

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

SENATE

The regular meeting of Senate was held on Tuesday, May 9, 1995, at 8:00 p.m. in Room E5004.

67. PRESENT

The President, Dr. J. Tuinman, Dr. K. Bindon, Dean W. Blake, Mr. G. Collins, Mr. R. Ellis, Professor M. Lamb, Dean A. Law, Dean W. Ludlow, Dean T. Murphy, Dean T. Piper, Dr. W. Redden, Dr. W. Rowe, Dean R. Seshadri, Acting Dean C. Sharpe, Dean G. Skanes, Dr. M. Volk, Dr. S. Algoo-Baksh, Dr. G. Bassler, Mr. E. Brown, Dr. J. Buffinga, Dr. W. Davidson, Professor S. Findlay, Dr. G. Gardner, Dr. R. Gordon, Dr. M. Haddara, Dr. C. Harley, Professor K. Hestekin, Dr. O. Janzen, Dr. A. Kozma, Dr. R. Moore-Orr, Capt. W. Norman, Dr. P. Nosko, Dr. J. Orr, Dr. R. Pickavance, Dr. R. Rompkey, Dr. G. Sabin, Dr. D. Treslan, Dr. C. Turner, Professor Y. Walton, Dr. M. Wernerheim, Dr. M. Withey, Mr. L. Samuels, Ms. D. Reynolds, Mr. D. Balsom, Mr. S. Ennis.

Dr. T.R. Chari attended by invitation to answer any questions regarding the Draft Policy Statement on Integrity in Scholarly Research.

Dr. C. Doyle and Dr. J. Sharpe attended by invitation regarding the proposed new programme leading to the degrees of Master of Applied Science in Environmental Engineering and Applied Science, Master of Environmental Science and Master of Science in Environmental Science.

Professor M. Hackett, Chair of the Curriculum Committee for the new Nursing curriculum; Ms. P. Earle, Education Consultant, ARNN; Ms. K. Daley, Director, St. Clares's Mercy Hospital School of Nursing; Ms. J. Dicker, Director, S.A. Grace General Hospital School of Nursing; Ms. L. Norman-Robbins, Director, Western Memorial Hospital School of Nursing; and Ms. J. Walsh, Director, General Hospital School of Nursing attended by invitation regarding the Collaborative Nursing Curriculum.

Dr. M. Joyal and Dr. J. Molgaard attended by invitation regarding the proposed new Master of Arts programme in Classics.

Dr. May also welcomed Dr. David Wright, Chairman of Harlow Campus Trust.

68. APOLOGIES FOR ABSENCE

Dr. G. Clark, Dr. G. Kealey, Dr. J. Kennedy, Dr. R. Lucas, Dr. R. Payne, Dr. N. Rich, Dr. H. Williams, Mr. M. Carley, Mr. P. Thornhill.

69. MINUTES

The minutes of the regular meeting of Senate held April 11, 1995, were taken as read and confirmed with one amendment: the heading for item 58 is incorrect, it should read "Report of the Committee on Senate Elections".

70. *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:

*Report of the Senate Committee on Undergraduate Studies

70.1 Faculty of Education

Page 225, 1994-95 Calendar, following the heading Admission, add the following to Clause 3:

"Students wishing to complete an internship in French Immersion must complete Education 4156 and meet the stated prerequisites for that course."

Following the heading Regulations for the Degree of Bachelor of Education (Secondary), amend Clause 3.b)(iv) to read as follows:

"3.b)(iv) Education 2420, 2900, 3210, 3211, 3255, 3290, 3565, 3570, 3571, 3585, 3943, 4144, 4155, *4156, 4163, 4172, 4182, 4204, 4275, 4340, 4425, 4480, 4600, 4610"

New course

4156. Introduction to Teaching in French Immersion in the High School. This course gives an introduction to the nature and purpose of the French immersion programme at the senior high school level. Topics include: an overview of the development of French immersion, basic principles of French immersion education, an analysis of teaching language through subject matter, strategies specific to the immersion classroom; texts currently prescribed for use in the schools; techniques for teaching literature.

Prerequisites: Education 4150, a major in French, and three semesters of study in an approved francophone institution, or permission of the instructor.

Page 222, under the heading Regulations for the Degree of Bachelor of Education (Primary) and page 224, under the heading Regulations for the Degree of Bachelor of Education (Elementary), subheading French, amend item 6 to read as follows:

"- At least five weeks at an approved francophone

institution in a French speaking area."

70.2 Changes to General Academic Regulations (Undergraduate)
Resulting from the Report of the Vice-President
(Academic)'s Task Group on Evaluation and Grading:

Page 61, 1994-95 Calendar, under the heading General
Academic Regulations (Undergraduate), insert the
following new section:

"V. POLICY AND PROCEDURES GOVERNING ACCESS TO FINAL
EXAMINATION SCRIPTS

Policy

A student has a right to see his or her final examination
script. However, the script is deemed to be the property
of the University and the University retains full
possession and control of the script at all times. While
the University recognizes the right of a student to have
access to his/her final examination script, subject to
the conditions outlined below, this policy upholds the
authority and judgement of the examiner in evaluation.
It should also be noted that while this policy governs
students' access to examination scripts, re-reading of
examination papers is governed by separate regulations
included in this Calendar.

Procedures

A student may submit a written request to the Head of an
academic unit (Dean or Director in the case of non-
departmentalized unit) in which a course is offered for
permission to view his/her final examination script
subject to the following conditions:

- a) Any such request must be made following release of
examination results for the semester in which the course
was taken, and within one month of the release by the
University of the grade reports.
- b) The final examination must be viewed in the presence
of the course instructor or other person delegated by the
Head of the academic unit (Dean or Director in the case
of a non-departmentalized unit). Both the instructor and
the student have the right to be accompanied by a
registered student or a member of the faculty or staff of
the University.
- c) The final examination script must not be taken away
or tampered with in any way by the student.

NOTE: In the case of the Sir Wilfred Grenfell College,
for Dean, read Principal of the College, for Head of
Academic Unit, read Head of Department or Co-ordinator of
the Department as appropriate.

Re-letter current sections V., W. and X. as sections W., X. and Y. respectively.

Page 246, Senate minutes of April 11, 1995, amend S.2. as "S.2.(a)" and add the following:

"The following shall be included in the method of evaluation:

(i) the allocation of marks for all parts of the evaluation, e.g., assignments, laboratory projects, presentations, tests, mid-term exams, final exams;

(ii) the approximate dates of all requirements that will take place in class, e.g., test, mid-term exams, presentations, and assignments; and the dates on which assignments to be completed out of class are due.

2.(b) The method of evaluation as made available to the class in the first week shall be changed only if

(i) exceptional circumstances warrant the change; and

(ii) the head of the academic unit approves the proposed change; and

(iii) accommodation is made for students who demonstrate to the faculty member that they are disadvantaged by the change approved as above."

70.3. Proposal for a Collaborative Nursing Curriculum

New Programme

SCHOOL OF NURSING

FOUR YEAR COLLABORATIVE NURSING PROGRAMME

MISSION STATEMENT

The mission of the Collaborative Nursing Education Programme is to prepare nurses to meet the challenges of health care today and into the 21st century. The programme reflects the collaborative efforts of the province's five schools of nursing - General Hospital School of Nursing, St. Clare's Mercy Hospital School of Nursing, Salvation Army Grace General Hospital School of Nursing, Memorial University of Newfoundland School of Nursing, and Western Memorial Regional Hospital School of Nursing.

The profession of nursing involves caring for and about people. Health, the goal of nursing practice, is achieved by working with persons in a manner that respects individuals' beliefs and values. The

Collaborative education programme assists students to develop the knowledge, skills and attitudes necessary to help people achieve and maintain health.

The learning environment of the programme is based on the belief that students and faculty are equal partners in the educational process. Students by being actively involved in the learning process develop an appreciation of, and responsibility for the discovery of knowledge. Faculty facilitate learning by serving as resource

persons

and role models and by challenging students to be self-directed and creative.

The learning opportunities provided acknowledge that nursing is a practice discipline whose service is provided in any and all settings where persons function. Practicing nurses within these settings provide valuable assistance in the students development of competencies required for beginning nursing practice.

GENERAL REGULATIONS FOR THE COLLABORATIVE NURSING PROGRAMME

This Collaborative Nursing Programme is offered at Memorial University of Newfoundland School of Nursing, School of Nursing operated by the Health Care Corporation of St. John's, and Western Memorial Regional Hospital School of Nursing.

ADMISSION

1. Applicants for admission or re-admission must complete an application for the Collaborative Nursing Programme. In addition, students who have not registered for courses at Memorial University for either of the two immediately preceding semesters must also complete a general application for admission to the University. Applications must be submitted to the Office of the Registrar, Memorial University.
2. New applicants to the Collaborative Nursing Programme will be accepted for the Fall semester only. DEADLINE: Applications, including all required documents, must be received by March 1.
3. To be considered for admission to the Collaborative Nursing Programme applicants are required to meet the General Admissions Requirements of Memorial University. In addition, high school Advanced Math 3201 is preferred and high school science courses must include the following:
 - (i) Biology 3201 or equivalent
 - (ii) Chemistry 3202 or equivalent
4. Mature applicants, as defined by Memorial University

of Newfoundland, may be considered for admission to the Collaborative Nursing Programme if they have a high school diploma, or its equivalent, as certified by the Department of Education of Newfoundland. Applicants must also meet the science course requirements stated in clause 3 in order to be considered for admission.

5. Admission to the Collaborative Nursing Programme is on the basis of competition for a limited number of places. Selection of candidates will be based on academic performance and on other criteria considered suitable for professional practice in nursing. Admission to the programme is denied to any student if, in the judgement of the Undergraduate Studies Committee, s/he is deemed unsuitable for admission. Priority will be given to residents of the province.
6. Applicants must satisfy the health and immunization requirements for admission to the Collaborative Nursing Programme.
7. Proof of certification in Standard First Aid and Basic Cardiac Life Support, offered by the Canadian Red Cross Society or St. John Ambulance Association, is required to be submitted prior to entry into the programme. Certification obtained from other organizations will be accepted if deemed equivalent by the Schools of Nursing.

ACADEMIC STANDARDS AND PROMOTIONS

1. The Memorial University School of Nursing constitutes the examining body for all School of Nursing examinations. The standing of every student will be assessed at the end of each academic semester by the Undergraduate Studies Committee, and a grade report will be issued by the Registrar of Memorial University of Newfoundland to the individual student.
2. Students are required to achieve a grade of at least 65% or a grade of PAS as appropriate in each of the required nursing courses.
3. A student may be required to withdraw from a nursing course with a clinical component or from the programme at any time, on the recommendation of the Undergraduate Studies Committee, if the student is deemed unlikely to profit from continued attendance in the nursing course or programme and/or is deemed unsafe in a clinical setting.
4. Students failing to achieve the requirements outlined in Clause 2 or who are required to withdraw from a nursing course under Clause 3 are permitted to repeat the given nursing course only once. A second failure or a second mandatory withdrawal from a given nursing course requires withdrawal from the Collaborative Nursing Programme.

5. Failure in excess of three nursing courses during the programme results in mandatory withdrawal from the Collaborative Nursing Programme.
6. Students who are required to withdraw from the programme and who wish to re-enter the programme may reapply in competition after the lapse of two semesters. A student who has been required to withdraw on more than one occasion may re-apply in competition for re-admission after the lapse of six semesters.
7. Students appealing matters such as admission, readmission, examinations and promotion must make their appeal in writing, clearly stating the basis of the appeal, to the Chair, Undergraduate Studies Committee. Appeals cannot be made on the basis of grades awarded in individual courses, as the student will normally have had the opportunity of contesting a grade after notification.
8. In special cases the Undergraduate Studies Committee may waive the course requirements that apply only to the Collaborative Nursing Programme.

SUPPLEMENTARY EXAMINATIONS

Policy

Any student receiving a grade of 60% in a Nursing course is eligible to write a supplementary examination in that course. Only three supplementary examinations in Nursing courses can be written during the programme.

Guidelines

1. Supplementary examinations are allowed only in Nursing courses that have a written final examination.
2. Supplementary examinations will have the same weight as final examinations for the course in determining whether the student achieves a passing grade for the course.
3. Any student writing a supplementary examination can only obtain a maximum grade of 65% in the course.
4. Supplementary examinations will be written no later than the first week of the semester immediately following the one in which the course was failed. Normally they should coincide with the writing of deferred examinations in courses where deferred examinations are granted for the semester in question. Grades for supplementary examinations must be received by the Registrar's Office within one week following the completion of the examination.

5. A student may write a supplementary examination for any one course only once; if the result of a supplementary examination is a fail, then the course must be repeated in order to obtain credit.
6. If it is mathematically impossible to achieve a passing grade in a course, then the student will not be granted a supplementary examination.

PROGRAMME OF STUDIES: BACHELOR OF NURSING

CHARACTERISTICS OF THE DEGREE GRADUATE

The Collaborative Nursing programme is designed to prepare graduates who will function as beginning practitioners within acute, long term and community health care settings. The graduate is prepared to assume the roles of direct care giver, teacher, counsellor, advocate, coordinator of care and member of the nursing profession. The curriculum design empowers the graduate by providing learning experiences necessary to develop the knowledge, competencies and attitudes required to:

1. Practise nursing within a variety of settings, by collaborating with individuals, families, groups and communities, to assist them to achieve optimal functioning through promotion, prevention, maintenance, restoration and palliation.
2. Practise the caring ethic as an integral dimension of nursing.
3. Create a caring environment through effective communication with individuals, families, groups and communities.
4. Create a personal framework for nursing practice.
5. Provide competent nursing care to meet the health related needs of individuals, families, groups and communities.
6. Use management and leadership skills to co-ordinate and enhance health care within society.
7. Foster the extension of nursing knowledge through use of and participation in nursing research.
8. Use critical thinking to assist individuals, families, groups, and communities to achieve optimal functioning.
9. Promote collegial relationships among the different sectors of society participating in the delivery of health care.

10. Appraise how nursing roles emerge as the needs of society evolve.
11. Evaluate nursing practice in relation to legal, ethical and professional standards.
12. Accept responsibility for lifelong personal and professional growth using formal and informal strategies for the continuous discovery of knowledge.
13. Recognize the contributions of the nursing profession in global health affairs.
14. Accept responsibility for the promotion of change in health care in response to social, cultural, political and economic factors.

PROGRAMME REQUIREMENTS

Forty-three credits are required for the completion of the degree. The required courses are as follows:

Nursing Courses (31)

1001, 1002, 1003, 1011, 1012, 1014, 1511, 1520, 2001, 2003, 2004, 2011, 2013, 2501, 2511, 2520, 3001, 3111, 3113, 3501, 3511, 3520, 3521, 3522, 4101, 4103, 4104, 4110, 4501, 4512, 4513.

Other Courses (6)

- a) Two courses from English
- b) Biochemistry 2430
- c) Introduction to Microbiology
- d) Psychology 1000
- e) Statistics 2500 or equivalent

Elective Courses (4)

One credit course from each of the following

- a) Business
- b) Philosophy 2800 to 2810 series or Religious Studies 2610
- c) Political Science
- d) Sociology/Anthropology

Additional Elective Courses (2)

- Any credit courses within the university.

Note: Nursing courses which are designed for the BN (Post-RN) programme may be used as electives in the Collaborative Nursing Programme with permission of the Undergraduate Studies Committee and the course professor.

REGISTRATION EXAMINATIONS

To meet the licensing requirements for practising nursing in Canada, students must write the licensure examination from the Canadian Nurses Association Testing Service (CNATS).

To be eligible to write the registered nurse licensure examination, candidates must graduate from an approved School of Nursing and be recommended by the School of Nursing.

In order to be recommended for the registered nurse licensure examination, a student must complete a comprehensive examination set by the Collaborative Nursing Programme. The comprehensive examination may be in the form of a commercial examination, eg. Mosby Assess Test or NLN exam.

PROGRAMME OF STUDIES: DIPLOMA IN NURSING

The diploma exit option is only offered at the School of Nursing operated by the Health Care Corporation of St. John's, and Western Memorial Regional Hospital School of Nursing.

CHARACTERISTICS OF THE DIPLOMA GRADUATE

The Collaborative Nursing programme is designed to prepare graduates who will function as beginning practitioners within structured acute, long term and continuing health care settings. The graduate is prepared to assume the roles of direct care giver, teacher, counsellor, advocate, coordinator of care and member of the nursing profession. The curriculum design empowers the graduate by providing learning experiences necessary to develop the knowledge, competencies and attitudes required to:

1. Practise nursing within a variety of settings, by collaborating with individuals, families and groups to assist them to achieve optimal functioning through promotion, prevention, maintenance, restoration and palliation.
2. Integrate the caring ethic as an integral dimension of nursing.
3. Create a caring environment through effective communication with individuals, families, and groups.
4. (a) Integrate concepts and theories of sciences, humanities and nursing in the care of individuals, families and groups.
(b) Analyze the conceptual framework of the collaborative programme in relation to conceptual

frameworks for nursing practice.

5. Provide competent nursing care to meet the health related needs of individuals, families, and groups with complex health related needs.
6. Use management and leadership skills to co-ordinate care to groups of individuals.
7. Use nursing research literature to identify rationale for nursing practice as it applies to individuals, families, and groups.
8. Use critical thinking to assist individuals, families, and groups to achieve optimal functioning.
9. Collaborate in collegial relationships with members of the interdisciplinary health team.
10. Assume the appropriate nursing roles in relation to health care situations.
11. Analyze nursing practice in relation to legal, ethical and professional standards.
12. Accept responsibility for lifelong personal and professional growth through self-directed learning.
13. Discuss the interrelationship between the nursing profession and the national health care system.
14. Appreciate the need to promote change in health care in response to social, cultural, political and economic factors.

PROGRAMME REQUIREMENTS

Thirty-five credits are required for the completion of the diploma. The required courses are as follows:

Nursing Courses (24)

1001, 1002, 1003, 1011, 1012, 1014, 1511, 1520, 2001, 2003, 2004, 2011, 2013, 2501, 2511, 2520, 3001, 3111, 3113, 3501, 3511, 3520, 3521, 3522.

Other Courses (6)

- a) Two courses from English
- b) Biochemistry 2430
- c) Introduction to Microbiology
- d) Psychology 1000
- e) Statistics 2500 or equivalent

Elective Courses (4)

One credit course from each of the following

- a) Business
- b) Philosophy 2800 to 2810 series or Religious Studies 2610
- c) Political Science
- d) Sociology/Anthropology

Additional Elective Course (1)

- Any credit course within the university

Note: Nursing courses which are designed for the BN (Post-RN) programme may be used as electives in the Collaborative Nursing Programme with permission of the Undergraduate Studies Committee and the course professor.

REGISTRATION EXAMINATIONS

To meet the licensing requirements for practising nursing in Canada, students must write the licensure examination from the Canadian Nurses Association Testing Service (CNATS).

To be eligible to write the registered nurse licensure examination, candidates must graduate from an approved School of Nursing and be recommended by the School of Nursing.

In order to be recommended for the registered nurse licensure examination, a student must complete a comprehensive examination set by the Collaborative Nursing Programme. The comprehensive examination may be in the form of a commercial examination, eg. Mosby Assess Test or NLN exam.

COLLABORATIVE NURSING PROGRAMME, POST-DIPLOMA ENTRY

Students who choose the diploma option must apply to re-enter the programme to complete the remaining year of the degree requirements.

ADMISSION

1. Applicants for re-admission must complete an application for the Collaborative Nursing Programme. In addition, students who have not registered for courses at Memorial University for either of the two immediately preceding semesters must also complete a general application for admission to the University. Applications must be submitted to the Office of the Registrar, Memorial University.
2. Applicants for re-admission to the Collaborative Nursing Programme will be accepted for the Fall semester only. DEADLINE: Applications, including all required documents, must be received by April 1.

3. a. For the purpose of re-admission to the Collaborative Nursing Programme, a Registered Nurse is a Nurse who is currently registered in Newfoundland or eligible to register in Newfoundland.
- b. The applicant must possess a current licence which identifies him/her as a practising member of the Association of Registered Nurses of Newfoundland before taking courses with clinical components.
4. Admission to the Collaborative Nursing Programme is on the basis of competition for a limited number of places. Selection of candidates will be based on academic performance in previous courses and on other criteria considered suitable for professional practice in nursing.
5. Applicants must satisfy the health and immunization requirements for admission to the Collaborative Nursing Programme.

PROGRAMME REQUIREMENTS

The following credits are required for the completion of the degree.

Nursing Courses (7)
4101, 4103, 4104, 4110, 4501, 4512, 4513.

Elective course (1)

Any credit course within the university.

Note: Nursing courses which are designed for the BN (Post-RN) programme may be used as electives in the Collaborative Nursing Programme with permission of the Undergraduate Studies Committee and the course professor.

COURSE LIST

CREDIT COURSES

N1001. Introduction to Nursing. This course introduces the major concepts and theories related to the paradigm of person, health, society, nursing and nursing education in relation to the philosophy, conceptual framework and objectives of the programme. Emphasis is placed on the concept of caring as the essence of nursing practice. Students are given the opportunity to develop basic nursing skills.

Lecture: Three hours per week.

Laboratory/Clinical: Two hours per week.

Note: Credit may not be obtained for both N1001 and either of N2010 or N2400.

N1002. Anatomy and Physiology I. This course presents a survey of human anatomy and physiology throughout the lifespan. It includes aspects of cytology and histology

that form a foundation for the practice of nursing. Special emphasis is given to the skeletal, muscular, nervous and endocrine systems.
Lecture: Three hours per week.
Laboratory: Two hours per week
Note: Credit may not be obtained for both N1002 and either of N2101 or N2300.

N1003. Developing Therapeutic Relationships. This course focuses on the application of caring theory to interpersonal communications. It emphasizes the development of the role of communicator in individual and group experiences and in professional relationships. Utilizing an experiential model, laboratory experiences focus on self-awareness and group dynamics.
Corequisite: N1001
Lecture: Three hours per week.
Laboratory: Two hours per week.
Note: Credit may not be obtained for both N1003 and N3021.

N1011. Health Promotion throughout the Lifespan. This course explores nursing concepts and theories pertaining to health promotion/protection throughout the lifespan. Content includes principles of teaching/learning, and community health concepts. The laboratory component provides further development of psychomotor competencies.
Prerequisites: N1001; Prerequisites or Corequisites Psychology 1000, N1003.
Corequisite: N1511.
Lecture: Three hours per week.
Laboratory: Two hours per week.

N1012. Anatomy and Physiology II. This course presents a survey of anatomy and physiology throughout the lifespan. It includes aspects of cytology, histology and embryology that form a foundation for the practice of nursing. Special emphasis is given to the circulatory, respiratory, urinary, digestive, and reproductive systems, including pregnancy and delivery.
Prerequisites: N1002 Anatomy and Physiology I
Lecture: Three hours per week.
Laboratory: Two hours per week.
Note: Credit may not be obtained for both N1012 and either N2102 or N2301.

N1014. Health Assessment. This course focuses on the development of competencies needed to assess the health status of individuals throughout the lifespan using a systematic approach. Content includes the nurses responsibilities in the health history, physical examination, interpretation of findings, and documentation.
Corequisite: N1012
Lecture: Three hours per week.
Laboratory: Two hours per week.
Note: Credit may not be obtained for both N1014 and

either N2040 or N2830.

N1511. Nursing Practice for Health Promotion. This course provides the student with opportunities to apply knowledge and practise competencies for health promotion and protection across the lifespan, as they are acquired in N1011.

Corequisite: N1011.

Clinical: Four hours per week.

N1520. Extended Practice I. This course provides the student with the opportunity to integrate the knowledge and practise the competencies acquired to date. The focus is on nursing care for the promotion, protection and maintenance of health for individuals within the context of the family.

This course is taught at the end of the winter semester, usually beginning during the final week of the examination period.

Prerequisites: N1011, N1511, N1012, N1014.

Seminar: Four hours per week.

Clinical: Ninety-six hours over three weeks.

N2001. Nursing Concepts for the Care of Women and the Childbearing Family. This course covers major concepts in women's reproductive health. The two major foci are women and their families through all phases of childbirth and the neonatal period, and nursing care of women experiencing alterations in reproductive health.

Prerequisite: N1520.

Corequisite/prerequisite: N2003, N2004.

Lecture: Three hours per week.

Laboratory: Two hours per week.

N2003. Pathophysiology. This course presents general concepts of disease processes and their impact on health. The course focuses on major pathophysiologic changes, including associated etiology, pathogenesis and clinical manifestations. Common illnesses are studied to illustrate these disease processes.

Prerequisites: N1012, Biochemistry 2430.

Corequisite: Introduction to Microbiology.

Lecture: Three hours per week.

Note: Credit may not be obtained for both N2003 and either N2250 or N3010/N3011.

N2004. Pharmacology and Nutrition. This course explores principles and concepts of pharmacology and nutrition. Course content includes the pharmacotherapeutic and nutritional management of common health problems. Nursing considerations pertinent to these therapies are addressed.

Prerequisites: Biochemistry 2430, N1012.

Lecture: Three hours per week.

Laboratory: Two hours per week.

Note: Credit may not be obtained for both N2004 and N2260.

- N2011. Nursing Concepts for Children, Adolescents and Young Adults. This course uses a conceptual approach to focus on the nursing care of individuals and families, from infancy to young adults. The emphasis is on assisting persons experiencing health related needs to achieve optimal functioning.
Prerequisite: N1520.
Corequisite/prerequisite: N2003, N2004.
Lecture: Three hours per week.
Laboratory: Two hours per week.
- N2013. Professional Development. This course examines the foundations of professionalism and its application, from both an individual and professional perspective. Content areas include legal/ethical issues, professional role development, current trends and issues, and the exploration of nursing as a theory-based practice.
Prerequisite: N1001.
Lecture: Three hours per week.
- N2501. Nursing Practice for the Care of Women and the Childbearing Family. This course provides the student with opportunities to apply knowledge and practise competencies acquired in N2001. Selected experiences are offered in a variety of institutional and community-based clinical settings related to the provision of nursing care for women and their families.
Corequisite: N2001.
Clinical: Eight hours per week.
- N2511. Nursing Practice with Children, Adolescents and Young Adults. This course provides the student with opportunities to apply knowledge and practise competencies acquired in N2011. Selected experiences are offered in a variety of institutional and community based clinical settings related to the provision of nursing care for children, adolescents, young adults and their families.
Corequisite: N2011.
Clinical: Twelve hours per week.
- N2520. Extended Practice II. This course provides the student with the opportunity to integrate the knowledge and practise the competencies acquired to date. The focus is on caring for individuals and their families experiencing health related needs. This course is taught at the end of the winter semester, usually beginning during the final week of the examination period.
Prerequisites: N2501, N2511.
Clinical: Ninety-six hours over three weeks.
Seminar: Four hours per week.
- N3001. Nursing Concepts for Mental Health. This course focuses on individuals, families and small groups experiencing psychiatric/mental health problems across the lifespan. The meaning of mental health and illness

to the individual, family and vulnerable populations are explored. Course content includes counselling, psychopathology, interdisciplinary psychiatric care, community mental health concepts and analysis of sociopolitical factors/issues affecting mental health.

Prerequisite: N2520.

Corequisite: N3501.

Lecture: Three hours per week.

Laboratory: Two hours per week.

Note: Credit may not be obtained for both N3001 and N4321/N4322.

N3111. Nursing Concepts in Middle and Older Adulthood.

This course uses a conceptual approach and focuses on individuals and families from middle to older adulthood. The emphasis is on assisting persons experiencing acute and chronic health related needs to achieve optimal functioning.

Prerequisite: N2520.

Lecture: Three hours per week.

Laboratory: Two hours per week.

N3113. Nursing Leadership and Management. This course is designed to promote an understanding of the theories and principles of leadership and management in relation to the Coordinator of Care nursing role. Emphasis is placed on concepts of organizational structure and function, management of client care, team building, professional development, and application of nursing theories to practice. Current issues and trends are explored.

Prerequisite: N2013.

Lecture: Three hours per week.

Note: Credit may not be obtained for both N3113 and N5000.

N3501. Nursing Practice for Mental Health. This course provides the student with opportunities to apply theoretical knowledge and to practise competencies acquired in N3001 and related courses, in a variety of settings.

Corequisite: N3001.

Clinical: Twelve hours per week.

Note: Credit may not be obtained for both N3501 and N4321/N4322.

N3511. Nursing Practice with Middle and Older Adults.

This clinical course focuses on the application of the concepts and practices which are covered in N3111. Selected experiences are offered in a variety of institutional and community based settings related to the provision of nursing care for middle and older adults, and their families.

Prerequisite: N2520.

Corequisite: N3111.

Clinical: Twelve hours per week.

N3520, N3521, N3522. Extended Practice III (Three

credits). These courses provide the students with the opportunity to apply leadership and management principles in coordinating care for groups of individuals within a variety of nursing care settings. Students also have the opportunity to further develop clinical competencies acquired in previous courses. For students exiting with a diploma, there will be a seminar at the end of the clinical experience.

Prerequisites: N3001, N3501, N3111, N3511, N3113.

Clinical: Forty hours per week for 12 weeks

Eight weeks of leadership and management; Four week elective.

Note: Credit may not be obtained for N3520, N3521, N3522 and N5300.

N4101. Community Health Nursing. This course focuses on the knowledge required to practise nursing at the aggregate and community levels. It further examines the principles of primary health care, their application in community health nursing and the multidimensional role of the nurse. Core concepts include: community development, epidemiology, programme development, and the theoretical bases of community health nursing.

Prerequisites: N3520, N3521, N3522.

Corequisite: N4501.

Lecture: Three hours per week.

Tutorial: Two hours per week.

Note: Credit may not be obtained for both N4101 and N4010.

N4103. Advanced Professional Development. This course focuses on the development of a personal framework for nursing practice, nursing organizations at the international level and nursing's role and development within health care systems. Current trends and issues in health policy and health care are examined.

Prerequisite: N3113.

Lecture: Three hours per week.

Note: Credit may not be obtained for both N4103 and N5220.

N4104. Nursing Research. This course builds on previously introduced research concepts. It explores the research process and its inherent ethical and legal implications. The course focuses on the acquisition of concepts used to critically appraise nursing research studies and examine the relevance of these studies for nursing practice.

Prerequisite: Statistics 2500 or equivalent.

Lecture: Three hours per week.

Note: Credit may not be obtained for both N4104 and either N4002 or N4202 or N4600.

N4110. Senior Seminar. This course follows the completion of two clinical preceptorship courses taken during the final semester of the programme. It is designed to allow students to share with peers and faculty their ability to

critically discuss the professional competencies used in complex work-related situations. Students present a report about a significant aspect of a nursing role in which they participated during one of the two clinical courses N4512 or N4513.

Prerequisites: N4501, N4104, N4103.

Corequisites: N4512, N4513.

N4501. Community Health Nursing Practice. This course provides the student with opportunities to apply knowledge and further develop competencies acquired in community health nursing and other related courses. In the clinical experiences, students work with selected individuals/families and aggregates at the community level.

Corequisite: N4101.

Clinical: Twelve hours per week.

Note: Credit may not be obtained for both N4501 and N4310.

N4512. Community Health Practicum. This course provides students with the opportunity to integrate and consolidate knowledge and competencies acquired throughout the programme and apply them to community health nursing practice. Using a primary health care framework, the student participates in strategies which facilitate the mobilization of communities toward health.

Prerequisites: N4101, N4501.

Clinical: Forty hours per week for four weeks.

Note: Credit may not be obtained for both N4512 and N5310.

N4513. Nursing Practice Elective. The selection of this clinical seminar course acknowledges nursing as a practice discipline and enables students to further develop their professional roles. Students are given the opportunity to practice in an area of their choice.

Prerequisites: N4101, N4501.

Clinical: Forty hours per week for four weeks.

Suggested Sequencing of Courses

YEAR	FALL	WINTER	SPRING
I	N1001	N1011	
	N1002	N1012	
	N1003	N1014	
	English	N1511	
	Psychology	N1520	
	1000	Biochemistry 2430	
II	N2001	N2011	
	N2003	N2013	
	N2004	N2511	
	N2501	English	
	Introduction to	Elective	

	Microbiology	N2520	
III	N3001	N3111	N3520
	N3501	N3113	N3521
	Political Science	N3511	N2322
	course	Business	Diploma
	Statistics course	course	Exit
	Philosophy or	Sociology/	Option
	Religious Studies	Anthropology	
	course		
IV	N4101	N4110	
	N4103	N4512	
	N4104	N4513	
	N4501		
	Elective		

70.4 Time Limits on Appeals

A memorandum dated February 24, 1995 was received from the Senate Committee on Undergraduate Studies advising that they are withdrawing the proposal for including a statement under General Regulation C. of the Calendar regarding time limits on appeals, since Senate has now approved a policy regarding attendance at classes, laboratories or other education activities while an appeal is in progress.

70.5 Admission Requirements for the Purpose of Declaring a Major or Minor

A memorandum dated February 24, 1995 was received from the Senate Committee on Undergraduate Studies advising that it has decided to table the submissions from the Departments of Biology, Biochemistry, Chemistry and Psychology relating to admission requirements for the purpose of declaring a major or minor for discussion pending receipt of the Report from the Task Force on Competitive Admission which should be available in the next 2-3 weeks.

70.6 Review of General Regulations Q. CHANGES IN REGISTERED COURSES AND R. WITHDRAWALS FROM UNIVERSITY

Page 59, 1994-95 Calendar, following the heading Q. Changes in Registered Courses, insert new paragraph before notes to read as follows:

"Students are strongly encouraged to seek academic advice when considering dropping courses particularly once lectures have begun. For more information on sources of academic advice, refer to the section on Academic Advising immediately preceding General Academic Regulations (Undergraduate).

Amend Clause 2.a), b), c) and d) to read as follows:

- "2.a) From two weeks to seven weeks following the first day of lectures in any semester as stated in the University Diary, a student in his/her first semester may, upon formal notification to the Registrar drop a course or courses without academic prejudice. A grade of "DR" will be assigned in these circumstances. A course withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal.
- b) From seven weeks following the first day of lectures in any semester to the last day to add courses in the following semester as stated in the University Diary, a student in his/her first semester who is prevented from completing a course by illness, bereavement, or other acceptable cause, duly authenticated in writing, may, with the approval of both the course instructor and either the head of the student's major or delegate, or, in the case of students who have not declared a major, the head of the department of the course in question and upon formal notification to the Registrar, drop a course or courses without academic prejudice. A grade of "DR" will be assigned in these circumstances. A course withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal.
- c) From two weeks to five weeks following the first day of lectures in any semester as stated in the University Diary, a student beyond his/her first semester may, upon formal notification to the Registrar drop a course or courses without academic prejudice. A grade of "DR" will be assigned in these circumstances. A course withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal.
- d) From five weeks following the first day of lectures in any semester to the last day to add courses in the following semester as stated in the University Diary, a student beyond his/her first semester who is prevented from completing a course by illness, bereavement, or other acceptable cause, duly authenticated in writing, may, with the approval of both the course instructor and either the head of the student's major or delegate, or, in the case of students who have not declared a major, the head of the department of the course in question and upon formal notification to the Registrar, drop a course or courses without academic prejudice. A grade of "DR" will be assigned in these circumstances. A course withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal."

Amend Clause 4 to read as follows:

"Any student dropping courses except under the provisions of clause 2 above will have a "DRF" grade and a zero mark entered on his or her record for each such course dropped."

Following the heading R. Withdrawals from University
insert new paragraph before notes to read as follows:

"It is strongly recommended that students considering withdrawing from the University seek academic advice. For more information on sources of academic advice, refer to the section on Academic Advising immediately preceding General Academic Regulations (Undergraduate)."

Amend note 6 to read as follows:

"A student withdrawing from the university, except as indicated below, shall receive a "DRF" grade and a zero mark in each such course. A withdrawal is not official until the Registrar is officially notified and has certified the withdrawal. Students who are obliged to withdraw from the University for medical reasons may not be permitted to re-enter unless they can provide medical evidence satisfactory to the Director of the Student Health Service, of fitness to pursue their studies."

Amend Clause 1 to read as follows:

"For five weeks following the first day of lectures in any semester as stated in the University Diary, a student, may upon formal notice to the Registrar, withdraw from the university without academic prejudice. A grade of "DR" will be assigned to all courses in these circumstances. A withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal."

Delete Clause 2.

Renumber Clause 3 as 2 and amend to read as follows:

"2. From five weeks following the first day of lectures in any semester to the last day to add courses in the following semester as stated in the University Diary, a student who is prevented from completing the semester by illness, bereavement, or other acceptable cause, duly authenticated in writing, may, with the approval of the Dean or Director of his/her Faculty or School or the Senior Faculty Adviser for students who have not declared a major or the Principal of Sir Wilfred Grenfell College, as appropriate, and upon formal notification to the Registrar, withdraw from the University without academic prejudice. A grade of "DR" will be assigned to all courses in these circumstances. A course withdrawal is not official until the Registrar is officially notified and has certified the course withdrawal."

70.7 Pan-Canadian Protocol on the Transferability of University Credits

It was agreed to approve in principle the Pan-Canadian Protocol on the Transferability of University Credits as given on pages 3-4 of the February 7, 1995 document of the same title, as follows:

"Given the importance of promoting student mobility across Canada at the university level;

given the high quality and standards of all universities in Canada;

given the evolving characteristics of the Canadian university student body where students are generally older, more mobile, and more likely to be forced by work-related or personal reasons to register in more than one university to complete their undergraduate work;

given the need to reassure students that all course work satisfactorily completed in the first two years of university study will be considered for recognition of credit should they be granted admission at another university; and

given the need to reassure students that the process of transferring to another university in Canada will not result in undue additional costs or in the need to repeat essentially equivalent previous learning experiences, the [name of university] undertakes to take the necessary measures to ensure that, by September 1, 1995, all course work completed by transfer students during the first two years of university study in Canada [including the final year of studies leading to a diploma of college studies (DCS) in Quebec and the university transfer courses offered by community colleges and university colleges in British Columbia and Alberta] will be recognized and fully credited for the purposes of granting a degree provided that:

1. the transfer student is deemed admissible and has been presented with an offer of admission;
2. the transfer student has achieved a passing grade in his/her course(s) and has obtained grade levels that would normally be required of continuing students; and
3. the credits earned are related to the programme of study in which the transfer student will register, or the credits can be counted as electives for the programme of study."

70.8 Memorandum regarding the Course Number for "Business Policy

A memorandum was received from the Secretary, Committee

on Undergraduate Studies, Faculty of Business Administration, regarding the renumbering of Business 7000 "Business Policy" to Business 6000 (approved at the January meeting of Senate). Because the number Business 6000 has been used for another course it was agreed that for the time being at least, "Business Policy" would continue to be offered as Business 7000, even though in the new programme, it will be required in Term 6.

*Report of the Academic Council of the School of Graduate Studies

70.9 Revision to Calendar Entry - Master in Women's Studies

Page 419, 1994-95 Calendar, following the heading

B. Programme of Study Clause iii.a) deletethe following:

"WSTD 6400-6409 Special Topics".

Amend Clause iii.b) to read as follows:

"iii.b) One to three additional courses approved by the Women's Studies Graduate Committee will be required. These courses will be selected from graduate courses in cognate academic units, or from the block of special topics courses in women's studies WSTD 6400-6409."

70.10 School of Physical Education and Athletics

New course

"6130 Computer Applications in Physical Education".

70.11 Revision to General Regulation J.5.

Page 369, 1994-95 Calendar, under the heading J. Theses and Reports, Clause 5. Time Limit for Revision delete current entry and replace with the following:

"The final version of Master's and Ph.D. theses/reports found acceptable with or without corrections shall be submitted to the School of Graduate Studies within 6 months of the date on which the thesis/report and the student's examiners' reports are returned to the student's academic unit. If a corrected thesis/report is not submitted within 6 months the student is considered to have withdrawn from the programme. After this time, the student must apply to be readmitted.

Master's and Ph.D. theses/reports requiring re-examination shall be resubmitted to the School of Graduate Studies within 12 months of the date

on which the thesis/report and the examiner's reports are returned to the student. Students requiring resubmission and re-examination of theses/reports must maintain their registration during this period. Failure to resubmit the revised thesis/report within 12 months will result in termination of the student's programme."

Make reference to General Regulation J.5 to the following sections:

J.3.A.b. At the end of this regulation insert (See General Regulation J.5.)

J.3.A.c. At the end of the first sentence insert (See General Regulation J.5.)

J.4. Note 2 At the end of Note 2 insert (See General Regulation J.5.)

70.12 New Programme - M.A. in Classics

New Programme

CLASSICS

The degree of Master of Arts is offered in Classics. Courses and thesis research are undertaken in the following areas: Greek and Latin literature; Greek and Roman history; ancient thought. Courses are normally completed in the first year of study; a thesis on an approved topic is written in the second year.

1. Applicant shall normally have completed either a) at least nine courses in Greek and six courses in Latin, or b) at least nine courses in Latin and six courses in Greek. Applicants must have achieved a cumulative average of 75% in these courses.
2. The M.A. in Classics requires the completion of four one-semester Classics courses at the 6000 level, one of which is Classics 6000. In order to meet a specific deficiency a study may be required also to complete one or more undergraduate courses in Greek and Latin at the 3000 or 4000 level.
3. Graduate students in Classics will be required to pass two exams based on reading lists of Greek and Roman authors. The exams test students' ability to translate from Greek and Latin into English and also require some commentary on the set texts. Students are expected to write these exams in the fourth semester of their programme of study.
4. Students are required to demonstrate, as early as possible, and no later than the fourth semester of their programme of study, an ability to read German or French or Italian. Students shall satisfy this requirement by writing a translation exam set by

the Department.

5. The submission of an acceptable thesis is required for the M.A. programme. Broad areas of thesis research are: Greek literature; Latin literature; Greek history; Roman history; ancient thought.

COURSES

6000 Research Methods in Classical Scholarship
6010 Greek Literature: Prose
6020 Latin Literature: Prose
6030 Greek Literature: Poetry
6040 Latin Literature: Poetry
6050 Greek History
6060 Roman History
6070 Greek and Roman Historiography
6080 Ancient Philosophical Literature

70.13 Graduate Diploma - Faculty of Medicine

New Graduate Diploma

MEDICINE

Dean and Professor of Medicine
D. Hawkins

Assistant Dean
V. Skanes

In addition to its commitment to teaching, the Faculty of Medicine strongly supports the research activities of its members. Programmes have been designed to attract postdoctoral fellows and students interested in studying for the M.Sc. and Ph.D. degrees. Areas of strength have emerged in Molecular Biology of Cancer and Development, Endocrinology, Human Genetics, Immunology, Neurosciences, Cardiovascular and Renal Sciences, Epidemiology and Health Service Research. The approach to research in this Faculty is multidisciplinary and interaction among the Divisions of Basic Sciences, Community Medicine and Clinical Sciences is encouraged.

The degrees of Doctor of Philosophy and Master of Science and Diplomas in Community Health and Clinical Epidemiology Research are offered in the Faculty of Medicine by full-time and part-time study.

A. PROGRAMMES

There are five graduate programmes: Immunology, Cell and Molecular Biology, Neurosciences, Cardiovascular and Renal Sciences, and Community Medicine. The Community Medicine programme offers, in addition to the regular M.Sc. and Ph.D. programmes, the option of a graduate Diploma with 2 streams: Community Health and Clinical

Epidemiology Research. In addition to courses and research, graduate students are expected to participate in appropriate seminars and journal clubs.

B. GRADUATE DIPLOMA

The Division of Community Medicine of the Faculty of Medicine offers an opportunity for professionals and individuals within the health sector to obtain or upgrade their training in Community Health and Clinical Epidemiology, The Division offers a Diploma with 2 streams: Community Health and Clinical Epidemiology Research.

1. Programme of Studies

- a) Community Health: 6200 (or 6201, 6202, 6203*); 6220 (or 6221, 6222, 6223*) and 6270 (or 6271, 6272, 6273*)
- b) Clinical Epidemiology Research: 6200 (or 6201, 6202, 6203*); 6270 (or 6271, 6272, 6273*) and 6250 (or 6251, 6252, 6253*)

These courses are offered as regular courses, normally during the Fall and/or Winter semester. They are also taught during the Spring Semester (Intersession) divided into units of 12 hours each. (*)Students registering for the Intersession format are encouraged to register for the same level units in the three courses in 3 successive intersessions until completing all 3 units for each course.

2. Admission Requirements

To be admitted to the Diploma in Community Health or Diploma in Clinical Epidemiology Research, a student must be eligible to register as a student in the Graduate Programme which requires:

A bachelors degree (minimum of second class) in any health related discipline.

Or in special circumstances, and upon the recommendation of the Graduate Programme Coordinator, a suitable combination of training and professional experience relevant to the programme.

A student who has been awarded the Diploma may subsequently apply for admission to a M.Sc. programme and to transfer credit for the graduate courses completed as part of the Diploma programme to the M.Sc. programme.

COURSES

- 6060. Biochemistry of Steroid Hormones
- 6070. Seminars in Physiological Instrumentation

6110-6119. Special Topics
6127. Immunology I
6128. Immunology II
(Prerequisite: Medicine 6127)
6130. Experimental Surgery
6170. Health Care Delivery I
6171. Health Care Delivery II
6180. Structure, Function and Pharmacology
of Muscle
6190. General Pharmacology
6192. Pharmacology of Receptors and
Receptor Effector-Coupling
Processes
6193. Advanced Topics in Neuroscience
6194. Advanced Topics in Physiology
(Prerequisite: Human Physiology
310A/B or Equivalent or permission
of Instructor)
6195. Neurobiology of Nervous System
Diseases
6200. Design and Experimentation in
Biomedical Sciences
6201* Elementary Statistics
6202* Univariate Inference
(Prerequisite: 6201)
6203* Multivariate Inference
(Prerequisite: 6202)
6210. Immunogenetics
6220. Introduction to Public Health
6221* Concepts of Public Health
6222* Health Protection and Disease
Prevention (Prerequisite: 6221)
6223* Health Promotion
(Prerequisite: 6222)
6250. Basic Clinical Epidemiology
6251* Introduction to Clinical
Epidemiology
6252* Critical Appraisal
(Prerequisite: 6251)
6253* Clinical Measurement
(Prerequisite: 6252)
6255. Clinical Research Design
6260. Sociology in Medicine (Same as
Sociology 6240)
6270. Epidemiology
6271* Principles of Epidemiology
6272* Observational Study Design
(Prerequisite: 6271)
6273* Survey Methodology
(Prerequisite: 6272)
6340. Research Topics in Molecular and
Microbiology I
6350. Developmental Immunology
6360. Host Resistance and its Defects
6390. Human Population Genetics
6420. Medical Science and Social
Responsibility in Health Care:

- Aspects of Medical History (Same as
History 6125)
6430. Seminar on the Sociology and
Politics of Health Organizations
6460. Nutrition and Immunity
6480. Food Intolerance
6490. Human Biochemical Genetics
6500. Research Topics in Biochemical
Genetics
6510. Clinical Biochemistry of Lipoproteins
6530. Histology
6580. Molecular Biology of Cancer
(Prerequisites: Biology 4241,
Biochemistry 4100 [or equivalent])
6590. Molecular Biology I - Cross-listed
as Biology 6590 and Biochemistry
6590 (Prerequisites: Biology 4241,
Biochemistry 4100 [or equivalent])
6591. Molecular Biology II - Cross-listed
as Biology 6591 and Biochemistry
6591 (Prerequisites: Biology 4241,
Biochemistry 4100 [or equivalent])
6593. Selected Readings in Molecular
Biology - Cross-listed as Biology
6593 and Biochemistry 6593
(Prerequisites or co-requisites:
Biology 6590,
6591/Biochemistry/Medicine 6590,
6591 [or equivalent])

* One unit courses. Credit cannot be obtained for both
a regular course and any of its constituent units.

70.14 Department of Political Science

New courses

- 6301 European Politics and Public Policy
- 6430 Latin American Politics
- 6770 Canadian Provincial Politics
- 6780 Politics of the Atlantic Provinces

70.15 Regulations Governing the Degrees of Master of Applied Science in Environmental Engineering and Applied Science, Master of Environmental Science and Master of Science in Environmental Science

New Programme

REGULATIONS GOVERNING THE DEGREES OF MASTER OF APPLIED
SCIENCE IN ENVIRONMENTAL ENGINEERING AND APPLIED SCIENCE,
MASTER OF ENVIRONMENTAL SCIENCE AND MASTER OF SCIENCE IN
ENVIRONMENTAL SCIENCE

A. PROGRAMME OF STUDY

1. The Faculty of Engineering and Applied Science and

the Faculty of Science jointly offer a programme in Environmental Engineering, Science and Applied Science leading to one of three degrees. These are Master of Applied Science in Environmental Engineering and Applied Science (M.A.Sc.), Master of Environmental Science (M.Env.Sci.) and Master of Science (Environmental Science) (M.Sc.). The programme is available on a full time or part time basis. Admission is open to students with Engineering or Science backgrounds.

2. The programme will be administered by a Steering Committee consisting of the Dean of Graduate Studies (or delegate) who shall be the Chair, the Dean of Engineering and Applied Science (or delegate), the Dean of Science (or delegate), and one representative from each of the two Faculties involved. Recommendations to the Steering Committee on programmes leading to the degree of M.A.Sc. will be made by a Board of Studies appointed by the Dean of Graduate Studies on the recommendation of the Dean of Engineering and Applied Science. Recommendations on programmes leading to the degrees of M.Sc. and M.Env.Sci. will be made by a Board of Studies appointed by the Dean of Graduate Studies on the recommendation of the Dean of Science.

B. QUALIFICATIONS FOR ADMISSION

1. Admission is limited and competitive. To be considered for admission applicants shall normally hold a Bachelor's degree in Engineering or an Honours degree in Science with at least second class standing, or equivalent, from an institution recognised by the Senate or shall have qualifications and/or environmental experience acceptable to the Dean of Graduate Studies and the appropriate Board of Studies. Boards of Studies will make recommendations on admission to the Dean of Graduate Studies

C. DEGREE REQUIREMENTS

1. To the extent that resources permit, individual programmes will be developed to suit student interests and needs. However all programmes must be approved by the appropriate Board of Studies, and the Dean of Graduate Studies. All General Regulations of the School of Graduate Studies shall apply to these degrees.
2. Master of Applied Science in Environmental Engineering and Applied Science
 - a) The Master of Applied Science degree is a multidisciplinary, professionally oriented degree which provides an advanced education for students who are already working, or who intend to work, in the environmental industry.

- b) A Board of Studies for Engineering and Applied Science, appointed by the Dean, will oversee administrative aspects of students' programmes, and will recommend students for admission and oversee academic aspects of students' programmes on behalf of the Faculty Council of the Faculty of Engineering and Applied Science.
- c) The degree programme requires the completion of nine courses, one of which is a project course. The programme will normally include at least seven courses offered by the Faculty of Engineering and Applied Science.
 - i) Students are required to complete Env.Sci./Eng. 6000, Eng. 9604, and at least three courses selected from Env.Sci./Eng. 6001-6006.
 - ii) At least two of the four elective courses shall be selected from Eng. 9605-9615.
 - iii) The remaining elective courses may be chosen from appropriate University graduate courses excluding Env.Sci./Eng. 6001-6006. Students are advised to consult with instructors and Faculties regarding necessary prerequisites and availability.

3. Master of Environmental Science

- a) The Master of Environmental Sciences is a multidisciplinary course-based degree, focussed on environmental issues. The degree programme provides for both multidisciplinary courses and for courses focussed on the student's specific area of interest.
- b) A Board of Studies for Environmental Science, appointed by the Dean, will recommend students for admission and oversee both the academic and administrative aspects of their programmes.
- c) The degree programme requires the completion of eight courses and a project report:
 - i. Students will be required to take a minimum of five programme courses, two of which must be Env.Sci./Eng. 6000 and Env.Sci. 6010. The remaining courses will be selected from Env.Sci./Eng. 6001-6006.
 - ii. Students will be required to take a minimum of three elective courses which will normally be selected from any graduate courses offered by the Faculties of Science and Engineering and Applied Science. Students are advised to consult with instructors and Faculties regarding necessary prerequisites and availability.
 - iii. Students will be required to complete a research project, the scope of which will normally require no more than one semester of full-time effort. The Project Report shall be evaluated according to procedures outlined in General Regulation J.

4. Master of Science (Environmental Science)
 - a) The Master of Science (Environmental Science) is a research degree which includes a thesis and course work. The thesis research will focus on environmental topics relevant to the student's background, and will be supervised by appropriate faculty in the Faculties of Science and/or Engineering and Applied Science. The course component has two aims: to broaden the students' understanding of environmental issues; and to provide further training in areas of research specialization for the thesis.
 - b) A Board of Studies for Environmental Sciences, appointed by the Dean, will recommend students for admission and administer their programmes. Each student will have a Supervisory Committee normally consisting of a Supervisor and two others. The Supervisory Committee will be appointed by the Dean on the recommendation of the Board of Studies for Environmental Science.
 - c) The programme of each student will consist of a minimum of five programme courses which will include Env.Sci./Eng. 6000 and Env.Sci. 6010. Of the three remaining programme courses one will be from Env.Sci./Eng. 6001-6006, the others will normally be chosen from graduate courses offered by the Faculties of Science and Engineering and Applied Science.
 - d) All students will be required to submit a thesis embodying the results of systematic research on an approved topic. The thesis will be evaluated according to procedures outlined in General Regulation J.

COURSES

Env.Sci./Eng.	6000 ENVIRONMENTAL SCIENCE AND TECHNOLOGY
Env.Sci./Eng.	6001 EARTH & OCEAN SYSTEMS
Env.Sci./Eng.	6002 ENVIRONMENTAL CHEMISTRY & TOXICOLOGY
Env.Sci./Eng.	6003 APPLIED ECOLOGY
Env.Sci./Eng.	6004 ENVIRONMENTAL POLLUTION & MITIGATION (Cross listed as Eng. 9601)
Env.Sci./Eng.	6005 ENVIRONMENTAL SAMPLING & POLLUTANT ANALYSIS (Cross listed as Eng. 9603)
Env.Sci./Eng.	6006 ENVIRONMENTAL LAW & MANAGEMENT (Cross listed as Eng.9602)
Env.Sci.	6010 ENVIRONMENTAL SEMINAR
Eng.	9604 ENVIRONMENTAL PROJECT REPORTS
Eng.	9605 ADVANCED WASTE WATER TREATMENT
Eng.	9606 SOLID WASTE MANAGEMENT
Eng.	9607 LANDFILL DESIGN AND SITE REMEDIATION

Eng. 9608 SOIL CONTAMINANT INTERACTION
Eng. 9609 ENVIRONMENTAL RISK ASSESSMENT

Eng. 9610-9615 SPECIAL TOPICS IN ENVIRONMENTAL
ENGINEERING AND APPLIED SCIENCE

70.16 Report of the Senate Committee on Research - Draft
Policy Statement on Integrity in Scholarly Research

It was moved by Dr. G. Sabin, seconded by Mr. Ellis and
carried to endorse the Draft Policy Statement on
Integrity in Scholarly Research.

70.17 Report of the Senate Committee on Committees

It was agreed to approve a recommendation from the Senate
Committee on Committees that Professor Sheena Findlay of
Social Work be named as a professional school member to
the Committee on Undergraduate Scholarships and Financial
Aid. It was also agreed that Stephen Cloutier be
reappointed to Senate Executive as the GSU nominee.

The following students have been appointed to sit on
committees as follows:

Advisory Committee on the University Budget	Paul Thornhill
Advisory Committee on the University Timetable	Steve Ennis
Committee on Educational Technology	Steve Ennis
Committee on Undergraduate Scholarships and Financial Aid	Kevin Peters
Committee on Undergraduate Studies	Stephen Dinn
Committee on Academic Planning	Steve Ennis

It was agreed that Darren Balsom, CSU, Sir Wilfred
Grenfell College, continue his position on Senate until
September.

70.18 Report of the Committee on Senate Elections

A memorandum dated April 27, 1995, has been received from
the Committee on Senate Elections advising that Dr. John
Bear, Medicine, Dr. Gale Burford, Social Work; and Dr. A.
Aboulazm, Marine Institute have been declared elected to
fill the three vacancies on the Committee on Committees
reserved for senators for a term of office commencing
September 1, 1995, and expiring August 31, 1996.

The membership list as of September 1, 1995 is as
follows:

MEMBER UNTIL
AUGUST 31

Penelope Allderdice (Medicine)	1998 (Senator)
Christopher Dennis (Library)	1998
Suad Ghazala (Science)	1998
Gregory Kealey (Humanities/Music)	1998 (Senator)
Edward Moore (Engineering)	1998
Mohamdtaki Kara (Nursing/Pharmacy)	1997
Thomas Nemec (Social Sciences/ Social Work)	1997
Raj Gupta (Business)	1996
Les Karagianis (Education/ Physical Education)	1996
Sandra Tomsons (SWGK)	1996
John Bear (Senator)	1996
Gale Burford (Senator)	1996
Aboulazm, Azmi (Senator)	1996
Undergraduate Student	
Graduate Student	

The Committee shall elect its chair each year from among the faculty on the committee who are members of Senate (whether elected by Senate or from a faculty constituency).

70.19 Report of the Senate ad hoc Committee to Review the Measure of Credit

A memorandum dated April 27, 1995 was received from Dr. Grant Gardner, Chair, Senate ad hoc Committee to Review the Measure of Credit.

It was moved by Dr. G. Gardner, seconded by Mr. G. Collins, and carried to approve in principle the recommendation of the Committee that the measure of credit used by Memorial University be changed so that a standard course is valued at three credits.

70.20 Memorandum from the Board of Regents re: Amendments to the Constitution of the Academic Council of the School of Music

A memorandum dated April 17, 1995 from the Board of Regents re: Amendments to the Constitution of the Academic Council of the School of Music, was received for information.

70.21 Student Appeal, MUN NO. 8317505

The Executive Committee of Senate reported that it had recommended to the School of Social Work that, given the potential ambiguity in the regulations, this student's application for admission to the School of Social Work, be considered in the pool of applicants for the Bachelor of Social Work as a First Degree Programme for the 1995 Fall Semester.

71. Diploma in Social Work

This item was withdrawn by Dr. W. Rowe, Director of the
School of Social Work.

OTHER BUSINESS

72. Deputy Public Orator

It was agreed to approve a recommendation from the
Committee on Honorary Degrees and Ceremonial that Dr.
Annette Staveley be appointed as Deputy Public Orator for
a period of three years commencing in May 1995.

73. ADJOURNMENT

The meeting adjourned at 8:45 p.m.