

**SCIENCE FACULTY COUNCIL  
MINUTES**

Friday, November 1, 2019 - Room B121

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**Chair:** Lucy Lee, Dean  
**Present:** Carolyn Atkins, Nathan Bialas, Margret Bollerup, Karen Cooper, Aisa Dobie, Robin Endelman, Grant Fritzke, Kseniya Garaschuk, Golfam Ghafourifar, Jonathan Hughes, Anna Kuczynska, Olav Lian, Cindy Loten, Stefania Pizzirani, Greg Schlitt, Greg Schmaltz, Isabelle St-Martin, Tony Stea, Norm Taylor  
**Regrets:** Ian Affleck, David Fenske, Longlong Huang, Vanessa Radzimski, Alan Reid  
**Recorder:** Caroline Majeau

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**1. GUESTS and INTRODUCTIONS**

- 1.1.** Dr. Jon Thomas, Associate Professor, from the UFV School of Business & BC Regional Innovation Chair on Canada-India Partnership Development, Research Engagement & Graduate Studies presented on his research on science-based entrepreneurship. He spoke about the Robert Langer Case Study and how his leadership and other factors created a successful research enterprise. A discussion on patents and available research opportunities followed. Dr. Thomas advised that UFV signed a partnership with [Mitacs](#) in early 2018 and is available across disciplines for undergraduates to post docs.

**2. AGENDA and MINUTES**

**2.1. Adoption of Agenda**

**MOTION:**

THAT the Science Faculty Council adopt the agenda as presented.  
*Norm T. / Grant F.; all in favour; approved.*

**2.2. Approval of the Minutes - October 4, 2019**

**MOTION:**

THAT the Science Faculty Council approve the minutes from October 4, 2019 as presented.  
*Nathan B. / 2nd Jonathan H.; all in favour; approved.*

**3. DISCUSSION / DECISIONS - N/A**

**4. FSCC (Curriculum Committee) - Norm Taylor**

For Decision:

Norm T. spoke to agenda items **4.1 - 4.3** and provided the rationale for each proposal.

**4.1. Proposed revision of PHYS 111 (Mechanics) - 6 year review**

In addition to minor updates to the course outline the learning outcomes were revised to reflect more closely the way the course is being taught, the prerequisites were updated to align with the Math offerings and course numbers altered by UUP.

**4.2. Proposed revision of PHYS 221 (Intermediate Mechanics) - 6 year review**

In addition to minor updates to the calendar description and learning outcomes, the textbook was updated and the evaluation method was revised to reflect the way the course is currently being taught. The supervised lab hours have also been updated from 45 to 30.

**4.3. Proposed revision of PHYS 408 Special Topics in Physics - 6 year review**

The course hours have been revised from 100 to 45, and as 'communicating scientific knowledge' is a major component of the course it is now reflected in the learning outcomes.

**OMNIBUS MOTION:**

THAT the Science Faculty Council approve the revisions to PHYS 111, PHYS 221 and PHYS 408 as presented.

*Norm T. / 2nd Tony S.; all in favour; approved.*

**4.4. Proposed revision of STAT/MATH 370 Probability and Stochastic Processes - 6 year review**

Norm T. spoke to the revisions which included minor updates to the calendar description and learning outcomes. Instructional hours were increased from 45 to 50 to align with other Math & Stats 3-credit courses, updated textbook and course content to reflect the more specific course outcomes.

**MOTION:**

THAT the Science Faculty Council approve the revisions to STAT/MATH 370 as presented.

*Norm T. / 2nd Robin E.; all in favour; approved.*

**5. FSCC (Curriculum Committee)**

For Information: N/A

**6. REPORTS**

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

- Lucy advised the Faculty of Science budget is healthy. Two new positions are pending final approval in Math and Biology.
- Dr. Rosa Galvez, Government of Canada Senator has accepted our invitation to present at our Faculty of Science Dean's Seminar Series in January 2020. She is an engineer with a PhD from McGill in Environmental Sciences. The exact date to be confirmed.

- Lucy advised that her office will be reaching out to each of the science departments regularly for newsworthy items to include in our monthly report to the VP Academic. The news can be about faculty, staff, and students.

**6.2. BSc Committee - Greg Schlitt**

The BSc Committee is currently working through the feedback they received from departments on the framework they put together. The committee will be meeting again in November.

**6.3. Advising - Karen Cooper**

- The winter timetable is up. Registration starts November 18<sup>th</sup>.
- The winter/summer calendar is posted. If changes were expected, please review for accuracy. The Biochemistry major is included.

**6.4. Senate - Jonathan Hughes**

- The major decision items were all approved at Senate including the entrance requirements to the Bachelor of Environmental Studies.
- Academic misconduct 2018/2019 total of 210 incidences was reported.

**6.5. Library Advisory Committee - Grant Fritzke**

- LAC anticipates the new Records Manager will strengthen the case for an institutional archive.
- The CEP Library will be undergoing renovation in the winter 2020. The library will remain open during construction.
- The library typically does not carry course textbooks. The faculty and departments are encouraged to loan a spare copy to the library for the semester, to be placed on course review.
- The Library has a new search engine: <https://library.ufv.ca/books-dvds/>. The major advantage is that search results are more relevant and known titles are much easier to find.

**6.6. Other Reports**

**7. INFORMATION ITEMS – N/A**

- Faculty Services has moved back upstairs. Since the area is much smaller, the extra computer is no longer available. Lucy advised that there are others that can be used in the Teaching and Learning area and library.
- White Boards are available for faculty to use if needed. They are on rollers and can be found in D204 and in D217.

**8. ADJOURN - 2:05 PM**

**Next Meeting:** November 29, 2019 @ 1:00 PM Room B121