

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
SENATE

The regular meeting of Senate was held on March 10, 2015 at 4:00 p.m. in the Lecture Theatre in the Physical Education Building, Room 2001.

71. PRESENT

The President, Dr. N. Golfman, Mr. G. Blackwood, Dr. M. Bluechardt, Dr. M. Abrahams, Dr. K. Anderson, Ms. L. Busby, Dr. H. Carnahan, Ms. S. Cleyle, Dr. A. Gaudine, Dr. D. Hardy Cox, Dr. F. Murrin, Dr. G. Naterer, Dr. L. Phillips, Dr. C. Reynolds, Dr. C. Vardy (for Dr. J. Rourke), Ms. S. Singleton, Dr. S. Abhyankar, Dr. C. Callahan, Dr. S. Carr, Dr. J. Connor, Dr. J. Doré, Dr. I. Emke, Professor A. Fisher, Dr. D. Ford, Dr. T. Fridgen, Dr. G. George, Dr. M. Haghiri, Dr. D. Kelly, Dr. J. Lokash, Dr. D. McKay, Dr. M. Mulligan, Mr. B. Riggs, Dr. A. Rose, Dr. W. Schipper, Dr. K. Simonsen, Dr. P. Wang, Mr. H. Al-alaily, Ms. A. Gilbert, Ms. T. Nielsen, Ms. L. Brake, Mr. S. Kennedy, Mr. R. Leamon, Ms. K. Maxwell, Mr. R. Murphy, C. Noel, Mr. M. O'Keefe, Ms. E. Philpott, Ms. C. Simms.

72. APOLOGIES FOR ABSENCE

Apologies were received from Dr. R. Gosine (for Dr. R. Marceau), Dr. E. Waterman, Dr. I. Fleming, Dr. S. Kocabiyik, Dr. S. Mulay, Dr. D. Tulett, Professor D. Walsh, Dr. M. Wernerheim.

Attending by Invitation from the Office of Internal Audit

Ms. Jennifer Dove

Attending by Invitation for discussion of Item #5 Proposal for Grenfell Campus Deans and Schools

Dr. David Peddle, Associate Vice-President (Grenfell Campus) Academic

73. MINUTES

It was moved by Dr. Abhyankar, seconded by Professor Fisher, and carried that the Minutes of the regular meeting held on February 10, 2015 be taken as read and confirmed.

CONSENT AGENDA

It was moved by Mr. Riggs, seconded by Dr. Murrin, and carried that the consent agenda, comprising the items listed in 74 to 76 below, be approved as follows:

74. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

74.1 Department of Biology

Page 487, 2014-2015 Calendar, under the heading 10.2 Biology, insert a new course "Biology 3820" (abbreviated title: Foundations of Biology) to read as follows:

"3820 Foundations of Biology will introduce students to the development of biological understanding, from the classical Greeks to the present. The course consists of an online seminar series, which will cover topics such as the influence of Aristotle, Theophrastus, Hippocrates and Galen, the development of the microscope, the discovery of cells, paleontology, classification, Darwin and evolution, genetics, the discovery of DNA, multidisciplinary approaches to biology, and the impact of biology on everyday life. This course will also include a two-week field component at Harlow Campus in the Spring semester.

OR: Students will participate in 10 on-line seminars prior to the beginning of the two week field course in Harlow

PR: Completion of a minimum of 60 credit hours

UL: not acceptable as one of the required courses for the Minor, Major or Honours programs in Biology"

Page 458, 2014-2015 Calendar, add "Biology 3820" to the list of exceptions under the heading 9.2.2 Minor in Biology.

Page 461, 2014-2015 Calendar, add "Biology 3820" to the list of exceptions in clause 3 under the heading 9.2.5.1 Biology Course Requirements.

Page 462, 2014-2015 Calendar, add "Biology 3820" to the list of exceptions in clause 5 under the heading 9.2.6.1 Cell and Molecular Biology Course Requirements.

Page 462, 2014-2015 Calendar, add "Biology 3820" to the list of exceptions in clause 5 under the heading 9.2.7.1 Ecology and Conservation Biology Course Requirements.

Page 463, 2014-2015 Calendar, add "Biology 3820" to the list of exceptions in clause 5 under the heading 9.2.8.1 Marine Biology Course Requirements.

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend the second-last sentence of clause 4 by adding "Biology 3820" so the sentence reads as follows:

"Biology 2040, 2041, 3820 and the former... this requirement."

75. REPORT OF THE ACADEMIC COUNCIL OF THE SCHOOL OF GRADUATE STUDIES

75.1 Nursing

Page 604, 2014-2015 Calendar, delete regulations 21.4.2 Nurse Practitioner Option and 21.4.3 Post Master's Nurse Practitioner Graduate Diploma entirely, and replace with the following:

"21.4.2 Nurse Practitioner Option

1. Candidates must complete an approved program of studies consisting of a minimum of 36 credit hours in graduate program courses and an integrated clinical practice experience, comprising 12 credit hours.

Required courses:

6010 Research in Nursing: Quantitative Methods
6011 Philosophical and Theoretical Foundations of Nursing
6020 Program Development in Nursing
6100 Research in Nursing: Qualitative Methods
6221 Population-Based Nursing (equivalent 6220 and 6230)
6240 Nursing Individuals and Families Through Life Transitions (equivalent to 6200 and 6210)
6251 Writing Skills for Nurse Practitioners (1 credit hour) (Students who have transferred from the practicum option and have credit for 6250 Foundations for Nursing Practice will have this course waived)
6701 Advanced Practice Issues and Role Development (2 credit hours)
6703 Advanced Health Assessment and Clinical Practicum I (4 credit hours)
6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
6705 Pharmacotherapy and Therapeutics

Either one of: 6800 Adult Advanced Clinical Decision Making III (4 credit hours) {or the former 6800 Adult Advanced Clinical Decision Making (4 credit hours)}, 6802 Family/All Ages Clinical Decision Making III (4 credit hours) {or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}, or, one of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)

690X Advanced Clinical Practicum IV (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours), {or the former 690X II (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours)}

2. The program of each candidate shall be approved by the Dean of Graduate Studies on the recommendation of the Dean of the School of Nursing.

Nursing (cont'd)

21.4.3 Post Masters Nurse Practitioner Graduate Diploma

1. Candidates with a Master's Degree in Nursing or an equivalent Degree with a nursing focus must complete an approved program of study consisting of a minimum of 17 credit hours in graduate program courses and integrated clinical practice experience, comprising 12 credit hours.

Required courses:

6701 Advanced Practice Issues and Role Development (2 credit hours)
6703 Advanced Health Assessment and Clinical Practicum I (4 credit hours)
6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
6705 Pharmacotherapy and Therapeutics

Either one of: 6800 Adult Advanced Clinical Decision Making III (4 credit hours), {or the former 6800 Adult Advanced Clinical Decision Making (4 credit hours)}, 6802 Family/All Ages Clinical Decision Making III (4 credit hours), {or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}, or, one of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)

690X Advanced Clinical Practicum IV (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours), {or the former 690X II (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours)}

2. Programs for some candidates may exceed the above minimum requirements.
3. The program for each candidate shall be approved by the Dean of Graduate Studies on the recommendation of the Dean of the School of Nursing."

Page 605, 2014-2015 Calendar, delete 21.6 Courses entirely and replace with the following:

"21.6 Courses

A selection of the following graduate courses will be offered to meet the requirements of candidates as far as the resources of the School of Nursing will allow.

6010 Research in Nursing I: Quantitative Methods (4 credit hours)
6011 Philosophical and Theoretical Foundations of Nursing
6020 Program Development in Nursing (*Pre or co-requisite: 6011*)

Nursing (cont'd)

6031 Education in Nursing
 6100 Research in Nursing: Qualitative Methods (*pre or co-requisite: 6011*)
 6221 Population-Based Nursing (*equivalent to 6220 and 6230*)
 6240 Nursing Individuals and Families Through Life Transitions (*pre or co-requisite: 6011*) (*equivalent to 6200 and 6210*)
 6250 Foundations for Advanced Nursing Practice (*This course is a prerequisite for all other courses for students in the practicum option though may be taken as a co-requisite in the first term of the program*)
 6251 Writing Skills for Nurse Practitioners (1credit hour) (*This course is a prerequisite for all other courses for students in the MN-NP option though may be taken as a co-requisite in the first term of the program*)
 6310-6350 Special Topics in Nursing
 6501-10 Individual Readings and Research in Special Areas
 6660 MN Practicum I (*prerequisites: All required courses including 6020 or 6031*)
 6661 MN Practicum II (*prerequisites: All required courses Including 6660 MN Practicum I*)
 6701 Advanced Practice Issues and Role Development (2 credit hours)
 6703 Advanced Health Assessment and Clinical Practicum I (4 credit hours)
 6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
 6705 Pharmacotherapy and Therapeutics
 6800 Adult Advanced Clinical Decision Making III (4 credit hours), {or the former 6800 Adult Advanced Clinical Decision Making (4 credit hours)}
 6802 Family/All Ages Clinical Decision Making III (4 credit hours), {or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}
 One of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)
 690X Advanced Clinical Practicum IV (*The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars*) (12 credit hours), {or the former 690X Advanced Clinical Practicum II (*The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars*) (12 credit hours)}

75.2 Computer Science

Page 618, 2014-2015 Calendar, under the heading 25.10.4 Courses, delete “(excluding 6783)” from the entry for “6770-6790”, and delete the following courses from the list:

“6711, 6713, 6731, 6732, 6738-6739, 6742, 6745, 6752, 6755, 6756”

Page 618, 2014-2015 Calendar, under the heading 25.10.4 Courses, add the following courses to the list:

Computer Science (cont'd)

“690 A/B Research Methods in Computer Science
6905 Software Engineering (*credit may only be obtained for one of 6905 or 6713*)
6906 Numerical Methods (*credit may only be obtained for one of 6906 or 6731*)
6909 Fundamentals of Computer Graphics (*credit may be obtained for only one of 6909 or 6752*)
6914 3D Modelling and Rendering
6918 Digital Image Processing (*credit may be obtained for only one of 6918 or 6756*)
6921 Syntax and Semantics of Programming Languages (*credit may be obtained for only one of 6921 or 6711*)
6924 Formal Grammars, Automata and Languages
6928 Knowledge-Based Systems (*credit may be obtained for only one of 6928 or 6755*)
6929 Advanced Computational Geometry (*credit may be obtained for only one of 6929 or 6745*)
6930 Theory of Databases (*credit may be obtained for only one of 6930 or 6742*)
6931 Matrix Computations and Applications (*credit may only be obtained for one of 6931 or 6732*)
6932 Matrix Computations in Control (*credit may only be obtained for one of 6932 or 6738*)”

Page 647, 2014-2015 Calendar, under the heading 31.7.2 Courses, delete “(excluding 6783)” from the entry for “6770-6790”, and delete the following courses from the list:

“6711, 6713, 6731, 6732, 6738-6739, 6742, 6745, 6752, 6755, 6756”

Page 647, 2014-2015 Calendar, under the heading 31.7.2 Courses, add the following courses to the list:

“690 A/B Research Methods in Computer Science
6905 Software Engineering (*credit may only be obtained for one of 6905 or 6713*)
6906 Numerical Methods (*credit may only be obtained for one of 6906 or 6731*)
6909 Fundamentals of Computer Graphics (*credit may be obtained for only one of 6909 or 6752*)
6914 3D Modelling and Rendering
6918 Digital Image Processing (*credit may be obtained for only one of 6918 or 6756*)
6921 Syntax and Semantics of Programming Languages (*credit may be obtained for only one of 6921 or 6711*)
6924 Formal Grammars, Automata and Languages

Computer Science (cont'd)

6928 Knowledge-Based Systems (credit may be obtained for only one of 6928 or 6755)

6929 Advanced Computational Geometry (*credit may be obtained for only one of 6929 or 6745*)

6930 Theory of Databases (*credit may be obtained for only one of 6930 or 6742*)

6931 Matrix Computations and Applications (*credit may only be obtained for one of 6931 or 6732*)

6932 Matrix Computations in Control (*credit may only be obtained for one of 6932 or 6738*)”

Page 618, 2014-2015 Calendar, under the heading 25.10.2.1 Option 1 - Thesis Route, add the word “their” before the final word (“program”) of clause 2.

Page 618, 2014-2015 Calendar, under the heading 25.10.2.1 Option 1 - Thesis Route, add a new clause 3, renumbering the current clauses 3 and 4 accordingly, to read as follows:

- “3. Candidates must participate in the Research Forum at least once during their program. The Student Research Forum is organized by the Department of Computer Science and takes place in the Winter term of each academic year.”

Page 618, 2014-2015 Calendar, under the heading 25.10.2.2 Option 2 - Course/Project Route with Work Term, delete clauses 2-8 entirely and replace with the following:

- “2. Within this credit requirement, a student must take the following courses:

COMP 6999 (Master’s Project)
One course in Software Engineering (COMP-6905)
One course in Algorithms (COMP-6901 or COMP-6902)

3. Additionally students are required to complete one co-operative education work term (COMP 601W). The work term is a full-time, paid work experience with one employer and either a four or eight months in duration. The work term should start in the third semester of the program. The work term can be deferred to the fourth semester, but normally only in the event of an unsuccessful job search for the third semester.
4. The dates for starting and finishing each work term are shown in the University Diary.

Computer Science (cont'd)

5. Students must successfully complete at least 12 credit hours (four courses) prior to beginning their work term. Students must have at least one required course remaining after their work term.
6. Students will conduct job searches with an Academic Staff Member in Co-operative Education in cooperation with the Department of Computer Science. It is the student's responsibility to seek and obtain a work term placement and to communicate with all parties both within the university and beyond in a professional manner. Work term placements cannot be guaranteed by the Department of Computer Science or an Academic Staff Member in Co-operative Education, although every effort will be made to assist students in their job search. Work term placements obtained outside the job competition must be confirmed by letter from the employer and approved by the Head of Computer Science and by an Academic Staff Member in Co-operative Education on or before the first day of the work term. Work term placements may be outside Newfoundland and Labrador.
7. Each work term placement will be supervised by the candidate's program Supervisor, the on-site Supervisor assigned by the employer and the Academic Staff Member in Co-operative Education. The overall evaluation of the work term is the responsibility of the program Supervisor, on-site Supervisor and the Academic Staff Member in Co-operative Education. The work term shall consist of two components:
 - a. On-the-job Student Performance as evaluated by the on-site Supervisor and the Academic Staff Member in Co-operative Education, in consultation with the program Supervisor.
 - b. A Work Report graded by the program Supervisor in consultation with the on-site Supervisor.
8. Evaluation of the work term will result in the assignment of one of the following final grades:
 - a. Pass with Distinction: indicates outstanding performance in both the work report and work performance.
 - b. Pass: Indicates that PERFORMANCE MEETS EXPECTATIONS in both the work report and work performance.
 - c. Fail: Indicates FAILING PERFORMANCE in the work report and/or the work performance. If a failing grade is assigned, the student's Masters program will be terminated.

Computer Science (cont'd)

9. Prior to graduation and after successfully completing COMP-6999 (Master's Project), candidates are required to present a seminar on their projects."

Page 618, 2014-2015 Calendar, under the heading 25.10.3 Other Regulations, delete clause 3, renumbering the current clause 4 accordingly, and amend the first sentence of clause 1 to read as follows:

"Students from either Option 1 - Thesis Route or Option 2 - Course/Project Route with Work Term may request to transfer between both options once during their studies, after at least two semesters in the program."

76. REPORTS OF SENATE COMMITTEES

Written reports were received for the information of Senators from the following Senate Committees:

- University Committee on Admissions
- Senate Committee on Academic Appeals
- Executive Committee of Senate
- Committee on Honorary Degrees and Ceremonial
- Senate Committee on Copyright
- Senate Committee on Undergraduate Studies
- Senate Advisory Committee on the University Timetable
- Committee on the University Calendar
- Senate Committee on Elections and Committees
- Senate Committee on Course Evaluation

The following Memorial University of Newfoundland Students' Union nomination to Senate Standing Committees was approved:

Senate Committee on Undergraduate Studies
Ms. Leah Robertson

REGULAR AGENDA

77. Proposal for Grenfell Campus Deans and Schools

A memorandum dated February 26, 2015, was received from Dr. David Peddle, Associate Vice-President (Grenfell Campus) Academic confirming a proposal for a revised academic structure at Grenfell Campus was approved by Grenfell's Academic Council on February 25, 2015.

The President invited Dr. Mary Bluechardt (Vice-President) Grenfell Campus, to present this item. Dr. Bluechardt noted that Dr. Peddle was in attendance to answer any questions Senators may have.

Proposal for Grenfell Campus Deans and Schools (cont'd)

Dr. Bluehardt then presented the proposal.

To optimize success within Memorial University's multi-campus setting Grenfell Campus must have academic structure and leadership equal to the challenges it faces: increasing enrolment, providing innovative teaching and learning, enhancing research productivity and focussing engagement activity. Memorial University's three strategic frameworks provide an exciting context for the future development of Grenfell Campus. To implement these frameworks at the unit level requires an evolution of the current academic organization.

Consultations were held throughout December 2013 to determine the potential for enhancing leadership and structure at Grenfell Campus. A widely representative *ad hoc* committee was struck and chaired by Dr. Peddle.

Preliminary reports were presented on a number of occasions to Grenfell's four divisions: Arts, Fine Arts, Science and Social Science. The concept was further discussed at a Campus Conversations event, and subsequently, the final report was endorsed by Academic Council at a special meeting on February 25, 2015.

Consultations were held at Grenfell Campus, and stakeholders from St. John's Campus were identified and consulted. This process resulted in the recommendation that Grenfell develop a new school and decanal structure.

Executive Summary

This proposal recommends the creation of a school or decanal system at Grenfell Campus. In support of this recommendation, the proposal contrasts the current divisional structure with a proposed schools and deans structure as well as proposed schools program composition. It demonstrates a more effective academic leadership strategy and outlines the composition of school councils and reporting channels to Senate. This transformation will entail the following changes to Grenfell's academic structure:

1. Replacing Grenfell's four divisions (Arts, Fine Arts, Science, Social Science) with three schools (Arts and Social Science, Fine Arts, Science and the Environment).
2. Creating appropriate committee structures to support the new schools and their respective deans.
3. Replacing Grenfell's four divisional heads with three deans.

Proposal for Grenfell Campus Deans and Schools (cont'd)

4. Adapting Grenfell Campus Academic Council for pan-campus purposes.

The proposal also reviews considerations pertaining to faculty size and proposal costs. The administrative structure of the Western Regional School of Nursing is not affected by this proposal, even though the Nursing School is mentioned repeatedly within the document for the purpose of illustrating potential future development.

Dr. Peddle then thanked those who participated in the consultation process, and noted that this will strengthen Memorial as a whole.

It was moved by Dr. Bluehardt and seconded by Mr. Riggs to replace Grenfell's four divisions with three schools, effective September 2016.

A discussion then ensued with questions and comments from the floor covering such topics as:

- the history of Memorial University, which includes Grenfell Campus, is long and dynamic; we need to evolve and embrace future change
- the Deans of Arts and Science shared the following concerns:
 - need more consultations with St. John's campus as there was no consultation with the departments of Arts and Science
 - there are other ways to structure, other models to go by
 - thought there would be more consultation
 - David Peddle noted that sufficient time was allowed for the provision of feedback from all Deans
 - it will be confusing to have two Deans of Arts and two Deans of Science at the University; Grenfell Campus should have one Dean with many departments
- Grenfell Campus Student Union supports the proposal; however, they had some financial concerns and would like more student representation on Senate
 - David Peddle noted that he supports the students seeking more Senate representation. The change to a decanal system would amount to 2/3 of 1% of Grenfell Campus' budget, which is minimal
- Marine Institute supports the proposal and noted we should encourage growth
- timing of efficiency review
 - cost of proposal is low

Proposal for Grenfell Campus Deans and Schools (cont'd)

- moving forward from four division heads to three Deans is more efficient academic structure
- strong support for the proposal from the Faculty of Education
- MUNSU expressed the need to maintain good transferability of courses between the two campuses

It was moved by Dr. Schipper and seconded by Dr. Mulligan to postpone further consideration of the proposal until the Deans of Arts and Science have further consultations with Grenfell Campus.

There was discussion regarding the need for further consultation, particularly with the faculties of Arts and Science. Some did not agree with postponement as Deans were given the opportunity to provide feedback; there was a feeling that we need to move forward.

The motion to postpone further consideration was put to a vote and the motion failed.

The main motion to replace Grenfell's four divisions with three schools, effective September 2016, was put to a vote and carried.

78. Proposal to Establish a Centre for Innovation, Entrepreneurship, and Technology Commercialization (CIETC)

A memorandum dated February 19, 2015, was received from Paul Chancey, Secretary, Planning and Budget Committee, regarding the proposed Centre for Innovation, Entrepreneurship, and Technology Commercialization (CIETC).

The President invited Dr. Greg Naterer, Dean, Faculty of Engineering and Applied Science, to present this item.

The Planning and Budget Committee considered a joint proposal from the Faculty of Business and the Faculty of Engineering and Applied Science for the creation of a Centre for Innovation, Entrepreneurship, and Technology Commercialization (CIETC).

The committee felt it was a good proposal and, in keeping with the Policy to Establish Institutes and Centres, is pleased to recommend that Senate approve the establishment of CIETC as one that requires indirect university support. The proposal was deemed to have met the general requirements of the policy in that it indicates that the university resources that are required of the two faculties are already in place.

Proposal to Establish a Centre for Innovation, Entrepreneurship, and
Technology Commercialization (CIETC) (cont'd)

It was moved by Dr. Naterer, seconded by Professor Fisher, and carried that this proposal be approved for recommendation to the Board of Regents for final approval.

79. REMARKS FROM THE CHAIR - QUESTIONS/COMMENTS FROM
SENATORS

Dr. Kachanoski reported on activities since the last meeting of Senate.

The President commented on the following:

- last two weeks involved in budget consultations
 - budget will not come down until after the federal budget
 - three aspects were addressed:
 - Pension
 - Operating
 - Infrastructure
 - February 25th received letter from Government for approval to break ground for Science building
- the Search Committee for Provost and Vice-President (Academic) and Pro Vice-Chancellor is progressing
- MI NAPE Instructors' Collective Agreement signed; all 14 unions now have agreements signed
- new General Counsel Morgan Cooper; will soon start Search for Associate Vice-President (Academic) Faculty Affairs to replace him
- Internationalization Plan approved by Board of Regents
- Nursing Accreditation Team had their visit and the school received good feedback
- Dr. Larry Felt named the recipient of the Marilyn Harvey Award
- participated in a session on Innovation at the Atlantic Leaders' Summit

80. ADJOURNMENT

The meeting adjourned at 5:10 p.m.

CHAIRMAN


SECRETARY