

SCIENCE FACULTY COUNCIL MINUTES

Friday, September 8, 2017 - Room A269

Chair: Greg Schlitt, Acting Dean
Present: Ian Affleck, Allan Arndt, James Bedard, Cory Beshara, Nathan Bialas, Linus Chiang, Jeff Chizma, David Chu, Karen Cooper, Tim Cooper, Robin Endelman, Kseniya Garaschuk, Golfam Ghafourifar, Sandra Gillespie, Patrick Harrison, Longlong Huang, Jonathan Hughes, Anna Kuczynska, Karin Loots, Cynthia Loten, Stan Manu, Steve Marsh, Pedro Montoya-Pelaez, Janice Nagtegaal, Kathy Peet, Renee Prasad, Alan Reid, Rebecca Robertson, Gregory Schmaltz, Shaun Zheng Sun, Erik Talvila, Norm Taylor, Ben Vanderlei, and Jane Webb
Regrets: Avril Alfred, Jennifer Barrett, David Fenske, Grant Fritzke, David Harper, Carmen Herman, Lin Long, Perrin Waldock, and Noham Weinberg
Recorder: Caroline Majeau

1. GUESTS and INTRODUCTIONS

2. AGENDA and MINUTES

2.1. Adoption of Agenda

Norm Taylor requested to add 4.1 Business Arising from minutes - Appointment of SFC Vice Chair

MOTION:

That Faculty Council approve the agenda with the addition of 4.1 Appointment of SFC Vice Chair.

Jane W. / 2nd Cindy L. All in favour. Carried.

2.2. Approval of the Minutes - May 26, 2017

MOTION:

That Faculty Council approve the minutes of May 26, 2017 as presented.

Norm T. / 2nd Alan R. All in favour. Approved.

3. DEAN'S REPORT - Greg Schlitt

3.1. Renovations Update:

Greg provided a brief overview of the renovations we have seen in over the past few months.

3.2. BSc Computer Science

The BSc in Computer Science program has received final approval by the Ministry.

3.3. Science Rocks! Update:

This year marks the 10th year of Science Rocks! They had a total of 114 kids register over the 6 week period.

3.4. Waste Reduction:

Pat Harrison provided an update in addition to a handout on the new waste reduction procedures at UFV. Sustainable UFV will be holding their first meeting Thursday, Sept 21st from 11-1 and the kickoff event will be the audit on the green. Kseniya G. mentioned that T-Building does not have the new recycle bins. Pat H. will contact Facilities.

3.5. Upcoming Events:

Dean's Seminar Series with Gwen Point: Thursday, September 28th in B101 1:30 - 2:30. First Nations Perspective on Canada's 150. Science Social follows at 5:00 pm - more information will follow.

3.6. Evaluation Distribution Procedures

The Dean's offices, with HR and UFV's legal counsel have streamlined the process for distributing the student evaluation summary documents to faculty. The evaluation process itself has not changed, only the distribution system. Going forward, the evaluation summary documents will be emailed to faculty following appropriate procedures that have been put in place.

3.7. Terms of Reference:

Greg S. provided an overview of Science Faculty Council's Mandate. He posed a question to council asking for suggestions to help make council meetings ore interesting and a better use of faculty members' time. A discussion followed with a suggestion to have the Science Curriculum Committee's look over their Terms of Reference and determine the distinction between significant and reportable changes and bring back to the next SFC for approval.

MOTION:

THAT Science Faculty Council instruct the Science Curriculum Committee to revisit the significant/reportable routine distinction set out in the Terms of Reference and to bring back a proposal to next Faculty Council
Norm T. / 2nd Karen C. All in favour; carried.

4. BUSINESS ARISING FROM THE MINUTES

4.1. Appointing of Vice-Chair of Faculty Council - Norm Taylor

According to the Terms of Reference the appointment of Greg Schmaltz and Ben Vanderlei as co-vice chairs of Science Faculty Council should have been voted on at the last SFC meeting.

MOTION:

THAT the Science Faculty Council appoint Greg and Ben as co-vice chairs of

Science Faculty Council.
Norm T. / 2nd Cindy L. / All in favour; approved.

5. DISCUSSION / DECISIONS

5.1. Vision & Mission Statements - Greg Schlitt

The Faculty of Science Mission and Vision Statements were reviewed.
Suggested revisions were brought forward by the Science Department Heads.
Additional revisions were made by council.

MOTION:

THAT Science Faculty Council approve the revisions to the Mission and Vision Statements as modified.

Pedro M-P. / 2nd Ben V. / 1 Abstention / carried.

6. FSCC (Curriculum Committee) - Ian Affleck

6.1. Bachelor of Agriculture Science changes

Ian A. provided a brief overview of the changes made to the program including the addition of the co-op option.

MOTION:

THAT the Science Faculty Council approve the changes made to the Bachelor of Agriculture of Science degree as presented.

Norm T. / 2nd Allan A. / All in favour; carried.

6.2. BIO 301 Anatomy and Physiology of Invertebrates

6.3. BIO 307 Anatomy and Diversity of Plants

6.4. BIO 442 Tropical Field School – New Course

Allan A. spoke to Items 6.2 BIO 301, 6.3 BIO 307, and 6.4 BIO 442.

MOTION:

OMNIBUS MOTION: THAT the Science Faculty Council approve BIO 301 Anatomy and Physiology of Invertebrates, BIO 307 Anatomy and Diversity of Plants, and BIO 442 Tropical Field School as presented.

Allan A. / 2nd Alan R. All in favour; approved.

6.5. GEOG 117 Dinosaurs – New Course

Steve M. provided an overview of the new course being offered.

6.6. GEOG 357/BIO 357 Conservation GIS – New Course

Steve M. provided the rationale for regularizing this special topics course.

6.7. GEOG 700, 702, 719, 754, 710/BIO 710 (MIST Program)

Steve M. presented the 7XX level Geography courses which were tabled at the

November 2016 meeting. The learning outcomes were revised slightly.

MOTION:

OMNIBUS MOTION: THAT the Science Faculty Council approve GEOG 117 Dinosaurs, GEOG 357/BIO 357 Conservation GIS, and GEOG 700, 702, 719, 754 and 710/BIO 710 as part of the MIST Program as presented.
Steven M. / 2nd Jonathan H. All in favour; passed.

- 6.8. **MATH 105 Math for Elementary School Teachers**
- 6.9. **MATH 110 Pre-Calculus Math**
- 6.10. **MATH 111 Calculus**
- 6.11. **MATH 123 Everyday Math & Stats**
- 6.12. **MATH 124 Finite Math with Applications in the Information Sciences**
- 6.13. **MATH 125 Introduction to Discrete Mathematics**
- 6.14. **MATH 140 Algebra and Functions for Business**
- 6.15. **MATH 141 Calculus for Business**
- 6.16. **STAT 106 Statistics**

Ian A. presented items 6.8 - 6.16. Discussion followed regarding Policy 105 and the decrease in hours from 75 to 60.

MOTION:

OMNIBUS MOTION: THAT the Science Faculty Council approve MATH 105, 110, 111, 123, 124, 125, 140 141 and STAT 106 as presented.
Jonathan H. / Robin E. All in favour / passed

- 6.17. **Data Analysis Post-baccalaureate Certificate (Program Change)**

Ian provided the rationale for the program change. He indicated that the Coop office is in full agreement.

MOTION:

That the Science Faculty Council approve the program changes to the Data Analysis Post-baccalaureate Certificate as presented.
David C. / 2nd Shaun S. All in favour; approved.

7. REPORTS

- 7.1. **BSc Program Committee - Greg Schlitt**

The committee will have something to present at the October SFC meeting.

- 7.2. **Advising Centre - Karen Cooper**

Karen advised that over the summer there were a lot of co-op jobs that required students. Co-op will be doing a front end promotion to students to inform them on coop. Degree audit should be coming out to the students on their MyUFV. Check their account to see where they are within their degree. Stan Manu is continuing as the Faculty Adviser for one more year.

7.3. Senate Report - Norm Taylor

Nothing to Report

7.4. Nomination Committee - Ben Vanderlei

Ben V. advised council that the committee has put a call out for nominations for 2 student representatives, 2 staff representatives, and 2 sessional representatives for SFC. The deadline to nominate is September 15, 2017. If more than 2 nominations per group are received, then it will go to a vote which will be held September 25-29. The first meeting for the new representatives will be the October 6th meeting.

8. INFORMATION ITEMS

8.1. FSCC Chair

Allan Arndt has finished his term as Chair of FSCC. Ian Affleck was acclaimed as the new Chair of Faculty of Science Curriculum Committee for 2017-2019.

9. ADJOURN

Next Meeting: October 6, 2017 @ 1:00 PM Room A269



Mission Statement

Our mission is to develop critical thinking, scientific literacy, technological and quantitative proficiency, analytical abilities, communication skills, and a commitment to global responsibility among an increasingly diverse profile of lifelong learners from the Fraser Valley, Canada, and the world. We will do this through high levels of engagement among faculty and students, continued community outreach and excellence in teaching, research, and practical skills training in science.

Vision Statement

The Faculty of Science at UFV...

- cultivates scientifically, technologically and quantitatively literate learners with sharp analytical and critical thinking abilities, who can contribute positively to society and the workplace,
- provides an environment in which students and faculty identify, understand and work to meet pressing environmental, health, and technological challenges,
- is committed to experiential learning and community outreach, and multi-modal educational delivery, be it in the classroom, laboratory, field, on-line, or through independent research.

Revised at SFC September 8, 2017