AC-21-66

FACULTY OF SCIENCE
ACADEMIC COMMITTEE

Minutes of the meeting held on 11 January 2022 at 3:00 p.m. by Zoom Videoconferencing.

PRESENT: Associate Dean (Academic) Axel Hundemer, Peter Barry (Chief Academic Advisor); Professors Jennifer Bartz, Amy Blum, Huy Bui, Maxime Denis, Caroline Dufour, Benjamin Forest, Daryl Haggard, Ana Nyzhnyk, Jeanne Paquette, Kathy Roulet, Clark Verbrugge, Natalie Waters; Claire Braaten, Melissa Dunn, Samantha Gorle, Alexandra Mircescu, Yufeng Peng, Emaan Qazi; Faye Hughes, Josie D'Amico.

REGRETS: Professors Barbara Hales, Greg Marczynski, Johanna Neslehova.

GUEST: Mr. Victor Chisholm

DOCUMENTS: **AC-21-60 to AC-21-**

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

1. Adoption of Agenda

Prof. Denis **moved**, seconded by Prof. Forest, that the Agenda be adopted.

The motion carried.

2. Minutes of 23 November 2021 **AC-21-59**

Prof. Denis **moved**, seconded by Prof. Forest, that the Minutes be approved.

The motion carried.

3. Business Arising from the Minutes

There was no business arising from the Minutes.

4. Courses on Dean's Multidisciplinary Undergraduate Research List (DMURL) **AC-21-60**

Mr. Victor Chisholm highlighted the requirements for placement on the DMURL for B.A. & Sc. and B.Sc. students, and asked members whether they had any changes to the DMURL courses listed in Document AC-21-60 due to course creations, course modifications, or course retirements. Moreover, he asked whether the following "hybrid courses" should be included on the DMURL research course list. If so, are there similar hybrid courses in other departments, and what percentage of the course be an independent research project to be eligible for the DMURL? Over 80% of the courses below appear to be independent research projects, and the remainder seems to be instruction in research methods.

- MIMM 390 SEA-PHAGES: Phage Discovery (3 credits)
- MIMM 391 SEA-PHAGES: Genome Annotation (3 credits)
- BIOL 389: Laboratory in Neurobiology (3 credits)

Following a lengthy discussion, members agreed to consult with the course coordinators and their units for possible other courses, and voting would occur at the February Academic Committee on 15 February 2022.

5. Computer Science

COMP 307 Principles of Web Development **AC-21-61**
Changes in credit weight (from 2 credits to 3)
3 credits

Prof. Verbrugge explained that some students in COMP 307 lacked the basic knowledge of the topic, whereas other students with some background in the course material were seeking more advanced topics. In order to accommodate all levels of students, it was necessary to increase the lecture hours to 2.5 hours/week (from 1.5 hours), allowing the course instructor to cover more introductory material at the beginning of the course and more advanced material at the end.

Prof. Verbrugge **moved**, seconded by Prof. Forest, that the changes be approved.

The motion carried.

New Course:

COMP 514 Applied Robotics **AC-21-62**
4 credits

Prof. Verbrugge introduced the above course in robotics that a new instructor will be teaching in the School of Computer Science. COMP 514 is a more practice-oriented course than current robotics courses, and it will significantly expand the robotics offerings in the School.

Prof. Verbrugge **moved**, seconded by Prof. Forest, that the course be adopted.

The motion carried.

6. Chemistry

CHEM 204 Physical Chemistry/Biological Sciences 1 **AC-21-63**
Changes in restrictions
3 credits

Prof. Blum said that some courses were retired and replaced by a new course hence the changes in restrictions.

Prof. Blum **moved**, seconded by Prof. Dufour, that the changes be approved.

The motion carried.

CHEM 273 Introductory Physical Chemistry 2: Kinetics and Methods **AC-21-64**
Changes in restrictions
3 credits

Prof. Blum explained that the changes in restrictions in CHEM 273 are similar in nature to CHEM 204 (above).

Prof. Blum **moved**, seconded by Prof. Haggard, that the changes be approved.

The motion carried.

7. Physics

Program Changes:
- Honours Program in Physics **AC-21-65**

Prof. Haggard said that the first change is simply adding PHYS 534 to the list of Complementary courses, and a more substantial change is the program requirements to graduate with an Honours Program in Physics. In the current regulations, students must maintain a GPA of 3.00 in all Required and Complementary courses every year. The proposed changes are that, to graduate with an Honours degree, a student must have, at time of graduation, a CGPA of 3.00 in both Required and Complementary courses and an overall CGPA of at least 3.00.

Prof. Haggard **moved**, seconded by Prof. Denis, that the program changes be approved.

The motion carried.

8. Other Business

There being no further business, Prof. Denis **moved**, seconded by Prof. Forest, that the meeting be adjourned at 3:38 p.m.

The motion carried.