I. Minutes of meeting

The minutes of the meeting of April 15, 2011 were approved on a motion by Dr. Chen, seconded by Dr. Farrell.

II. Business arising

There was no business arising from the minutes of the previous meeting.

III. Graduate curriculum revisions

Chemistry

Dr. Adronov reviewed the proposed curriculum changes for the Department of Chemistry.

Change in the calendar description of the Ph.D. comprehensive examination

The change will clarify what is required from students as part of their comprehensive examination.

The department also proposed cancellation of courses #734 – Applications of Mass Spectrometry, and #741 – Two Dimensional NMR Spectroscopy. A change in course titles was recommended for #737 – Mass Spectrometry Theory, and #740 – Basic Theory of NMR.

Dr. Adronov moved, and Dr. Chen seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the proposed curriculum changes from the Department of Chemistry, as described in the documents.”

The motion was carried.
Geography and Earth Sciences

In the absence of Dr. Arain, Dr. Yiannakoulis presented the proposal for two new courses from the School of Geography and Earth Sciences.

*6CC3 – Environmental Reconstruction Using Stable Isotopes
*6EA3 - Environmental Assessment

Dr. Farrell moved, and Dr. Xu seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the two new courses, *6CC3 and *6EA3, as described in the documents.”

The motion was carried.

Kinesiology

The Department of Kinesiology proposed to cancel courses *703 – Cardiac Rehabilitation and *710 – Exercise and Skeletal Development: A Lifespan Perspective.

Dr. Xu moved, and Dr. Bennett seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the cancellation of courses *703 and *710, as described in the documents.”

The motion was carried.

Mathematics and Statistics

Dr. Kolster discussed the following graduate curriculum changes for the Mathematics program:

New courses:

*6FM3 – Financial Markets and Derivatives
*6FT3 – Topics in Differential Equations
*6MB3 – Mathematical Biology

Course cancellations:

*6G03 – Dynamical Systems
*6K03 – Mathematics of Finance
Dr. Kolster moved, and Dr. Chen seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the proposed changes for the Mathematics program, as described in the documents.”

The motion was carried.

Statistics

Cancellation of course *6U03 – Nonparametric Methods in Statistics was proposed by the Department of Mathematics and Statistics.

Dr. Kolster moved, and Dr. Bennett seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the cancellation of course *6U03 – Nonparametric Methods in Statistics, as described in the document.”

The motion was carried.

Medical Physics and Applied Radiation Sciences

Dr. Farrell reviewed the change in course requirements for the M.Sc. Radiation Sciences (Medical Physics), M.Sc. Radiation Sciences (Radiation Biology), and M.Sc. Health and Radiation Physics. The change will require students in the three programs to take Medical Physics *773 – Basic Clinical Radiobiology. This new requirement satisfies the radiation biology component of the programs and replaces course *6U03 – Radiation Biology.

As a result of the change in course requirements, the department proposed cancellation of course *6U03 – Radiation Biology.

Dr. Farrell moved, and Dr. Xu seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the curriculum changes proposed by the Department of Medical Physics and Applied Radiation Sciences, as described in the documents.”

The motion was carried.
Physics and Astronomy

The department proposed to change the course description of #715 – Mathematical Introduction to Fluid Mechanics and #716 – Incompressible Computational Fluid Dynamics.

Dr. Adronov moved, and Dr. Farrell seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the curriculum changes proposed by the Department of Physics and Astronomy, as described in the documents.”

The motion was carried.

Psychology, Neuroscience and Behaviour

Dr. Milliken discussed the proposed change in admission requirements for the Ph.D. program in the Department of Psychology, Neuroscience and Behaviour. The change will no longer require applicants to submit the results of their Graduate Record Examination (verbal and quantitative).

Dr. Bennett moved, and Dr. Xu seconded,

“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the change in admission requirements for the Ph.D. program in Psychology, as described in the document.”

The motion was carried.

IV. Additional agenda item

Computational Engineering and Science

Dr. Protas explained that the School of Computational Engineering and Science will move to the Faculty of Science effective July 1, 2012, and the Department of Mathematics and Statistics will handle administration of the School. With the transfer, Dr. Protas said the School felt the need to revise the course requirements for its Master’s and Ph.D. programs to ensure that the requirements are aligned with the other graduate programs in the Faculty of Science. Dr. Protas reviewed the document and discussed the proposed changes: thesis-based Master’s – four courses; course and project Master’s – six courses; coursework-only Master’s – eight courses; Ph.D. (with CES-equivalent Master’s degree) – two 700-level courses; and Ph.D. (with only a Bachelor’s degree) – six courses (five 700-level).

Dr. Kolster moved, and Dr. Bennett seconded,
“that the Faculty of Science Graduate Curriculum, Policy, Admissions and Study Committee approve the proposed change in the course requirements for the Master’s and Ph.D. programs in the School of Computational Engineering and Science, as described in the documents.”

The motion was carried.

Dr. Protas added that the School will submit more changes in future, such as the School’s new name and degree program names.

There was no other business. The meeting adjourned at 2:10 p.m.