

**FACULTY OF SCIENCE
Meeting of Faculty
Monday, February 18, 2013
Leacock Council Room – L232**

ATTENDANCE: As recorded in the Faculty Appendix Book.

DOCUMENTS: S-11-15to S-12-22

Prof. Richard Koestner introduced **Professor Melanie Dirks, Department of Psychology**, and Prof. Jacques Hurtubise introduced **Professor Adam Oberman, Department of Mathematics & Statistics**. Each gave a three-minute presentation prior to the start of the meeting.

Dean Grant called the meeting to order at 3:05 p.m.

(1) ADOPTION OF AGENDA

Prof. Moore **moved**, seconded by Prof. Bell, that the Agenda be adopted.

The motion carried.

(2) CANDIDATES FOR DEGREES

a) Bachelor of Arts and Science S-12-16

602.1 Director (Advising Services) Nicole Allard said there were 21 students graduating with the B.A. & Sc. degree, twice the number compared with February 2012.

Director Allard **moved**, seconded by Mr. Barry, that the above degree list be recommended to the Senate Steering Committee for the Bachelor of Arts and Science degree.

The motion carried.

b) Bachelor of Science S-12-17

602.2 Director Allard said there were 155 students graduating with the B.Sc. degree, and that there were 140 the previous year.

Director Allard **moved**, seconded by Mr. Barry, that the above degree list be recommended to the Senate Steering Committee for the Bachelor of Science degree.

The motion carried.

c) Diploma in Environment S-12-18

There were no students for the above Diploma.

d) Diploma in Meteorology S-12-19

There were no students for the above Diploma.

602.3 Director Allard further **moved**, seconded by Prof. Blanchette, that the Dean be given discretionary power to make such changes in the degree list as would be necessary to prevent injustice.

The motion carried.

602.4 Director Allard said that the CGPA cut-off for the Dean's Honour List would be known in June. (February and June grades are combined to determine the cut-off.)

602.5 Director Allard thanked Mr. Peter Barry, Chief Academic Advisor, the SOUSA advisors, and all departmental advisors who were involved with the graduation lists.

(3) MINUTES OF DECEMBER 4, 2012

Prof. Moore **moved**, seconded by Prof. Hurtubise, that the Minutes be approved.

The motion carried.

(4) BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes.

(5) REPORTS OF COMMITTEES

a) **Academic Committee** **S-12-20**

The Academic Committee approved the following on Tuesday, December 11, 2012:

SECTION A: NEW COURSES

Atmospheric & Oceanic Sciences

ATOC 357	Atmospheric & Oceanic Sci Lab	AC-12-44
	3 credits	

605.1 Associate Dean Hendren said that as a result of reviewing undergraduate programs, and after surveying current students, it had been decided to institute ATOC 357. Most other meteorology programs in North American universities offer this type of course. ATOC 357 is an excellent initiative.

Associate Dean Hendren **moved**, seconded by Prof. Robillard, that the new course be

Associate Dean Hendren **moved**, seconded by Prof. Koestner, that the changes be approved.

The motion carried.

- (2) **Atmospheric & Oceanic Science**
ATOC 312 Rotating Fluid Dynamics **AC-12-43**
Changes: number [from 412], title, description,
prerequisites and restrictions
3 credits

605.3 Associate Dean Hendren said ATOC 312 was being renumbered (from ATOC 412) to allow students to be better prepared to take ATOC 512 in U3. ATOC 312 would now be considered as a “stepping stone” to ATOC 512 for both Major and Honours students.

Associate Dean Hendren **moved**, seconded by Prof. Blanchette, that the changes be approved.

The motion carried.

605.4 Associate Dean Hendren thanked Prof. Daniel Kirshbaum for the hard work and very impressive clean-up of the programs in the Department of Atmospheric & Oceanic Sciences.

SECTION C: MINOR COURSE CHANGES (For Information Only)

- Report on Minor Course Changes **AC-12-38**

605.5 Associate Dean Hendren described the changes in prerequisites for BASC 396 and BASC 499.

SECTION D: NEW PROGRAMS

None

SECTION E: PROGRAM CHANGES

- (1) **Cognitive Science (B.A. & Sc.)**
- Interfaculty Program in Cognitive Science **AC-12-39**
- Honours Program in Cognitive Science **AC-12-40**

605.6 Associate Dean Hendren said that she had met for the first time with the Interfaculty Program Committee in Cognitive Science, and that the meeting had been fruitful.

605.7 The major change was the removal of the single capstone course, and its replacement with a list of nine potential capstone courses. The sub-headings (Lists A and B) were removed for the sake of clarity and in order to allow flexibility. The course lists had been updated with appropriate additions and removals. Since currently there are two identical research courses, COGS 401 and COGS 402, one will be retired, and the other, COGS 401, will be offered in both fall and winter.

Associate Dean Hendren **moved**, seconded by Prof. Onishi, that the above changes be approved.

The motion carried.

(2) B.A. & Sc. Program Revisions

AC-12-41

605.8 Associate Dean Hendren said that all students will now have to take the integrative course, BASC 201, as a Required course. The list of Complementary integrative courses was being removed since their place will be taken by BASC 201.

Associate Dean Hendren **moved**, seconded by Mr. Barry, that the changes be approved.

The motion carried.

(3) Atmospheric Science

- Minor in Atmospheric Science

AC-12-45

605.9 Associate Dean Hendren said that the changes to the Minor in Atmospheric Science involved the newly created lab course, ATOC 357, and the renumbered ATOC 312 (from 412), both of which were approved above.

Associate Dean Hendren **moved**, seconded by Prof. Blanchette, that the changes be approved.

The motion carried.

- Liberal Program: Core Science Component in Atmospheric & Oceanic Sciences

AC-12-46

- Major in Atmospheric Science

AC-12-47

- Honours in Atmospheric Science

AC-12-48

605.10 Associate Dean Hendren said that the changes reflected the new course ATOC 357 and the renumbered ATOC 312. Other changes were made to increase the flexibility of the programs.

Associate Dean Hendren

Associate Dean Hendren **moved**, seconded by Prof. Moore, that the above two program retirements be approved.

The motion carried.

(4) Biology
- Major in Biology: Quantitative Biology Option

AC-12-52

605.14 Associate Dean Hendren said that the Quantitative Biology Option was a fairly new program, and interdisciplinary. Some adjustments are often required after the first few years.

605.15 PHYS 232 and MATH 323 were being added to the core requirements; students could now take either COMP 202 or COMP 250. Additionally, other courses were added, removed or transferred.

605.16 Associate Dean Hendren mentioned that there were consultation reports from Chemistry, Computer Science, and Physics.

Associate Dean Hendren **moved**, seconded by Prof. Bell, that the changes be approved.

The motion carried

605.17 Associate Dean Hendren said that a Quantitative Biology Option for the Honours Program in Biology would be forthcoming, provided that it could be organized without having too many credits.

SECTION F: Other (For Information Only)SECTION F, t

(7) **REPORT ON ACTIONS OF SENATE**

607.1 Please note that the entire Minutes of Senate are available on the Web at <http://www.mcgill.ca/senate/senate-2012-2013/senate-2012-2013-meeting-documents>

Senate Meeting of December 5, 2013 – Prof. Bruce Lennox

The following is my summary of the highlights of the Senate Meeting of Dec. 5 2012.

1. The Principal and Chair opened the meeting with remarks about her recently circulated response to the Manfredi Report (Open Forum on Freedom of Expression and Peaceful Assembly). She told Senate that

With respect to budget cuts a question was asked about faculty salaries, which have already suffered from two increase deferrals. The Principal responded that she is on the record with MAUT as saying that we have to work hard to preserve and raise academic salaries at McGill on a multi-year basis.

On the subject of the Summit on Higher Education which will be held on February 25 and 26, the Principal cited an updated CREPUQ study which confirms the clear underfunding of Quebec universities.

An update on the Protocol Regarding Demonstrations, Protests and Occupations was presented. Essentially one is expanding consultation, and developing a new process to come up with a protocol as part of the future Statement of Values and Principles Concerning Freedom of Expression and Freedom of Peaceful Assembly.

A formal question regarding potential academic uses of the Royal Victoria Hospital was asked.

V.-P. Di Grappa responded that the RVH site is not owned by McGill University. The government will decide who its future owner will be, but as yet it is unclear what the current Quebec government will do in this regard. McGill is short of space, and the RVH has been part of the Administration's reflections on this subject. Conversion and renovation costs would be significant, as would the long-term operating costs. A business plan is being developed.

Provost Masi remarked that the timing of McGill's involvement is an important factor, and noted that no statements had been made in Senate in favour of McGill getting involved with MOOCs on a for-profit basis. The University has to move deliberately and involve itself with groups which share our set of values.