

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
SENATE

The regular meeting of Senate was held on June 14, 2005, at 4:00 p.m. in Room E5004, Education Building.

104. PRESENT

The President, Dr. E. Campbell, Dr. C. Loomis, Dr. J. Ashton, Dr. S. Birnie-Lefcovitch, Mr. G. Collins, Mr. R. Ellis, Dean G. Gorman, Dean R. Gosine, Dean D. Graham, Dr. L. Hensman, Dean C. Jablonski, Dean R. Lucas, Dr. P. Fisher (for Mr. L. O'Reilly), Dean J. Rourke, Dean L. Walker, Ms. D. Whalen, Dr. R. Adamec, Mr. K. Baker, Professor L. Bateman, Mr. C. Couturier, Dr. M. Daneshtalab, Mr. C. Dennis, Mr. E. Durnford, Dr. J. Harris, Dr. L. Hermanutz, Dr. S. Kocabiyik, Professor V. Kuester, Dr. D. McKay, Dr. M. Morrow, Dr. M. Mulligan, Dr. F. Murrin, Dr. W. Okshevsky, Dr. D. Peters, Dr. J. Quaicoe, Dr. C. Sharpe, Professor D. Walsh, Dr. P. Wilson, Dr. S. Wolinetz, Dr. J. Wright, Dr. J. Wyse, Ms. S. Dieleman, Mr. S. Sullivan, Ms. Z. Cobb, Mr. R. Drinkall, Mr. J. Farrell, Ms. K. Giroux-Bougard, Mr. A. Hollett, Mr. M. Lovell, Ms. E. Martin, Mr. M. Parcon.

105. APOLOGIES FOR ABSENCE

Apologies were received from Dean A. Collins, Dr. T. Gordon, Dr. S. LeFort, Dr. K. Aziz, Captain J. Ennis, Dr. D. Kimberley, Dr. D. Rideout, Dr. S. Peters, Dr. S. Shah, Dr. F. Shahidi, Dr. P. Trnka, Dr. D. Tulett, Mr. S. Jensen, Mr. C. Flaherty.

106. MINUTES

The Minutes of the special and regular meetings held on May 10, 2005, were taken as read and confirmed.

REPORT OF THE EXECUTIVE COMMITTEE OF SENATE

It was agreed by separate motion where necessary, that the report of the Executive Committee be approved as follows:

CONSENT AGENDA

It was moved by Professor Walsh, seconded by Dr. Jablonski, and carried that the consent agenda, comprising Items 107 through 110 below, be approved as follows:

107. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

107.1 Marine Institute

Page 79, 2005-2006 Calendar, under the heading Degree Program Regulations, subheading 4.1 Bachelor of Maritime Studies, under Table 1 - Bachelor of Maritime Studies - Course Requirements for all Students, under the Column "Electives", insert the following courses:

Marine Institute (cont'd)

“MSTM 4003. Environmental Management System for Technologists
MSTM 4004. Marine Environmental Management”

Under the heading 4.2.1 Bachelor of Technology - Engineering and Applied Science Technology Option, under “Table 3”, under the column “Group A Electives”, insert the following course:

“MSTM 4003. Environmental Management System for Technologists”

Under the heading 4.2.2 Bachelor of Technology - Health Sciences Technology Option, under “Table 4”, under column “Group A Electives”, insert the following course:

“MSTM 4003. Environmental Management System for Technologists”

Page 81, 2005-2006 Calendar, under the heading 8 Course Descriptions, insert the following new courses:

“MSTM 4003. Environmental Management System for Technologists will provide students with a knowledge and understanding of international standards for environmental management. The course will develop an understanding of the ISO 14000 standard, its requirements and the process for establishing an environment management system (EMS). The course will include a consideration of the documentation and other requirements for ISO 14000 registration.

Prerequisites/Co-Requisites: Admission to the Bachelor of Technology or the Bachelor of Maritime Studies program.

MSTM 4004. Marine Environmental Management will introduce students to the requirements for the safe management of the marine environment. The course will introduce major environmental problems and identify the major threats to the marine environment. It will provide a working knowledge of these threats and consider the possible counter measures that may be employed by employees in the marine industry.

Prerequisites/Co-Requisites: Admission to the Bachelor of Maritime Studies program.”

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

108.1 Faculty of Engineering and Applied Science

Page 490, 2005-2006 Calendar, under the heading Regulations Governing the Degree of Master of Engineering, subheading Courses, under the subheading Core Courses, remove the following course:

“9210. Advanced Engineering Materials”

Insert the following new course:

“9902. Advanced Transport Phenomena”

Faculty of Engineering and Applied Science (cont'd)

Under the subheading Other Courses, insert the following course:

“9210. Advanced Engineering Materials”

109. AMENDMENT TO THE CONSTITUTION AND BY-LAWS OF THE SCHOOL OF NURSING

A memorandum dated May 20, 2005 was received from the Academic Council of the School of Nursing advising of amendments to its By-Laws.

110. REPORT OF THE COMMITTEE ON COMMITTEES

A memorandum dated June 8, 2005 was received from the Committee on Committees recommending the following Memorial University of Newfoundland Students' Union appointments to standing committees of Senate for a term of office commencing immediately and expiring March 31, 2006:

University Planning and Budget Committee
Cletus Flaherty

Committee on Undergraduate Studies
Cletus Flaherty

Committee on Copyright
James Farrell

Senate agreed to accept these recommendations.

REGULAR AGENDA

111. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

111.1 Bachelor of Arts in Tourism Studies

Professor Walsh presented the proposed Bachelor of Arts in Tourism Studies program following which Dr. Ashton provided a history of the development of the program. Dr. Ashton noted that the program has been in the planning process for the last two years, has been developed as a result of extensive consultation within the discipline and with industry and has been scrutinized by the College Committee as well as the Senate Committee on Undergraduate Studies. He also acknowledged that as with any new program, this program will be monitored closely and changes may be recommended as needed. Dr. Ashton relayed his understanding that the White Paper will designate funding for, among other things, new programs at Sir Wilfred Grenfell College. Should this funding not be forthcoming, he indicated that the program will not be implemented.

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Following a question and answer session on topics such as employment prospects for graduates, funding for library requirements, new faculty and support infrastructure, particularly for foreign students, as well as the preparedness of students for particular courses in the program, the motion to approve the Bachelor of Arts in Tourism Studies, which was moved by Professor Walsh, and seconded by Dr. Ashton was carried.

Page 94, 2005-2006 Calendar, immediately preceding the heading Minor Programs - Division of Social Science, insert the following new program:

“MAJOR IN TOURISM STUDIES

ADMISSION MODES AND REQUIREMENTS

Direct Entry (for High School Students)

Students may apply for admission into the first year of the Bachelor of Arts in Tourism Studies program directly from high school by indicating this in the appropriate place on their Undergraduate Application for Admission/Readmission to Memorial University of Newfoundland. Direct entry from high school is subject to the applicant's final acceptance to the University. Year 1 normally starts in September.

Advanced Standing (for Current Memorial Students)

1) Students may apply for admission with Advanced Standing into the BA (TS) program beyond Year 1. Students applying for advanced standing must have completed all of the courses required in Year 1. Students applying for admission with advanced standing must complete and submit to the Office of the Registrar the Application for Admission to the Chair of the Tourism Studies program, normally on or before the deadlines specified in the University Diary for the semester in which they intend to begin their program.

- March 1 application deadline for consideration for Fall start.

2) Admission with Advanced Standing is limited and competitive. The primary criterion used in reaching decisions on applications for admission with advanced standing is overall academic achievement. Selection, therefore, will be based on a student's overall academic performance.

Transfers From Other Post-Secondary Institutions

1) Students who are transferring from other universities must apply for admission to the University on or before the deadlines specified in the University Diary for the semester in which they intend to begin their program, to allow sufficient time for the evaluation of transfer credits. The acceptance of transfer students into the BA (TS) program is subject to the same conditions outlined under Advanced Standing (for Current Memorial Students) above.

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2) Subject to item 2) under Advanced Standing (for Current Memorial Students) above, graduates of a three year community college tourism-related diploma program may also be considered for admission with advanced standing into the BA (TS) program. Specific course requirements will be determined on an individual basis at the time of admission.

Students may apply for admission with Advanced Standing into the BA (TS) program beyond Year 1.

Regulations for a Major in Tourism Studies

The Major consists of a Tourism core which provides a broad appreciation of the implications of tourism activity in the context of social, cultural and physical environments.

The Tourism Studies program requires a total of 120 credit hours.

1. Students must successfully complete sixty credit hours as follows:
 - a. French 1501 and 1502
 - b. Economics 2010 and 2020
 - c. Business 1000;
 - d. three credit hours chosen from the following list:
 - Geography 3222
 - Psychology 2925
 - Sociology 3040
 - Statistics 2500
 - Statistics 2550
 - e. Thirty-three credit hours in Tourism consisting of Tourism Studies 1000, 1100, 2000, 2201, 3100, 3240, 3800, 3900, 4010, three credit hours from 4900-4910, and 4950.
 - f. Three additional credit hours in Tourism Studies electives taken at the 2000 level.
 - g. Six additional credit hours in Tourism Studies electives taken at the 3000 or 4000 levels.
2. A minimum of twenty-four credit hours in an approved minor concentration area other than that of the Major.
3. Courses to make up the total of 120 credit hours, other than those required for the core program. Of these courses, not more than six credit hours shall be from courses in the Tourism Studies program.”

Page 95, 2005-2006 Calendar, immediately preceding the heading Articulation Agreement with the College of the North Atlantic, insert the following:

“Regulations for a Minor in Tourism Studies

1) Students who are completing degrees in Arts, Science, and/or Business Administration may complete a minor in Tourism Studies.

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2) Students who wish to undertake the Tourism Studies minor program must have completed a minimum of 18 credit hours. Application is made in the space provided on the Change of Academic Program Form, which must then be approved by the Chair of the Tourism Studies program. Admission into the minor program is limited and competitive.

3) A minor in Tourism shall consist of 24 credit hours comprising the following courses: Tourism 1000, 1100, 2000, 3100, 4000, 3 credit hours chosen from a 2000-level or 3000-level Tourism elective, 3 credit hours chosen from a 4000-level Tourism course, and three credit hours chosen from the following list:

- Geography 3222
- Psychology 2925
- Sociology 3040
- Statistics 2500
- Statistics 2550

4) Course prerequisites to all Tourism courses shall apply to a Tourism Studies minor.

Regulations for an Advanced Diploma in Tourism Studies

The Advanced Diploma in Tourism Studies is designed for individuals already possessing a post-secondary diploma or degree in any relevant field who wish to acquire the knowledge and skills required to work in today's tourism industries. The program will benefit individuals from a wide variety of backgrounds including, Business, Environmental Science, Environmental Studies, Fine Arts, Historical Studies, Social/Cultural Studies, and Sustainable Resource Management (proposed).

1) Students who wish to undertake the Advanced Diploma in Tourism Studies must have completed a post-secondary diploma or degree in any field, or possess at least five years of full-time, relevant work experience or equivalent. Application is made in the space provided on the Change of Academic Program Form, which must then be approved by the Chair of the Tourism Studies Program. Admission into this program is limited and competitive.

2) The Advanced Diploma in Tourism Studies shall consist of 30 credit hours comprising the following courses: Tourism 1000, 1100, 2000, 3100, 3900, 12 credit hours chosen from a 2000-level or 3000-level Tourism electives, and 3 credit hours chosen from a 4000-level Tourism course.

3) Prerequisites for all Tourism courses may be waived after consultation with, and permission of, the Chair of the Tourism Studies program.”

Page 119, 2005-2006 Calendar, immediately preceding the heading University, insert the following:

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“TOURISM

Core Program Course Descriptions

1000. Principles of Tourism. This course introduces students to the history of tourism and leisure, and the development of the field of tourism studies. This will include consideration of foundational concepts such as culture and nature, research on the needs and gratifications of tourists, and studies of the functions of tourism.

NOTE: Credit may not be obtained for both Tourism 1000 and HKR 3565.

1100. Perspectives in Tourism. This course is an examination of tourism and the ideals, beliefs, institutions, and experiences that contribute to culture. The course will emphasize the application of the humanities and social sciences to such areas as heritage, tradition and history. The student will gain an understanding of, and appreciation for, the importance of literary, aesthetic, philosophical and religious traditions.

2000. Tourism and Sustainability. This course investigates the concept of sustainability and focuses on the importance of sustainable tourism initiatives, covers measuring the demand for tourism, the role of government and industry stakeholders in the tourism planning process, and a consideration of how tourism planning strategies are developed, implemented, evaluated, and controlled. In addition, there will be an examination of the principles that structure the tourism industry.

Prerequisite: Tourism 1000 and 1100.

2201. Tourism Marketing. This course explores marketing processes, concepts and methods, with special interest in the initiation, development and management of new tourist enterprises. Other topics include: societal marketing philosophy, the marketing mix as it relates to tourism, market research, consumer behaviour, branding and services marketing, and the implications of transportation systems on tourism activities, services marketing, sustainable tourism marketing, and e-marketing.

Prerequisite: Tourism 1000 and Tourism 1100.

NOTE: Credit may not be obtained for both Tourism 2201 and Business 1201 or HKR 3565.

3010. Issues in Ecotourism. Through the use of cases, this course examines philosophical, historical and contemporary issues and challenges in resource recreation and ecotourism. Opportunities for tourism activity based on special or unique ecological considerations and other forms of alternative tourism are examined, as are issues around the sustainability, impacts, risk management, programming, tour operation, ethics, development, marketing and parks management.

Prerequisite: Tourism 3100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

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3100. Resource Valuation and Tourism Activity Impact Assessments.

This course considers contemporary issues in the allocation of scarce natural and cultural resources demanded by tourism activity, and the determinants of the demand and supply for tourism recreation. Students will examine the impacts of those tourism and leisure activities upon natural systems (e.g., cultural, ecological, socio-cultural, etc.) and economies, (local, regional, etc.). Visitor impacts will also be considered.

Prerequisite: Statistics course, Economics 2010 and 2020.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

3800. Colloquium in Tourism Management (Applied Interpretation).

During this course, three tourism practitioners from the region and beyond will hold seminars. The meetings are organized as “master classes,” with direct interaction between the students and the outside experts. Depending on the practitioners, the specific focus of the tourism management may include reference to Ecology, Botany, Marine Aquatic contexts, Bird Watching, Field Guiding, Wildlife, Geography, Geology, Protected Sites, Museums and Cultural Interpretation, and Arts Programming.

Prerequisite: Tourism 3100

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

3900. Global Issues and Tourism. This course highlights the importance of responding to world issues in tourism, and considers issues around socio-political-environmental factors influencing tourism, the impact of new social movements on tourism, the demographics and psychographics of travelers, the promotion of culture and territories, and the globalization of tourism.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

4010. Community and Cultural Issues in Tourism. This case-based course examines cultural diversity and developing sensitivities around an appreciation of one’s own and other culturally-bound leisure and tourism activities. Students will build skills in areas such as inclusive planning, communication and negotiation, the changing nature of international tourism, identifying synergies and potential links with global partners (e.g., NL and Ireland).

Students must have completed 78 credit hours, and have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

4900-4910. Special Topics in Tourism. This is a case-based course focusing on the application of major tourism theories and concepts to modern tourism industry issues. Potential areas of consideration include transportation issues in tourism, visitor management, rural tourism, urban tourism, health tourism and therapeutic recreation, island tourism, critical

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regionalism, maximizing the year-round potential of tourism, and contemporary research in tourism.

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have completed 78 credit hours, and have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

4950. Senior Project in Tourism. Under the guidance of a faculty member, students will complete an independent research project and produce a report. Topics must have the approval of the Program Chair of Tourism Studies. Students must have completed 78 credit hours, and have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

Electives Course Descriptions

2300. Hospitality Management. This course introduces students to the organization and structure of resorts, hotels, restaurants, and cruise ships. Areas of consideration include business ethics, service contracts, areas of management responsibility such as strategic planning, the evaluation of financial, environmental and human resources considerations.

Prerequisites: Tourism 1000 and Tourism 1100.

2301. Events Management. This course provides an introduction to the principles and practices of event/festival management. The material will include the development of event attractions and facilities, and consideration of specific implications of planning in the areas of finance, human resources, environment, marketing, and quality management. In addition, special consideration is given to the infrastructure requirements, volunteers, sponsorship, fund raising, event planning, marketing and economic and tourism impacts of festivals and other events.

Prerequisites: Tourism 1000 and Tourism 1100.

2305. Arts Administration and Exhibition Management. The course aims to present and apply various approaches in tourism and cultural theory in the context of contemporary cultural performance and exhibition. Students will learn principles of arts administration, as well as current debates in museology and cultural representation.

Prerequisites: Tourism 1000 and Tourism 1100.

3210. Interpretation of Natural Resources. This course covers the principles and practice of interpretation as a component of ecological resource recreation. This course would introduce the student to the practice of interpretation. Concentration would be on interpretation of natural resources (e.g., rocks, fossils, plants, animals, weather, geomorphology, etc.).

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

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3211. Interpretation of Cultural Resources. This course covers the principles and practice of interpretation of cultural heritage resource recreation. The techniques include written and oral interpretation materials, as well as the “living interpretations” used in historical and cultural settings. Concentration would be on interpretation of cultural resources (e.g., artifacts of previous indigenous cultures, etc.).

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

3220. Conservation Planning. This course examines attitudes, values and approaches around conservation, preservation, utility, stewardship and management of natural and cultural artifacts. Ecological and Cultural Heritage conservation programs, strategies, policies and legislation are also surveyed.

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

NOTE: Credit may not be obtained for both Tourism 3220 and HKR 3555.

3230. Parks and Protected Areas. This course examines the history and geography of national parks and other publicly protected lands, and considers the impact of human interaction with landscapes. Additionally, the course will focus on tourism planning and management in national parks and protected areas, and investigate guidelines for best practice in tourism operations.

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

NOTE: Credit may not be obtained for both Tourism 3220 and HKR 3555.

3240. Cultural Heritage Development. This course considers built, natural and cultural resources for heritage tourism destinations on a variety of scales from World Heritage Sites to countryside and rural tourism attractions. Issues around the international context of heritage, interpretation, and packaging of cultural heritage products, regional identities and environments and the importance of small and medium sized enterprises are examined.

Prerequisites: Tourism 1000 and Tourism 1100.

Students must have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.

4020. Seminar in Rural and Remote Tourism. This course provides and overview of tourism as it intersects with rural development theory, processes and planning. In addition, the course examines various social, environmental, cultural and economic problems, consequences and opportunities within a rural/peripheral area context (e.g., visitor attraction and accommodation, special transport issues).

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Students must completed 78 credit hours, and have officially declared a Major in Tourism Studies, a Minor in Tourism Studies, or have been accepted into the Advanced Diploma program in Tourism Studies.”

Page 90, 2005-2006 Calendar, under the table entitled Designated Writing Courses (W), immediately following the entry for “Sociology”, insert the following:

“**TOURISM STUDIES:** 1100, 2000, 3230, 3240, 3800, 4010, 4950”

Page 88, 2005-2006 Calendar, under the heading The Bachelor of Arts and Bachelor of Science Degree Programs, subheading 1. Core Program Requirements, under the subheading c) Breadth of Knowledge Requirement, amend “Group B” as follows:

“Anthropology, Business ... Sociology, Tourism Studies, Women’s Studies”

Under the subheading 2. Major, under clause “d)”, immediately following “Psychology (B.A. and B.Sc.)”, insert the following:

“; Tourism Studies”

Under the subheading 3. Minor, amend the entry for the “Division of Social Science” as follows:

“Business ... Sociology, Tourism Studies”

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

112.1 Master of Applied Science in Environmental Systems Engineering and Management

Before asking Dr. Jablonski to reintroduce this topic, the Chairman reminded Senators of a letter dated June 3, 2005 from the Secretary of the Executive Committee of Senate regarding the technical propriety of renewal of a motion. Given the general agreement of Senators that a renewal of the motion was in order, Dr. Jablonski then gave an overview of the proposal for the Master of Applied Science in Environmental Systems Engineering and Management (MESEM) and reviewed the items that were circulated with the May 10, 2005 agenda package and re-circulated with the package for today’s meeting. He remarked that at the May 10, 2005 meeting, many Senators questioned the role of the agent, Can-Zhong International, and in particular, whether or not the University would provide an exclusive right to Can-Zhong to recruit students from China to this program. The concern of many Senators was that Memorial might not be free to accept independent applications from China. Dr. Jablonski noted that following the meeting of Senate, legal advice was sought from John O’Dea of McInnes Cooper who confirmed that while Can-Zhong International is Memorial’s sole representative in China for the purpose of recruiting students to this program,

Master of Applied Science in Environmental Systems Engineering and Management (cont'd)

Memorial is able to recruit directly or accept students into the program from China who apply on their own. Noting that the concerns with regard to exclusivity at the May 10, 2005 meeting appear now to have been addressed and with no changes to the ESEM proposal, Dr. Jablonski moved that the motion defeated at the May 10, 2005 meeting of Senate be renewed and that the program be approved. The motion was seconded by Dr. Adamec.

In response to a question about the intention of the University administration with respect to a recommendation contained on page 2 of the Review Committee Report that Canadian students be required to pay standard tuition rates, Dr. Campbell noted that for this first cohort of students (all of whom will be from China), the intention is to recommend to the Board of Regents that the cohort premium fee be approved. However, Dr. Campbell noted that it is his intention to address the topic of fees for Canadian students in the Fall.

Responding to questions regarding the need to develop this new program rather than revising the existing program, Dean Gosine emphasized that demand for the existing program is declining steadily and funds from premium tuition fees are needed to develop this new program or to revise the existing one. Dean Gosine also confirmed the Faculty of Engineering's intention to integrate the students who take this cohort program with other students in the Faculty with respect to course registration and interaction with other students and faculty members.

The motion to approve the Master of Applied Science in Environmental Systems Engineering and Management which was carried by a majority vote.

Page 452, 2005-2006 Calendar, under the heading Regulations Governing the Degree of Master of Applied Science, delete the first paragraph in its entirety and replace with the following:

“The degree of Master of Applied Science is offered in three areas: (1) Computer Engineering, (2) Environmental Engineering and Applied Science and (3) Environmental Systems Engineering and Management.”

Page 454, 2005-2006 Calendar, immediately preceding the heading Regulations Governing the Degree of Master of Applied Social Psychology (Co-operative), insert the following new program:

“ENVIRONMENTAL SYSTEMS ENGINEERING AND MANAGEMENT

A) PROGRAM OF STUDY

1. The Faculty of Engineering and Applied Science offers a program in Environmental Engineering and Applied Science leading to the degree of Master of Applied Science in Environmental Systems Engineering and Management (ESEM). The program is available on a full-time basis.

Master of Applied Science in Environmental Systems Engineering and Management (cont'd)

2. The program is offered by the Faculty of Engineering and Applied Science and will be administered by a Board of Studies appointed by the Dean of Engineering and Applied Science.

B) QUALIFICATIONS FOR ADMISSION

1. Admission is limited and competitive.
2. To be considered for admission, applicants shall normally hold a Bachelor's degree in engineering preferably in civil/environment/chemical/processing/petroleum engineering or equivalent from a recognized university with an aggregate mark of 75% or above.
3. To be eligible for consideration for admission, applicants will meet the English Proficiency Requirements described under GENERAL REGULATIONS A).

C) DEGREE REQUIREMENTS

1. The degree program requires the completion of 30 credit hours.
 - i. 6 credit hours comprising a project course Eng. 9600.
 - ii. 15 credit hours by completing Eng.9601, Eng. 9609, Eng. 9626, Eng. 9627, Eng. 9628 courses.
 - iii. 6 credit hours (two courses) to be selected from Eng. 9603, Eng. 9621, Eng. 9622, Eng. 9624, Eng. 9625, Eng. 9629, and Eng. 9630, Eng. 9605, Eng. 9610-9615.
 - iv. 3 credit hours (one course) from Env. Sci./Eng. 6001, Env. Sci./Eng. 6002, Env. Sci./Eng. 6003, Geog. 6250.

COURSES

Eng. 9600	Environmental Engineering Project
Eng. 9601	Environmental Pollution and Mitigation (Cross listed as Env. Sci. 6004)
Eng. 9603	Environmental Sampling and Pollutant Analysis (cross listed as Env. Sci. 6005)
Eng. 9605	Advanced Wastewater Treatment
Eng. 9609	Environmental Risk Assessment (cross listed as Env. Sci. 6007)
Eng. 9610-9615	Special Topics in Environmental Science & Engineering
Eng. 9621	Soil Remediation Engineering
Eng. 9622	Environmental Statistics
Eng. 9624	Air Pollution (cross-listed as Env. Sci. 6008)
Eng. 9625	Environmental Aspects of Offshore Oil and Gas
Eng. 9626	Environmental Management System
Eng. 9627	Environmental Systems Engineering
Eng. 9628	Environmental Laboratory
Eng. 9629	Environmental Policy and Regulations
Eng. 9630	Pollution Prevention

Master of Applied Science in Environmental Systems Engineering and Management (cont'd)

Env. Sci./Eng. 6001 Earth and Ocean Systems
Env. Sci./Eng. 6002 Environmental Chemistry and Toxicology
Eng. Sci./Eng. 6003 Applied Ecology
Geog. 6250 Conservation of Natural Resources”

Page 490, 2005-2006 Calendar, under the heading Regulations Governing the Degree of Master of Engineering, immediately following clause K. Program in Computer Engineering, insert the following new clause:

“L. PROGRAM IN ENVIRONMENTAL SYSTEMS ENGINEERING AND MANAGEMENT

The Faculty of Engineering and Applied Science offers a program in Environmental Systems Engineering and Management. For the details of the program requirements for the M.A.Sc. degree in Environmental Systems Engineering and Management refer to the regulations governing the degree of Master of Applied Science in Environmental Systems Engineering and Management.”

Page 491, 2005-2006 Calendar, under the heading Courses, subheading Other Courses, insert the following courses:

“9626. Environmental Management System
9627. Environmental Systems Engineering
9628. Environmental Laboratory
9629. Environmental Policy and Regulations
9630. Pollution Prevention”

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

- Convocation was held on May 13, 2005 at Sir Wilfred Grenfell College and on May 25, 26 and 27, 2005 at Memorial University of Newfoundland.
- On May 14, 2005, the President attended the opening of the *SeaRose* Collection which showcased art work of students attending Sir Wilfred Grenfell College. Twenty fine arts students who exhibited their work were selected to have their art work placed on display aboard the *SeaRose*. In return for the artwork, Husky Energy developed the “Husky Energy *SeaRose* Travel Bursary” whereby one student from Sir Wilfred Grenfell College will be sponsored by Husky Energy to study at the Harlow Campus. The scholarship will be awarded over the 15 year production life of the White Rose oil field.
- On May 18, 2005, the President participated in an exit interview with the Faculty of Medicine Accreditation Site Team. He extended his thanks to the Dean of Medicine and to others in the Faculty in what is expected to be a successful exercise.

Remarks from the Chair - Questions/Comments from Senators (cont'd)

- From May 29 to 31, 2005, the President attended meetings in Calgary with the petroleum industry in order to gain support for scholarships. During that time, he also attended an alumni function.
- In conjunction with the Vice-President (Academic), a meeting was held on June 3, 2005 regarding varsity athletics.
- The President noted that on June 6, 2005 he attended the official opening of the IOCC's 50 Years and Beyond. He also noted that he hosted a luncheon meeting with teachers and colleagues in Labrador City.
- The President visited the International Marine Biotechnology Conference which was held on June 7, 2005.
- On June 10, 2005, a meeting was held with Viscount Jonathan Rothermere, Major Vyvyn Harmsworth and Rothermere fellows at which time a travel bursary was developed in order for MUN students to attend the Harlow campus.
- A Strategic Assembly was held on June 14, 2005. The President noted the importance of a new strategic framework which would confirm the University's mission and set a direction for the next five to ten years. He also noted that the next assembly is scheduled at Sir Wilfred Grenfell College on June 22, 2005.

Dr. Meisen advised Senate that Dr. Graham is leaving to take up the position of Dean of Arts and Sciences at Concordia University. He recognized the long service of Dr. Graham and expressed his appreciation to Dr. Graham and through him, the Faculty of Arts for their contribution to the University.

The President wished Senate a very happy, prosperous, restful and productive summer.

114. ADJOURNMENT

The meeting adjourned at 5:00 p.m.

CHAIRMAN

SECRETARY