

**FACULTY OF SCIENCE  
ACADEMIC COMMITTEE**

Minutes of the meeting held on 20 September 2022 at 3:00 p.m. by Zoom Videoconferencing.

**DOCUMENTS: AC-21-108 to AC-22-112**

Vice-Dean Stephens called the meeting to order at 3 p.m. And welcomed members to the first Academic Committee meeting.

**1. Adoption of Agenda**

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

**The motion carried.**

**2. Minutes of 15 April 2022 AC-21-108**

Vice-Dean Stephens **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. Psychology**

*New Course*

PSYC 306

Research Methods in Psychology  
3 credits

**AC-22-110**

Prof. Bartz presented PSYC 360, a new course in the department of Psychology. Its purpose is to provide Psychology students introduction to research methods in the Psychology context in order to equip them with the tools to better evaluate academic research. The course was described as being one in high demand.

Prof. Forest raised concerns about the syllabus and evaluation method not being detailed enough. Prof. Bartz responded by informing the committee that although she will not be teaching the course herself, she would be able to propose a more detailed syllabus at a later date.

Associate Dean Hundemer explained that traditionally the syllabus does not contain more detailed information than what is being proposed and in his opinion the outline currently presented is sufficient.

Prof. Bartz **moved**, seconded by Prof. Dufour, that the course be adopted.

**The motion carried.**

## 5. Psychology

New Course:

PSYC 560

Machine Learning Tools in Psychology  
3 credits

**AC-22-111**

Prof. Bartz presented a new course, PSYC 560, there's been a growing interest in machine learning tools in psychology, and while there is certainly several other machine learning courses taught at McGill, this course has a different target audience. Specifically, psychology students who are mostly in the arts and have a little background in math and in computer programming and Python. The focus of this course will be different from some of the other ones that are taught at McGill with an emphasis on conceptual explanations of Machine Learning Methods, without heavy reliance on linear algebra and calculus probability, as well as the existing applications.

Prof. Bartz **moved**, seconded by Prof. Forest, that the course be adopted with a vote.

**The motion carried.**

## 6. Psychology

PSYC 541

Multilevel Modelling

**AC-22-112**

Changes: Prerequisite required.  
Prerequisites: PSYC 305 and (PSYC 439 or  
PSYC 536)  
3 credits

Prof. Bartz explained that students who do not have the prerequisites will not be allowed to take the course.

Prof. Bartz **moved**, seconded by Prof. Forest, that the change be approved with a vote.

**The motion carried.**

## 7. Honours in Physics and Chemistry (Program Revision) Honours in Physics and Computer Science (Program Revision)

Prof. Pereg-Barnea explained that changes are being proposed to the Honours in Physics program. There are two programs. A couple of years ago the requirements was changed for honors in physics. It was basically looking at students GPA every year by letting people graduate with an honors degree if they're to be as well great. And the proposed changes are:

-Honours in Physics and Chemistry, the proposed change is about honours requirement. The current requirements for staying in the joint honours program are too stringent. The revision would allow students to improve their grades and stay in the program rather than quit it. Moreover, transferring to the Major's program which has different requirements may be difficult at a later stage.

- Honours in Physics and Computer Science, the proposed change is about honours requirement. The current requirements for staying in the joint honours program are too stringent. The revised version would allow students to improve their grades and stay in the

program rather than quit it. Moreover, transferring to the Major's program which has different.

Associate Dean Hundemer **moved**, seconded by Prof. Dufour, that the two revisions be approved. Vice-Dean Stephens moved to a vote.

**The motion carried.**

## **8. Other Business**

Vice-Dean Stephens displayed the current committee member list. Prof. Neslehova clarified that she will be replacing Dr. Kelome on the committee. She explained that she will oversee that statistics portion while Dr. Kelome is mandated to more of the math programs. Prof. Neslehova raised the issue regarding changes proposed by Cindy Smith, Course and Program Administrator SCTP. With the Minor Program in Statistics, it was a twenty-four-credit program with nine credits complimentary courses, however, it was requested by Cindy from SCTP to change the credits from nice to nine to twelve, the total credits would be changed from twenty-four to twenty- four to twenty-seven.

Associate Dean Hundemer proposed to verify with Cindy from SCTP.

Associate Dean Hundemer announced that he will invite Victor Chisholm to the next Academic Committee meeting to discuss the multidisciplinary research list.

Student representative Asma Khamis presented the report on page seven of minutes from the science undergraduate society.

Vice-Dean Stephens **moved**, seconded by Associate Dean Hundemer, that the meeting be adjourned at 3:40 p.m.

**The motion carried**