed program structure and delivery format if it is an integral component.

e. Are there similar programs regionally or nationally?

f. What would the impact be on the university in terms of enrolment, strategic vision, interdisciplinarity, or any other aspect?

g. Are there any more details that fill out the vision of the program at this stage?

Contact person & email:
Date of submission:

Admissions and Re-admissions Committee

Report to Senate –November 3, 2020

Committee Members: Kirsty Bell, Leslie Kern, Krista Johnson, Nadine Robinson, N. Farooqi (Chair) C. O'Neal (secretary)

The Admissions and Re-admissions Committee met four times during the period from June, 2020 through September 2020, on the following dates:

- June 29 & 30 - 11 applications, plus 44 academic standing appeals
- July 8 - by email – 1 late appeal
- July 31- by email – 1 late appeal
- August 20- by email – 2 late appeals
- September 3 - by email – 1 late appeal
- September 4 - by email – 1 late appeal

Applications for Readmission following a period of Suspension or Dismissal

From the period of June, 2020 through September 2020, the committee considered eleven applications for re-admission following a period of Academic Suspension (ten students) or Dismissal (one student). In all cases, the students were re-admitted on Academic Probation for the term requested (20/FA).

Academic Standing Appeals at the end of the 19/SFW year

Three (3) students ended the year on Academic Dismissal and one-hundred (100) students ended the year on Academic Suspension. The committee considered fifty letters of appeal (one for Academic Dismissal and forty-nine for Academic Suspension). Students recommended by the committee for re-admission on Academic Probation were re-admitted with the condition that they may register for no more than 15 credits per term and that they will remain on Academic Probation until the end of the 2020-2021 academic session at which time their academic standing will be reassessed. To return to Good Standing they must achieve a Session GPA of at least 1.5 AND a CGPA of at least 1.5. During the probation period, students are not eligible to take courses on Letter of Permission at another university.

Students whose appeals were unsuccessful were advised that the committee's decision may be appealed to the Readmission Appeals Committee under one of the following grounds:

a) the Admissions and Re-admissions Committee was biased;

b) the Admissions and Re-admissions Committee made an error in interpreting a regulation;

c) new information has been provided subsequent to the decision of the Admissions and Re-admissions Committee; (eg. Grade change in course(s), medical or other supporting documentation)

d) the decision of the Admissions and Re-admissions Committee imposes undue or unreasonable hardship.

Group I - Academic Dismissal

One (1) of the three (3) students who ended the year on Academic Dismissal appealed. The committee recommended re-admission on probation.

Group II - Academic Suspension after first year of study

Twenty-two (22) of forty-nine (49) students who appealed their suspension began their studies in 19/FW and ended the year on Academic Suspension. The committee recommended that all of the students be re-admitted to full-time studies on Academic Probation.

Group III - Academic Suspension from Academic Probation or Not Assessed

Twelve (12) of forty-nine (49) students who appealed their suspension began the year on Academic Probation or were Not Assessed in 18/FW. The committee recommended that all of the students be re-admitted to full-time studies on Academic Probation.

Group IV – Academic Suspension from Re-admission on Probation

Fifteen (15) of forty-nine (49) students who appealed their suspension began the year on Re-admitted on Probation following previous suspension. The committee recommended ten (10) of those students to be re-admitted to full-time studies on Academic Probation. The committee made no recommendation for re-admission for five (5) students and those students remain on suspension unless they appealed the committee's decision to the Re-admission Appeals Committee.

Review of status of students re-admitted on probation for 19/FW

Effective June 2016, students whose appeals were successful were re-admitted on probation with a requirement that they sign a 'conditions for re-admission' form whereby they agreed to meet with the student service provider(s) identified on the form as determined by the committee, before the end of September. Student service providers included: Meighen Centre, Academic Advisor, Academic Support Services, International Advisor, Indigenous Affairs Coordinator, Financial Aid Counsellor, Director of Athletics, other Student Affairs staff.

Of the fifty (50) students who were re-admitted on probation for the 19/SFW session:

- Eight (8) students achieved Good Standing (16%)
- Four (4) students ended the year on Academic Probation (8%)
- Twenty-five (25) students ended the year on Academic Suspension (50%);
    - nine (9) of those were re-admitted again on probation for 20/FW.
- Thirteen (13) students withdrew for 19/FW (26%)

Re-admissions Appeals Committee
Report to Senate, November 3, 2020

Membership of the Committee:

- The Secretary of Senate (ex officio), Craig Brett, Chair
- An Academic Dean (ex officio), Vicki St. Pierre
- One Faculty Member or Librarian, Margaret-Ellen Messinger
- One Alternate Faculty Member or Librarian, Linda Pearse

The Re-admissions Appeals Committee met once in the past year, on July 31, 2020. It considered three appeals decisions of the Admissions and Re-admissions Committee, all from students who had been placed on Suspension, having previously been re-admitted on probation. Each appellant brought information to the Appeals Committee that was not available to the Admissions and Re-admissions Committee.

The Re-admissions Appeal Committee reversed the decisions of Admissions and Re-admissions Committee in one of the three cases. That one student was re-admitted, subject to conditions. These conditions included mandatory use of support services. In the other two cases, the committee upheld the decisions of the Admissions and Re-admissions Committee because the committee deemed the new information did not support the appeal.

There were four appeals in each of 2017, 2018, and 2019. There was a single appeal in 2016.

Respectfully Submitted,

Craig Brett
Secretary of Senate and Committee Chair