

FACULTY OF SCIENCE
Meeting of Faculty
24 October, 2017
Leacock Council Room - L232

ATTENDANCE: As recorded in the Faculty Appendix Book

DOCUMENTS: S-17-2 (Revised), S-17-3 to S-17-5, S-17-8 to S-17-11

Dean Lennox called the meeting to order at 3:00 p.m.

1) ADOPTION OF AGENDA

of the Industrial Research Institute (1984), and the Macromolecular Science and Engineering Award of the Chemical Institute of Canada (1998). In 1987 he was awarded an honorary Doctor of Science degree from his alma mater, the U of Alberta.

He was predeceased by his wife of 48 years, Janet Hay, in 2004, and is survived by his four children, Randall, Bruce, Lauren and Susan and 10 grandchildren. Dr. Hay had a clear passion for science and mentoring younger colleagues. He also loved spending time at his second home in Glenburnie on Lake George, where he enjoyed reading, gardening, hiking, and outdoor activities with family and grandchildren.

The motion passed unanimously.

3) CANDIDATES FOR DEGREES (For Information)

203.1 Director (Advising Services) Nicole Allard said that due to the date of the Senate Steering Committee meeting, which was held prior to the current Faculty meeting, the B.A. & Sc. and B.Sc. degree lists were presented to Faculty for information only. The degree lists had been e-mailed to chairs/directors for approval, and as part of this process, the chairs/directors had given the Dean discretionary power to make such changes as would be necessary to prevent injustice.

- a) Bachelor of Arts and Science
- b) Bachelor of Science

S-17-4

6) REPORTS OF COMMITTEES

a) Nominating Committee

S-17-2 (Revised)

206.1 Dean Lennox said that the membership of the following three standing Committees was not approved at the Faculty meeting held on 12 September, 2017. The membership was now complete and it was being brought back to Faculty for approval.

(4) Committee on Student Standing

Prof. Roulet moved, seconded by Prof. Paquette, that the membership be approved.

The motion carried.

(7) Leo Yaffe & Principal's Prizes Committee

Prof. Grütter moved, seconded by Prof. Kemme, that the membership be approved.

The motion carried.

(8) B.A. & Sc. Program Administration Committee (PAC)

Prof. Lydon moved, seconded by Prof. Blanchette, that the membership be approved.

The motion carried.

206.2 Dean Lennox said that with regard to the Academic Committee, a member from the Department of Biochemistry will be announced at a future Faculty meeting.

b) Academic Committee

S-17-8

The following proposals were approved at the Academic Committee meeting on 26 September, 2017:

I. COURSE REVISIONS

(i) Cognitive Science

COGS 444, 444D1/D2, 444N1/N2

AC-17-1

Honours Research

Change in description

6 credits

206.3 Associate Dean Hundemer said that students were previously required to choose two areas of cognitive science, but with the proposed changes students will be required to focus on one area.

Prof. Grütter moved, seconded by Prof. Paquette, that the changes be approved.

The motion carried.

(ii) Mathematics & Statistics

MATH 700

PhD Comprehensive Exam Part A

AC-17-8

Change in title

Credits: 0

MATH 701

PhD Comprehensive Exam Part B

AC-17-9

Change in title

Credits: 0

206.4 Associate Dean Hundemer said that the new titles of the above courses better reflect the type of examination.

Prof. Neslehova moved , seconded by Prof. Stephens, that the changes be approved.

The motion carried.

(iii) Chemistry
CHEM 115

Acc Gen Chem: Giants in Sci

AC-17-11

206.9 Associate Dean Hundemer said that the revised restriction explicitly stated that CHEM 396 can only be taken as an Elective course and cannot be taken to fulfill a program requirement. For consistency purposes, he would recommend that all 396 undergraduate research project courses include the restriction. Director Allard added that 396 courses were intended to be taken as Elective courses.

Prof. Mittermaier moved , seconded by Prof. Roulet, that the changes be approved.

The motion carried.

CHEM 400	Independent Study in Chemistry Change in restriction 1 credit	AC-17-16
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206.10 Associate Dean Hundemer said the revised restriction reflects the current practice that students request permission from the instructor to take CHEM 400, instead of the Director of Undergraduate Studies.

Prof. Mittermaier moved , seconded by Prof. Gyakum, that the changes be approved.

The motion carried.

The motion carried.

- Honours in Geography

AC-17-5

- 206.14 Associate Dean Hundemer said the changes in the Honours in Geography were to align it with the Major in Geography. The Honours in Geography program requires students to take two additional courses (nine credits).

Prof. Roulet moved , seconded by Prof. Kalacska, that the changes be approved.

The motion carried.

- Liberal Core Science Component in Geography

AC-17-6

- 206.15 Associate Dean Hundemer said the revised Liberal program will now align with the Major in Geography, with the exception of a lower program credit weight. The revised Liberal program has fewer Required courses, and offers more Complementary courses, allowing more flexibility.

Prof. Roulet moved , seconded by Prof. Kalacska, that the changes be approved.

The motion carried.

- Minor in Geography

AC-17-7

- 206.16 Associate Dean Hundemer said the proposed changes in the Minor in Geography offers more flexibility, and fewer Required courses.

Prof. Roulet moved , seconded by Prof. Gyakum, that the changes be approved.

The motion carried.

III. OTHER:

- Course and Program Consultations

- 206.17 Associate Dean Hundemer reminded members to take the course and program consultation process very seriously. Whenever departments submit course or program changes that may affect programs in other departments, it is really important to contact the relevant department in a timely fashion. If consultation for courses or programs are requested by other units, the departmental undergraduate curriculum committees should discuss and approve the proposals. He said that there have been issues in the past where only one person in a department responded to the consultation request, and as a result, no one else in the department had been aware of the issue. Associate Dean Hundemer recommended that consultation reports be brought to departmental undergraduate curriculum committees for formal approval, which would avoid needless complications and issues in the future.

- 206.18 Dean Lennox said that he fully supported the importance of proper consultation and that it should be viewed as a formal approval process. He said that a thorough review was crucial especially if the proposal stems from a Faculty outside the Faculty of Science. If necessary, Dean Lennox suggested that the proposer be invited to a departmental meeting for clarity and further information. He warned members that once the proposal was approved by the University, the decision was irrevocable.

7) DEAN'S BUSINESS

- 207.6 Dean Lennox said the Faculty budget planning process for the following year had just started. In terms of delivering quality research and teaching, he said the budget would be entirely focused on filling the gaps in “human” infrastructure in the Faculty of Science.
- 207.7 Stewart Biology Building
The demolition of the Stewart's West Wing has been underway, and Dean Lennox was pleased to report that the demolition has been going very well.
- 207.8 b) Dean's Multidisciplinary Undergraduate Research List (DMURL) S-17-9
Director Allard said that the DMURL provides recognition for students who have completed at least 9 credits of graded research-based courses in at least two different units, and who have a minimum GPA of 3.00 on these courses. She said that six B.Sc. students and one B.A. & Sc. student would be graduating with this honour. Director Allard said it was remarkable that out of the seven students, three students completed 12 credits of independent research course, and one student completed 15 credits.
- 207.9 c) B.Sc. Global Designation S-17-10
Director Allard said that the B.Sc. Global was a designation being given at graduation. Students must have at least three credits of a second language course, at least three credits of an independent research project course, plus a third component, chosen from various preselected options. For the upcoming graduation ceremony, there is one candidate who would graduate with the B.Sc. Global designation.
- 207.10 d) Enrolment S-17-11
Associate Dean Hundemer presented the 2017 Fall registrations for U0, U1, U2, U3, by Faculty and Year. He said that there was a 2.8% increase in the B.Sc. degree compared with Fall 2016. For the B.A. & Sc. degree, there was a decrease of approximately 10%, which was surprising. In the Faculties of Arts, and of Engineering, there was an increase in registration by 4.3% and 2.3%, respectively. He said the increase in these two Faculties have an impact on the Faculty of Science.
- 207.11 Associate Dean Hundemer went over the registrations for the previous years. In Fall 2012 and 2013, the Faculty of Science's registration was very high, and then there was a decrease in Fall 2014 and 2015. He noted that the registration for Fall 2017 was very close to the one in Fall 2012. To be considered in future years is whether to go back to Fall 2014 and 2015 registrations.
- 207.12 Associate Dean Hundemer said that U1 students apply to one of three groups:
- Biological, Biomedical and Life Sciences (BBL group)
 - Physical, Earth, Math and Computer Science (PEMC group)
 - Neuroscience (NEUR group)
- 207.13 Concerning newly admitted Science students for Fall 2016 and 2017, Associate Dean Hundemer said that the BBL group increased, and the increase surpassed the Provost's target. In the PEMC group, enrolment decreased from Fall 2016 to Fall 2017, but less than the Provost's target. He said the total percentage of students in the PEMC group was slightly lower than in Fall 2016. In Fall 2016, the long term goal was to increase the PEMC group to roughly 40%. There was quite an increase in the NEUR group, Allard

increase from CEGEPs was perhaps an attempt at recruiting more students from CEGEPs.

207.15

Associate Dean Hundemer went over the R

9) REPORT ON ACTIONS OF SENATE

The report of the Senate meeting held on 12 September, 2017, will be postponed to the next Faculty meeting.

10) MEMBERS' QUESTION PERIOD

There were no members' questions.

11) OTHER BUSINESS