



PROGRAM DEVELOPMENT COMMITTEE
Minutes of Meeting

Date: May 11, 2020
Time: 9:30-11:05am
Room: Virtual Meeting

Committee Members: Dr. Randy Bowers Linden Crain, Emily Fraser, Pedro Kantati, Mitul Konsadariya, Dr. Erika Kustra, Dr. Douglas Kneale, Diana Marion, Dr. Kevin Milne, Aman Patel, Karen Pillon, Dr. Jeremy Rawson, Dr. John Sutcliffe, Dr. Maureen Sterling, Dr. Patricia Weir, Dr. Jeremy Worth, Dr. Greg Chung-Yan (Chair).

Absent: Dr. Ken Montgomery, Dr. Nurlan Turdaliev.

Attendance: Dr. Zhenzhong Ma, Dr. Iain Samson, Alice Grgicak-Mannion; Renée Wintermute (University Secretary), Alison Zilli (University Secretariat).

Formal Business

1 Approval of Agenda

Items 5.7 and 5.9 were starred.

MOTION: That the agenda be approved.

K. Pillon/Dr. P. Weir
CARRIED, as amended

2 Minutes of April 13, 2020

(See document PDC200413M for more details.)

MOTION: That the minutes of April 13, 2020 be approved.

E. Fraser/Dr. J. Worth
CARRIED

3 Business arising from the minutes

Nothing to report.

4 Outstanding Business

Nothing to report.

Items for Approval

5 Reports/New Business

5.1 Master or Management (MOM) – Major Program Change (Form B)

(See document PDC200511-5.1 for more details.)

MOTION: That the new field in Business Data Analytics in the Master of Management program be approved.[^]

[^]*Subject to approval of the expenditures required.*

Dr. P. Weir/Dr. M. Sterling

NOTED:

- In response to a question raised regarding domestic student recruitment, it was noted that the Master of Business Administration (MBA) is targeted to domestic students and the Master of Management (MOM) targeted to international students. Domestic students can apply to the MOM program, but it is not common due to the nature of the program and the cost.
- Currently students in the MOM can specialize in four streams: International Accounting and Finance, Logistic and Supply Chain Management and, Manufacturing Management.
- The proposal is for a new field in Business Data Analytics to address the growing demands of the current workforce and shift towards quantitative techniques and artificial intelligence to support managerial decisions.

CARRIED

***5.1.1 Master of Management - New Course Proposals (Form D)**

(See document PDC200511-5.23 for more details.)

MOTION: That the following courses be approved: ^
BSMM-8710. Introduction to Data Analytics
BSMM-8720. Data Analytics and Project Management
BSMM-8730. Data Acquisition and Management
BSMM-8740. Data Analytic Methods and Algorithms
BSMM-8750. Predictive Modeling and Decision-Making (Capstone)

^Subject to approval of the expenditures required.

***CARRIED**

***5.2 Integrative Biology – Minor Program Changes (Form C)**

(See document PDC200511-5.2 for more details.)

MOTION: That the degree requirements for the Behaviour, Cognition and Neuroscience program be changed in accordance with the program/course change forms. ^

^Subject to approval of the expenditures required.

***5.3 Chemistry and Biochemistry – Minor Program Changes (Form C)**

(See document PDC200511-5. 3 for more details.)

MOTION: That the degree requirements for the Honours Chemistry and Honours Chemistry with Thesis be changed in accordance with the program/course change forms. ^

^Subject to approval of the expenditures required.

***CARRIED**

***5.4 Political Science – Minor Program Changes (Form C)**

(See document PDC200511-5.4 for more details.)

MOTION: That the degree requirements for the Bachelor of Arts Honours Law and Politics (with and without thesis) be changed in accordance with the program/course change forms. ^

^Subject to approval of the expenditures required.

***CARRIED**

***5.5 Computer Science – Minor Program Changes (Form C)**

(See document PDC200511-5.5 for more details.)

MOTION: That the degree requirements for the Bachelor of Computer Science (General), Bachelor of Computer Science (Honours), Bachelor of Computer Science (Honours Applied Computing), Bachelor of Science (Honours Computer Information Systems), Bachelor of Science (Honours Computer Science with Software Engineering Specialization), Combined Honours Computer Science Programs, Bachelor of Computer Science (General) for University Graduates, and Bachelor of Computer Science (Honours Applied Computing) for University Graduates be changed in accordance with the program/course change forms.^

^Subject to approval of the expenditures required.

***CARRIED**

***5.6 Biochemistry and Biomedical Science – Minor Program Changes (Form C)**

(See document PDC200511-5.6 for more details.)

MOTION: That the BSc Honours Biology and Biochemistry (Health and Biomedical Stream) be renamed BSc Honours Biochemistry and Biomedical Science (Health Stream) and that the degree requirements for the program be changed in accordance with the program/course changes forms.^

^Subject to approval of the expenditures required.

***CARRIED**

5.7 Combined Business and Political Science Programs – Combined Program (Form C2)

(See document PDC200511-5.7 for more details.)

MOTION: That the Bachelor of Commerce (Honours Business Administration and Political Science) (with/without thesis) and Bachelor of Commerce (Honours Business Administration and Political Science with Specialization in Human Resources) (with/without thesis) be approved.^

^Subject to approval of the expenditures required.

Dr. P. Weir/Dr. J. Sutcliffe

AGREED:

- In response to concern raised about the layout of the degree requirements, it was agreed that clarification be provided between the business non-thesis/thesis streams and the political science non-thesis/thesis streams.

CARRIED, subject to revisions

***5.8 Integrative Biology – New Course Proposal (Form D)**

(See document PDC200511-5.8 for more details.)

MOTION: That the following course be approved:^

BIOL-4220. Science Communication: A Biological Approach

^Subject to approval of the expenditures required.

***CARRIED**

5.9 Biomedical Sciences – New Course Proposals (Form D)

(See document PDC200511-5.9 for more details.)

MOTION: That the following courses be approved: ^

BIOM-3540. Immunology

BIOM-3400. Neurobiology of the Synapse

^Subject to approval of the expenditures required.

Dr. K. Milne/Dr. J. Worth

NOTED:

- In response to a question raised about whether the course levels (i.e., 2000 vs 3000) are “meaningful”, it was noted that this depends on how the courses are sequenced in a program as well as the material being taught in the course.
- Most programs are structured so that their courses build on each subsequent year, while other programs are more flexible with the core introductory courses in first year and a mix of courses in the upper years 2000-4000 level.
- It is common to teach an introduction to a new topic at the upper-year level, which requires knowledge from lower-level courses.
- In this proposed course, Immunology, students are introduced to topics such as cells and organs of the immune system, which requires knowledge from first and second year courses.

AGREED:

- In light of the discussion it was agreed that the term “introductory” be changed to “foundational”.

CARRIED, as amended

***5.10 Chemistry and Biochemistry – New Course Proposals (Form D)**

(See document PDC200511-5.10 for more details.)

MOTION: That the following courses be approved: ^

CHEM-4680. Applied Analytical Laboratory

CHEM-4832. Magnetochemistry

^Subject to approval of the expenditures required.

***CARRIED**

***5.11 Faculty of Arts, Humanities, and Social Science (FAHSS) – New Course Proposal (Form D)**

(See document PDC200511-5.11 for more details.)

MOTION: That the following course be approved: ^

GART/SOSC-1210. An Introduction into Indigenous Topics

^Subject to approval of the expenditures required.

***CARRIED**

***5.12 Kinesiology – New Course Proposal (Form D)**

(See document PDC200511-5.12 for more details.)

MOTION: That the following course addition be approved: ^

KINE-3630. Cognitive Ergonomics

^Subject to approval of the expenditures required.

***CARRIED**

***5.13 Nursing – New Course Proposals (Form D)**
(See document PDC200511-5.13 for more details.)

MOTION: That the following courses be approved: ^
NURS-2522. Clinical Practicum II
NURS-2130. Professional Nursing III

^Subject to approval of the expenditures required.

***CARRIED**

***5.14 Science – New Course Proposal (Form D)**
(See document PDC200511-5.14 for more details.)

MOTION: That the following course be approved: ^
SCIE-1900. First-Year Seminar in Science

^Subject to approval of the expenditures required.

***CARRIED**

***5.15 Law – New Course Proposals (Form D)**
(See document PDC200511-5.15 for more details.)

MOTION: That the following courses be approved: ^
LAWG-5701. Trauma Informed Lawyering
LAWG-5702. Comparative Equality Law and Intersectional Discrimination: Critical and
Transnational Perspectives
LAWG-5703. Election Law

^Subject to approval of the expenditures required.

***CARRIED**

***5.16 Chemistry and Biochemistry – New Course Proposals**
(See document PDC200511-5.16 for more details.)

MOTION: That the following courses be approved: ^
BIOC-8208. Scattering Techniques in Biochemistry
BIOC-8404. Computational Enzymology
CHEM-8600. Surface Chemistry and Analysis
CHEM-8820. Introduction to Materials Chemistry
CHEM 8821. Materials Chemistry Laboratory
CHEM-8831. Research Project
CHEM-8832. Magnetochemistry

^Subject to approval of the expenditures required.

***CARRIED**

***5.17 Master of Business (MBA) – New Course Proposals (Form D)**
(See document PDC200511-5.17 for more details.)

MOTION: That the following courses be approved: ^
BUSI-8150. Business Analytics
STEN-8990. Capstone Project

^Subject to approval of the expenditures required.

***CARRIED**

***5.18 University Teaching Program (UTP) – New Course Proposals (Form D)**

(See document PDC200511-5.18 for more details.)

MOTION: That the following courses be approved:^

CTLP-8100. Course Design

CTLP-8200. Learning-Centred Teaching in Higher Education

^Subject to approval of the expenditures required.

***CARRIED**

***5.19 Master of Business Administration (MBA) – Minor Program Changes (Form C)**

(See document PDC200511-5.19 for more details.)

MOTION 1: That the degree requirements for the Master of Business Administration and Master of Business for Managers and Professionals programs be changed in accordance with the program/course change forms.^

MOTION 2: That the Master of Business Administration (Co-op) program be discontinued.

^Subject to approval of the expenditures required.

***CARRIED**

***5.20 Master of Medical Biotechnology (MMB) – Minor Program Changes (Form C)**

(See document PDC200511-5.20 for more details.)

MOTION: That the admission and degree requirements for the Master of Medical Biotechnology (MMB) be changed in accordance with the program/course change forms.^

^Subject to approval of the expenditures required.

***CARRIED**

***5.21 Graduate Regulations – Minor Program Changes (Form C)**

(See document PDC200511-5.21 for more details.)

MOTION: That the program requirements for Master's degrees and Doctor of Philosophy degrees be changed in accordance with the program/course change forms.^

^Subject to approval of the expenditures required.

***CARRIED**

***5.22 School of Creative Arts (Graduate) – Minor Program Changes (Form C)**

(See document PDC200511-5.22 for more details.)

MOTION: That the Master of Fine Arts in Media Arts be renamed Master of Fine Arts in Film and Media Arts, and that the admission and degree requirements for the Master of Fine Arts in Film and Media Arts and the Master of Fine Arts in Visual Arts (MFA) and be changed in accordance with the program/course change forms.^

^Subject to approval of the expenditures required.

***CARRIED**

Items for Information

***5.23 Biomedical Sciences – Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.23 for more details.)

The document was received for information.*

***5.24 Kinesiology – Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.24 for more details.)

The document was received for information.*

***5.25 Business (Graduate) – Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.25 for more details.)

The document was received for information.*

***5.26 Business – Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.26 for more details.)

The document was received for information.*

***5.27 Chemistry and Biochemistry – Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.27 for more details.)

The document was received for information.*

***5.28 Business (Graduate)– Summary of Minor Course and Calendar Changes (Form E)**

(See document PDC200511-5.28 for more details.)

The document was received for information.*

Items for Approval

5.29 Geographic Information Science Certificate – New Program Proposal (Form A)

5.29a Appendices (1-15) *(See document PDC200511-5.29 and 5.29a for more details.)*

MOTION: That the Certificate in Geographic Information Science (GISc) be approved.^

^Subject to approval of the expenditures required.

Dr. P. Weir/E. Fraser

NOTED:

- The proposed Geographic Information Science (GISc) Certificate is a 9 course program that utilizes different types of geospatial technologies such as remote sensing, global positioning systems and unmanned aerial vehicles to visualize features on the earth's surface.
- Students must complete all certificate courses with a cumulative average of 60% or higher to be able to enrol in the final Research Capstone Project.
- In response to a question raised about GIS Professional Certification, it was noted that it is not a designation that a lot of industries require.
- In response to concern raised about the terminology and use of "drones", it was that noted since GIS encompasses remote sensing concepts and technology there is a lot of discussion in the classroom about technology and the ethical considerations of unmanned aerial vehicles.

AGREED:

- In response to a question raised about privacy and ethics with regard to data collection, the following additions were made under Learning Outcome E: 1) Explain in detail the institutional, municipal, provincial, and federal policies, regulations, and ethical standards related to spatial data capture, usage, and liability; 2) Articulate and argue from multiple stakeholder perspectives the ethical issues related to privacy and data capture through various means (ex. unmanned autonomous vehicles (UAVs); and, 3) Comply with all relevant policies, regulations, and ethical standards in all assignments requiring data capture and usage.

CARRIED

5.30 Environmental Science (GIS Certificate) – New Course Proposal (Form D)

(See document PDC200511-5.30 for more details.)

**MOTION: That the following course be approved:^
ESCI-3761 Geostatistical Analysis in GIS**

^Subject to approval of the expenditures required.

Dr. J. Rawson/Dr. P. Weir

CARRIED

6 Question Period/Other Business

Nothing to report.

7 Adjournment

MOTION: That the meeting be adjourned.

Dr. M Sterling/Dr. J. Worth

CARRIED