

SCIENCE FACULTY COUNCIL MINUTES

Friday, March 4, 2022 - Hybrid

Chair: Lucy Lee, Dean

Present: Ian Affleck, James Bedard, Cory Beshara, Linus Chiang, Jeff Chizma, Karen Cooper, Robin Endelman, David Fenske, Kseniya Garaschuk, Sandra Gillespie, Patrick Harrison, Longlong Huang, Jonathan Hughes, Jesper Johansen, Ruwan Karunanayaka, Heather Kelly, Anna Kuczynska, Hongfei Li, Lin Long, Cindy Loten, Stan Manu, Mariano Mapili, Steve Marsh, Pedro Montoya-Pelaez, Janice Nagtegaal, Stefania Pizzirani, Talha Qadri, Vanessa Radzimski, Afia Raja, Alan Reid, Fabiola Rojas, Greg Schmaltz, Jake Spooner, Tony Stea, Jason Thomas, Ben Vanderlei, Jane Webb, Noham Weinberg, Frank Zhang

Regrets: Carolyn Atkins, Olav Lian, Lenore Newman

Recorder: Caroline Majeau

1. GUESTS and INTRODUCTIONS

- 1.1. Devon Bailey, Senior Officer is a new member of the Advancement & Alumni Relations Team. She shared how she can support the Faculty of Science. Email her with any questions to devon.bailey@ufv.ca.
- 1.2. Amanda Roberts, PLAR Manager from the Centre for Experiential and Career Education spoke to the changes proposed to Policy 94, Prior Learning Assessment and Recognition and requested feedback from the council. Discussion followed. She asked faculty to reach out to her if they had further questions or comments. The padlet link for feedback: <https://padlet.com/AmandaRobertsUFV/DraftPolicy94PLAR>

2. AGENDA and MINUTES

2.1. Adoption of Agenda

Lucy requested to add Agenda Item 3.1 Chemistry Motion.

MOTION:

THAT the Science Faculty Council adopt the agenda with the addition of item 3.1 Chemistry motion.

Ben V. / 2nd Jason T.; all in favour; adopted.

2.2. Approval of the Minutes - February 4, 2022

MOTION:

THAT the Science Faculty Council approve the minutes from February 4, 2022 as presented.

Nathan B. / 2nd Afia R.; all in favour; approved.

3. DISCUSSION / DECISIONS

3.1. Implementation of Indigenization and EDI - Motion from the Department of Chemistry

Jason T. introduced the motion being brought forward on behalf of the Chemistry Department. Chemistry is requesting UEC to reconsider their decision requiring mandatory Indigenization and EDI requirements at the course level and are recommending question 6 and 7 be made optional. Discussion followed. It was suggested that the motion be amended. The recommended amendment to the motion was approved by the mover, Jason and seconder, Cory. The voting procedure was discussed. Voting was then taken over the chat section.

MOTION:

THAT the Science Faculty Council moves that the following requirements be made optional: questions 6 and 7 on the UEC course outline memo and the requirement for Indigenous epistemologies on the official course outline.

Jason T. / 2nd Cory B.; 14 in favour, 6 not in favour, 3 abstentions; passed.

4. FSCC (Curriculum Committee) - Ben Vanderlei

For Decision:

4.1. Proposed Revisions - **ENPH 310: Electronics**

4.2. Proposed revisions - **ENPH 320: Digital Design (formerly Electronics II)**

4.3. Proposed revisions - **ENPH 340: Microcontrollers and Embedded Systems (Formerly ENGR 340: Micro Processors)**

4.4. Proposed revisions - **ENPH 390: Mechatronics**

OMNIBUS MOTION:

THAT the Science Faculty Council approve the requested revisions to **ENPH 310, ENPH 320, ENPH 340, and ENPH 390** as presented.

Tony S. / 2nd Noham W.; all in favour; approved.

5. FSCC (Curriculum Committee)

For Information: The following courses were already approved through the Faculty of Applied and Technical Studies

5.1. **ENGR 123: Engineering Design I**

5.2. **ENGR 153: Structured Programming for Engineers**

6. REPORTS

6.1. **Dean's Report - Lucy Lee**

- There are 8 Limited Term Appointments being distributed to various science departments.

- A new position for an Indigenous Scholar within the area of the sciences will be posted soon.
- Lucy will be away second last week of March. As Ian will also be away, an Acting Dean will be assigned.

6.2. Advising - Karen Cooper

- Graduation applications are on task. They are looking to exceed last year's numbers.
- Karen spoke about the upcoming Sustainability events, in particular the Sustainability Career Panel to be held on March 23. Students have been requesting information on this topic for some time.
- Stefania Pizzirani shared March for Sustainability event information and registration details on Eventbrite.
- Jane Webb's term as Science Faculty Advisor is coming to an end. A call will be going out for a replacement Science Faculty Advisor. It's a 2-year position and does include a 2-course release per year.

6.3. BSc Committee - Stan Manu
Nothing to report.

6.4. Indigenization and EDI

Stefania will share links with Caroline to include in the minutes. The links have examples of Indigenous Science, and how Indigenous and western science can work together specifically for math, physics, and chemistry.

- <https://pressbooks.bccampus.ca/knownhome/chapter/chapter-1/>
- How to include Indigenous researchers and their knowledge <https://www.nature.com/articles/d41586-021-00022-1>
- Gregory Cajete – Native Science: The Indigenous Mind Rising: <https://www.youtube.com/watch?v=3BqoZhp2Zn4>
- Teaching about Tipi Technology: <http://blog.statemuseum.nd.gov/blog/teaching-about-tipi-technology> ; <https://www.learningforjustice.org/magazine/spring-2000/tipi-technology>
- Secondary Maths and Physics: <https://sd73aboriginaleducation.weebly.com/math--physics.html>
- UFV Training courses: <https://events.ufv.ca/tlc/>

6.5. Senate - Pedro Montoya-Pelaez | Jonathan Hughes
Nothing to report.

6.6. Students - Heather Kelly

March 31st is Student Research Day. Since the date was announced quite late, Heather has received many comments from students indicating that it doesn't work for many of the reserach students. The date could not be changed.

6.7. Other Reports
N/A

7. INFORMATION ITEMS

- 7.1.** Expressions of interest are now being sought from faculty, staff, and students to serve on Senate's standing committees, for terms of office beginning August 1, 2022. The Senate Governance Committee (SGC) welcomes expressions of interest for the available positions listed on the Standing Committee Vacancies web page: <https://www.ufv.ca/secretariat/get-involved/standing-committee-vacancies/>. The deadline for receipt of expressions of interest is 9:00am on March 15, 2022. If you have questions, please email Lisa Boldt at UFVsecretariat@ufv.ca.
- 7.2.** On February 3, 2022, the Board of Governors approved the following policies and policy direction review and revisions: [BRP-200.02 Board Policy on Development and Review of Administrative Policies](#); [BGB-110.08 Officers of the Board](#); [BGB-110.10 Educational Activities](#); [BGB-110.14 Board Meeting Management and Board Processes Management](#).
- 7.3.** Monthly reports to the Provost from the Faculty of Science can be found here: <https://ufv.ca/science/deans-office/monthly-department-highlights/>. If you have news to share, please email Caroline so it can be included on our next report.

8. ADJOURNED: 3:00 PM