

SCIENCE FACULTY COUNCIL MINUTES

Friday, January 10, 2020 - Room B121

Chair:	Lucy Lee, Dean
Present:	Ian Affleck, Allan Arndt, Carolyn Atkins, Cory Beshara, Nathan Bialas, Margret Bollerup, Linus Chiang, Karen Cooper, Grant Fritzke, Kseniya Garaschuk, Golfam Ghafourifar, Longlong Huang, Anna Kuczynska, Olav Lian, Stefania Pizzirani, Vanessa Radzimski, Isabelle St-Martin, Tony Stea, Norm Taylor, Ben Vanderlei, Jane Webb
Regrets	Aisa Dobie, Sandra Gillespie, Sharon Gillies, Jonathan Hughes, Carlos Leon, Greg Schmaltz
Recorder:	Caroline Majeau

1. GUESTS and INTRODUCTIONS

- 1.1. To be rescheduled: Darin Lee, Adam Eason, Jamie Gamble, Alex Diaz and Raman Bhinder - IT Services/Business Transformation update and introduction of new directors.

2. AGENDA and MINUTES

2.1. Adoption of Agenda

Due to inclement weather, our guests had to cancel their visit. A new date will be arranged.

MOTION:

THAT the Science Faculty Council adopt the agenda with the removal of guests.
Tony S. / 2nd Olav L.; all in favour; adopted.

2.2. Approval of the Minutes - November 29, 2019

MOTION:

THAT the Science Faculty Council approve the minutes from November 29, 2019 as presented.
Tony S. / 2nd Nathan B.; all in favour; approved.

3. DISCUSSION / DECISIONS - N/A

Lucy advised council that the 2-year SFC Vice-Chair term had come to an end August 2019. Ben Vanderlei and Greg Schmaltz held this position as co-vice chairs. Although Greg was not able to attend the meeting, he advised Lucy he would let his name stand. Ben also agreed to let his name stand. This term will be September 1, 2019 – August 31, 2021.

Norm T. nominated Ben Vanderlei as Vice-Chair of SFC / 2nd Ian A.; all in favour; acclaimed.

4. FSCC (Curriculum Committee) - Ian Affleck

For Decision:

4.1. Certificate in Applied Bioinformatics Proposal | BIO 333 Bioinformatics I | BIO 433 Bioinformatics II

Ben V. provided a brief overview of the proposed Certificate in Applied Bioinformatics, including the two new courses which still need to be developed. A discussion followed.

MOTION:

THAT the Science Faculty Council approve the Certificate in Applied Bioinformatics and both BIO 333 and BIO 433 courses to be developed.

Ben V. / 2nd Tony S.; all in favour; approved.

4.2. PHYS 225 Waves and Introductory Optics - 6-year review

Norm T. spoke to the revisions to PHYS 225 which include updates to the calendar description, increase in total hours from 75 to 90 to reflect the actual contact time and minor revisions made to the learning outcomes. It was suggested to reword learning outcome from “work in groups ...” to “work collaboratively in groups ...”.

MOTION:

THAT the Science Faculty Council approve the revisions to PHYS 225 Waves and Introductory Optics as presented including the suggested update to the learning outcome.

Norm T. / 2nd Cory B.; all in favour; approved.

4.3. PHYS 382 Modern Physics Laboratory I - 6-year review

4.4. PHYS 383 Modern Physics Laboratory II - 6-year review

Norm spoke to PHYS 382 and PHYS 383 which include updates to the calendar descriptions, total hours increased from 45 to 60, class size decreased to 20 due to lab space and changes to learning outcomes and instructional methods although the course remains essentially the same. Discussion followed. It was recommended that regarding PHYS 383(482) that the Corequisites be moved to Pre/corequisites. Update learning outcome #5 and #6 wording for PHYS 382 to “show the technical communication ...” and “demonstrate familiarity with the theory ...”

OMNIBUS MOTION:

THAT the Science Faculty Council approve PHYS 382 AND PHYS 383 with the noted changes to the corequisites for PHYS 383 and revise the wording for learning outcomes for PHYS 382.

Norm T. / 2nd Cory B.; all in favour; approved.

5. FSCC (Curriculum Committee)

For Information:

5.1. Memo to SFC summarizing information items 5.2 - 5.9

5.2. BIO 111 Introductory Biology I - 6-year review

The calendar description has been revised to 40 words; texts revised to reflect current textbook/lab manual; and rewording of existing prerequisites to clarify. Changes to the

learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

5.3. BIO 112 Introductory Biology II - 6-year review

The calendar description has been revised to 40 words; texts revised to reflect current textbook/lab manual; and changes to the learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

5.4. BIO 201 Cell Biochemistry/Metabolism - 6-year review

Changes to the learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

5.5. BIO 202 Cell Signaling/Gene Regulation - 6-year review

Changes to the learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

5.6. BIO 210 Ecology - 6-year review

Changes to the learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

5.7. BIO 220 Genetics - 6-year review

Changes to the learning outcomes were made to better align with the institutional and departmental learning outcomes. The course itself and the way it is taught has not changed.

The learning outcome wording was discussed regarding BIO 111, BIO 220, BIO 201 and BIO 202. Tony will look over the wording of the learning outcomes, revise accordingly and resend to Caroline to forward to UEC.

5.8. PHYS 352 Special Relativity and Classical Fields - 6-year review

The calendar description has been updated to be more concise; minor updates to the learning outcomes; and addition of a new textbook.

5.9. ENGR 113 Engineering Physics - Statics & Dynamics

This course has been approved by the Faculty of Applied and Technical Studies and has only come through SFC for information purposes only. Due to the incoming Common core for all first-year engineering programs the course has been revised. The calendar description has been updated to be more concise; minor updates to the learning outcomes; and addition of a new textbook.

6. REPORTS

6.1. Dean's Report - Lucy Lee

- Lucy has been providing monthly summaries to the VP Academic since October 2019. These reports will now be available on our Faculty of Science website: <https://ufv.ca/science/deans-office/monthly-department-highlights/>. These summaries include news from our blog, relevant presentations and publications during that specific month. Lucy encouraged faculty to send their monthly news so it can be included in future summaries.

- Renovations are going well. Biology will be highly affected in the summer due to moving the labs to Chilliwack. The geography area is on time. The 4th floor in A Building has been painted.
- Jonathan Hughes has begun his 5-year term as Director of SoLUEC. His faculty position has been advertised and two further geography positions are in the works. Amy Huesken has joined the school as the new School Assistant.
- Lucy advised she will be on vacation after today. She will be back on January 24th.
- The London International Youth Science Forum (LIYSF) is now open for applications. Lucy encouraged faculty to share the information with their students. Last year's participant, Isabelle St-Martin, will be presenting at the next SFC meeting in addition to an information session being held on January 28, 2020 at 2:30 PM in B121.

6.2. BSc Committee - Nothing to Report

6.3. Advising - Karen Cooper

- Karen thanked the faculty for submitting grades on time.
- The grads have been entered from the summer and fall semesters. There were 22 BSc; 0 Associates; 2 Engineering/Physics Diplomas; and, 2 GIS Certificates.

6.4. Senate - Nothing to report

6.5. Other reports – N/A

7. INFORMATION ITEMS

- 7.1.** The Faculty Excellence Award Nominations' deadline is January 10, 2020. All questions can be directed to UFVsecretariat@ufv.ca.

8. ADJOURN - 1:55 PM

Next Meeting: February 7, 2020 @ 1:00 PM Room B121