

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

SENATE

The regular meeting of Senate was held on Tuesday, September 12, 1995, at 8:00 p.m. in Room E5004.

1. PRESENT

The President, Dr. J. Tuinman, Dr. K. Keough, Dr. K. Bindon, Dean W. Blake, Mr. G. Collins, Mr. R. Ellis, Acting Dean V. Skanes, Professor M. Lamb, Dean W. Ludlow, Dr. H. Miller (for Mr. L. O'Reilly), Dean T. Piper, Dr. W. Redden, Dr. W. Rowe, Dr. E. Moore (for Dean R. Seshadri), Acting Dean C. Sharpe, Ms. D. Whalen (for Dean G. Skanes), Dr. M. Volk, Dr. A. Aboulazm, Dr. P. Allderdice, Dr. G. Bassler, Dr. J. Bear, Professor L. Bennett, Dr. J. Brown, Mr. E. Brown, Dr. G. Burford, Dr. J. Evans, Dr. G. Gardner, Dr. G. Gunther, Dr. M. Haddara, Dr. R. Haines, Dr. C. Harley, Professor K. Hestekin, Dr. O. Janzen, Dr. G. Kealey, Dr. J. Kennedy, Dr. A. Kozma, Dr. W. Locke, Dr. R. Lucas, Dr. V. Maxwell, Capt. W. Norman, Dr. T. Patel, Dr. R. Payne, Dr. N. Rich, Dr. R. Rompkey, Dr. G. Sabin, Dr. S. Saha, Dr. D. Treslan, Dr. D. Tulett, Dr. C. Turner, Professor Y. Walton, Dr. M. Wernerheim, Dr. H. Williams, Mr. S. Ennis Mr. P. Thornhill, Mr. S. Musseau.

Dr. L. Bella was also in attendance for the discussion regarding the Diploma in Social Work.

The President welcomed newly elected and re-elected Senators Dr. S. Saha, Dr. D. Tulett, Dr. G. Kealey, Dr. V. Maxwell, Ms. D. Walsh, Dr. J. Brown, Dr. G. Clark, Dr. A. Aboulazm, Mr. E. Brown, Mr. S. Goddard, Captain W. Norman, Dr. J. Bear, Ms. L. Bennett, Dr. R. Haines, Dr. G. Burford, Dr. J. Evans, Mr. M. Carley, Mr. S. Ennis, Mr. S. Musseau and Mr. P. Thornhill.

The President advised Senate that because Mr. G. Collins had indicated that his previous involvement with student #7663263 could place him in a perceived conflict of interest position, Mrs. M. O'Dea, Deputy Registrar, would present this student case.

2. APOLOGIES FOR ABSENCE

The Chancellor, Dean T. Murphy, Dr. G. Clark, Dr. W. Davidson, Dr. J. Gale.

3. MINUTES

The Minutes of the regular meeting of Senate held on May 9, 1995 and the special meeting held on June 19, 1995 were taken as read and confirmed.

4. REPORT OF THE HONORARY DEGREES COMMITTEE

The name of a candidate recommended by the Committee on Honorary Degrees and Ceremonial was presented to the Senate for awarding of a doctoral degree honoris causa. Acting Dean Sharpe made a brief statement about the candidate and members were given the opportunity to discuss the merits of the candidate before voting. Upon voting by a show of hands, the candidate was approved by at least a two-thirds majority vote.

5. REPORT OF THE EXECUTIVE COMMITTEE OF SENATE

Student Appeals to Senate

5.1 MUN NO. 7663263

At a meeting held on July 11, 1995 the Executive Committee of Senate considered for transmission to Senate a request submitted on behalf of the above-noted student that the barrier on his readmission to the University under Clause 9 of Section X., REGULATIONS FOR READMISSION (1994-95 Calendar) be lifted and that he be readmitted to the Faculty of Education.

Given the volume of material related to this case, the Executive Committee asked Mrs. O'Dea to prepare a summary of the case for the information of Senate. It was also agreed in light of the fact that student #7663263 has been convicted of certain offences, which are included in the documentation, and are a matter of public record, that the names of the individuals involved in the matter need not be removed from the documents for Senate. At the request of the Executive Committee Mrs. O'Dea confirmed this position with the University's Legal Counsel, and the University and CSU employees whose names appear in the documents were notified.

At a meeting held on August 31, 1995 the Executive Committee of Senate agreed to forward the attached appeal on behalf of MUN Student #7663263, together with the summary of events prepared by Mrs. O'Dea, to Senate with a recommendation that the appeal be denied.

Following consideration moved by Dr. Sabin, seconded by Dean Piper and carried that the appeal of MUN Student NO.7663263 be DENIED.

5.2 MUN NO. 9163387

Following the normal appeals process, this student's appeal for readmission for Fall Semester, 1995 or Winter Semester, 1996 was denied by the Executive Committee of Senate at a meeting held on July 11, 1995. The student subsequently requested that his appeal be heard by Senate.

Following consideration, it was moved by Dr. Williams, seconded by Mr. Ennis and carried, that this student's appeal be DENIED.

#### 5.3 MUN NO. 9437666

Following the normal appeals process, this student's appeal for readmission for Fall Semester, 1995 was denied by the Executive Committee of Senate at a meeting held on July 11, 1995. The student subsequently requested that his appeal be heard by Senate.

Following consideration, it was moved by Mr. Ennis, seconded by Dr. Moore and carried that this student's appeal be DENIED.

Report of the Senate Committee on Undergraduate Studies

#### 5.4 School of Social Work

New Programme:

"REGULATIONS FOR THE DIPLOMA IN SOCIAL WORK

A programme leading to the Diploma in Social Work will be offered by the School of Social Work to groups of students identified as having particular needs, and will be delivered as funding is available and in consultation with an advisory committee including representatives of the group identified as having particular needs. In the first instance this Diploma was developed to meet the needs of members of the Labrador Inuit Association.

When the Diploma in Social Work is to be offered to a group of students identified as having particular needs, an advisory committee will be created including leaders from the community or group from which the students are drawn, representatives of the School of Social Work and representatives of students in the program. This committee will advise on specific program design, student admission, instructor selection and orientation, and program planning and evaluation.

1. To be eligible for admission to the Diploma in Social Work programme, students must be admissible to the university. Applicants must submit a School of Social Work application to the Office of the Registrar; and must be recommended for admission by an admissions committee of the School of Social Work.

2. Students who have not been registered for courses at Memorial for either of the two semesters immediately preceding their application for admission to the Diploma programme must complete a general application for admission/readmission to the university and submit it to the office of the registrar prior to the deadline date as

outlined in the university diary.

3. Students in the Diploma in Social Work are expected in the course of their studies to be either in employment in a human service role, or to engage in 500 hours of volunteer work in the human services and/or in community leadership. Volunteer work must be in accordance with criteria approved by the specific diploma program advisory committee.

4. Section C, Academic Standards and Promotion will apply to students in the Diploma in Social Work.

5. Students who have been awarded the Diploma in Social Work, and who complete the remaining arts and science courses required for admission to the School of Social Work while maintaining an average of at least 65%, can apply for admission to and will be considered for admission under the last sentence of clause five of the admission/readmission policy of the School of Social Work.

6. The following courses are required for the Diploma in Social Work:

two credits in English;  
two credits in Psychology; and  
one credit in Sociology;  
one credit in Anthropology;  
Women's Studies 2000;  
two credit courses in Linguistics, either for  
Inuktitut speakers or non-speakers (Linguistics  
2020/2021 or 2025/2026);  
Social Work 2700 Introduction to Social Work;  
Social Work 2510 Introduction to Social Welfare;  
Social Work 3230 Cultural Camp;  
Social Work 3211 Human Behaviour and Social  
Environment: Individuals and Families  
Social Work 3220 Human Behaviour and Social  
Environment: Groups and Society  
Social Work 3511 Social Administration: Aboriginal  
People and Social Policy  
Social Work 3320 Interpersonal Communication  
Social Work 3321 Social Work Assessment  
Social Work 3520 Formal Communication  
Social Work 3530 Aboriginal Social Development:  
Community and Programme Development for Aboriginal  
Communities  
Schedule A Elective

The social work courses making up the Diploma in Social work will be offered in special sessions in the coastal communities of Labrador and in Goose Bay, rather than in regular university session. "

New Courses:

"SW 3230: Cultural Camp. Provides the opportunity for social work students newly admitted to the Diploma in Social Work to appreciate and affirm their own individual and collective identity as aboriginal people with a close connection to the land; to learn about and appreciate ways of helping and healing traditional to their own culture; and to begin their own journey in social work education towards a goal of becoming social workers who can effectively serve their own people by combining skills and knowledge traditional to their own people with skills and knowledge appropriately adapted from traditional BSW education. The course includes a one week field trip to an isolated camp in coastal Labrador, where students and instructors will live according to traditional cultural practices under the guidance of community elders.

SW3511: Aboriginal People and Social Policy. The course is designed to provide students with the conceptual tools and knowledge for understanding; the nature of aboriginal historical/structural challenges; the role and operation of aboriginal social policy in Newfoundland and Labrador; and methods of social policy intervention. This course includes a survey of the political, social and economic issues affecting Aboriginal People in Canada, with special reference to the contemporary social policy aspirations of the Inuit people of Newfoundland and Labrador.

SW3530: Aboriginal Social Development. Integrates community and program development to create a model of aboriginal social development. This course will be offered in aboriginal communities and will develop skills in traditional forms of self-help, strengths assessment, program design, proposal development, resource development and evaluation. Labrador and Newfoundland case studies, exemplifying northern and remote uniqueness as well as aboriginal community issues, will be the foundation of the teaching tools for this course."

## 5.5 School of Music

Page 165, 1994-95 Calendar, following the heading Admission Requirements and Academic Standards, subheading (b) Piano Proficiency Test: add the following new clause 12:

"12. Supplemental examinations are not normally available for music courses. However, in exceptional circumstances the Committee on Undergraduate Studies may give permission for a supplemental examination to be administered."

## 5.6 School of Physical Education and Athletics

Page 251, 1994-95 Calendar, following the heading Regulations for the Degree of Bachelor of Physical

Education, subheading Evaluation and Promotion, add the following new clause 6.c) and re-letter the current 6.c) as 6.d):

"6.c) Probationary (A) promotion--failure to successfully complete the required components of the activities course in a given semester, upon the recommendation of the course instructor/coordinator and/or the Undergraduate Studies Committee."

Add new clause 11 as follows and re-number the current clause 11 as 12:

"11. A student with a probationary (A) promotion in any semester will be permitted to enter subsequent semesters but will not receive a grade for that activities course until the outstanding items have been successfully completed. Academic Council will grant this status, taking into account the specific factors involved in each case. This status is not automatic, as failure to successfully complete all requirements of an activities course would normally result in a failing grade."

Add the following paragraph at the end of the current clause 12 (previous clause 11):

"In the case of probationary (A) status, the student shall successfully complete the missing course components before graduation."

#### 5.7 School of Nursing

Amend the prerequisite for Nursing N5210 Health Care Systems, to read as follows:

"Prerequisite: N3370"

Amend the prerequisite for Nursing N5220 Professional Issues, to read as follows:

"Prerequisites: Three courses from the N5310-15 series."

Page 279, under the heading SCHOOL OF NURSING:

Wherever "One course from the Philosophy 2800-2810 series" appears, add "or Religious Studies 2610"

New Courses:

"N2990. Spiritual Dimension of Nursing Practice. This course will focus on the spiritual dimension of nursing practice. Students will explore their own personal spiritual philosophy and development. Key concepts of the spiritual dimension of nursing will be examined, such as spiritual well being, spiritual needs, spiritual distress and spiritual care. Distinction will be made between religion and expressions of spirituality.

Prerequisite(s): N2010, N2040 for generic students, none for post-RNs.

N4740. Maternity Nursing I. This maternity nursing course for post-RN students will build on the student's previous knowledge and clinical experience in maternity nursing. Within a framework of women's health and family functioning, major bio-psycho-social concepts related to the mother and fetus who develop risk conditions in the antepartum or intrapartum periods will be examined. Topics will include risk conditions in the preconception period. Recent research findings will be stressed.

Prerequisite(s): N2040, N2230, N3021, N3022, N3200, and N4002.

Corequisite(s): N4701, N4702.

N4741. Maternity Nursing II . This maternity course for post-RN students will build on the student's previous knowledge and experience in maternity nursing. The course focuses on the care of the mother and baby during the immediate postpartum period. Major bio-psycho-social theories related to the postpartum period and to individual and family adaptation will be explored. Major concepts relating to maternal-infant interaction and parenting will be examined within the context of nursing.

Corequisite(s): N4740, N4742.

N4742. Maternity Nursing III. This course will give the student clinical practice opportunities to integrate the theories learned in N4740 and N4741 with the care of mothers, fetuses/neonates and their families. Experience in the antenatal assessment and in-patient units, caseroom and postpartum units will be provided. The focus will be on advanced nursing care planning skills within a framework of women's health and family functioning.

Corequisite(s): N4740 and N4741.

This course may be taught at the end of the semester, usually beginning during the final week of the examination period. Please check with the School of Nursing."

## 5.8 Faculty of Engineering and Applied Science

Page 316, 1994-95 Calendar, following the heading Examinations and Promotions, sub-heading Work Terms, delete current clause 25 and replace with the following:

"25. The overall evaluation of the work term is the responsibility of Engineering Co-operative Education. Work term grades are submitted to the Faculty Council of Engineering and Applied Science at the end of each work term. The work term evaluation consists of two components: student work term performance as evaluated by a co-ordinator, given input from the employer, and a work report

evaluated by a co-ordinator or delegate. Each component is evaluated separately.

A work report may be written or oral. The actual format will depend on the specific requirements of the Faculty for the work term. If an employer designates a written report to be confidential, a non-disclosure agreement must be completed to legally protect the confidential material.

Evaluation of the work performance will result in one of the following classifications: EXCELLENT, ABOVE AVERAGE, COMPLETELY SATISFACTORY, NEEDS IMPROVEMENT, UNSATISFACTORY.

Evaluation of the work report will result in one of the following classifications: EXCELLENT, PASS, FAIL.

Overall evaluation of the work term will result in the assignment of one of the following final grades:

a) Pass with Distinction: Indicates EXCELLENT performance in BOTH the work report and work performance. The student is commended for his/her outstanding performance in each of the required components; 'Excellent' has been awarded to each of the work report and work performance and all established deadlines have been met.

b) Pass: Indicates the student meets the requirements of a PASS in the work report AND an ABOVE AVERAGE or SATISFACTORY work term performance, or a performance which NEEDS IMPROVEMENT.

c) Fail: Indicates FAIL in the work report or UNSATISFACTORY in the work performance.

For promotion from the work term, a student must obtain PASS WITH DISTINCTION or PASS."

## 5.9 Faculty of Business Administration

Regulations for the Honours Degree of Bachelor of Commerce

Page 341, 1994-95 Calendar, before the heading Course List, insert the following:

"REGULATIONS FOR HONOURS DEGREE OF BACHELOR OF COMMERCE

An Honours Degree of Bachelor of Commerce signifies superior academic achievement.

1. To be considered for an Honours Degree, the



candidates must so indicate on the University's official "Application for Degree" form.

2. Candidates for the Honours Degree of Bachelor of Commerce shall
  - a) comply with all regulations governing the Diploma in Business Administration and the General Degree of Bachelor of Commerce, and
  - b) maintain at least a 75% average and an average of at least 2.5 points on the 28 Business courses (including non-Business option programme courses but excluding Business 450W and Business 750W) required for the diploma and the degree, and
  - c) maintain an average of at least 2.25 points on the total number of courses required for the diploma and the degree.
3. Candidates are not permitted to repeat or substitute courses for the purpose of meeting the academic standing specified in Clause 2.
4. A declared candidate for an Honours Degree who fails to fulfil the conditions of Clause 2 but fulfils the requirements for a General Degree shall be awarded the General Degree of Bachelor of Commerce."

Page 333, following the heading Programmes in Business Administration:

Change d) to Bachelor of Commerce (Honours) and reletter the existing d) and e) to e) and f).

Page 334, following the heading Appeals Procedures, delete the first sentence and replace with the following:

"All of the following regulations for the General and Honours Degree of Bachelor of Commerce (Co-operative) and Bachelor of Commerce and for the Diploma in Business Administration are subject to appeal."

Certificate in Business Administration

A proposal for amendments to the Certificate in Business Administration was submitted by the Faculty of Business Administration and by the Council of the School of Continuing Education as follows:

"Certificate in Business Administration

To be eligible for the Certificate in Business Administration, a student must have:

- a) completed 10 courses as follows:

Business 1000, Business 1101, Business 1201,  
Business 2301 and Business 4000; either Business  
3320 or Business 4320; four business electives

which may include Computer Science 2801;

- b) at least two years of full-time work experience, or equivalent; and
- c) at least two years during which the student has not been in full-time attendance at a secondary or post-secondary institution.

Students who have completed these requirements may make application for the Certificate in Business Administration to the Division of Continuing Studies, School of Continuing Education.

Note: Students can choose their four electives from any of the course offerings of the Faculty of Business Administration (including Computer Science 2801) to suit general or specific areas of interest. In either case, students should note that prerequisites apply and should be taken into account when scheduling courses. Students who have a particular interest in any of the following five areas should consider selecting their courses as outlined.

#### Accounting

Business 2101  
Business 3101  
and two courses chosen from  
Business 5160  
Business 6100  
Business 6110  
Business 7160

#### Marketing

Business 2201  
  
and three courses chosen from  
Business 5200  
Business 6200  
Business 6210  
Business 6220  
Business 6230  
Business 7210  
Business 7230  
Business 7240  
Business 7250

#### Human Resources and Labour Relations

Business 3320 or Business 4320 (whichever one was not completed as one of the six core courses)  
Business 5301

and two courses chosen from  
Business 6301  
Business 6310  
Business 6320  
Business 7310  
Business 7320  
Business 7321  
Business 7322  
Business 7330

#### Small Business/Entrepreneurship

Business 1600  
Business 5600  
and two courses chosen from  
Business 6610  
Business 7600  
Business 7610

#### Information Systems

Computer Science 2801  
Business 3700

and two courses chosen from  
Business 5700  
Business 6700  
Business 6701  
Business 7700"

### 5.10 Department of Mathematics and Statistics

Page 203, 1994-95 Calendar, following the heading Honours in Applied Mathematics (B.Sc. Only) :

In part a): delete ST 2510 and ST 2511; add in numerical sequence PM/ST 3410 and AM 4180.

In part d): change "seven further courses" to "three further courses". Delete PM/ST 3410 and AM 4180; add PM/ST 3411 in numerical sequence.

Page 205, amend title of AM4160 to read as follows:

"Partial Differential Equations 1 (W)."

#### New Course:

"4585. Computational Statistics. An introduction to modern computational statistics, using a statistical programming language, such as S-Plus. Emphasis is placed on use of the computer for numerical and graphical exploratory data analysis, and on crafting programs to accomplish specialized statistical procedures. Prerequisites: M2000, ST 3520, ST 3521. AM/PM 2130 is recommended."

## 5.11 \*Department of Earth Sciences

### New Course:

"4950. Technical Report on Geoscience Employment. Preparation of a publication-quality technical report, about 50 pages in length, based on a study undertaken during geoscience employment. The topic and scope of the study must be approved by the Head of Department prior to its commencement. The same study cannot be used as the basis of a dissertation completed for course ES499A/B. Students will present a seminar or seminars on results of the project, and will be closely advised on proper organization and writing of scientific reports. Some directed reading will be required. This course can only be used as an "additional course" under point (g) of the regulations for General degrees, and under point (h) of the regulations for Honours degrees. Prerequisites: Completion of three Earth Sciences courses at 3000-level, and permission of the Head of Department."

Page 205, 1995-96 Calendar, following the heading Honours B.Sc. Degree in Earth Sciences (Geology), amend sections f) and h) as follows:

"f) Twelve additional Earth Sciences courses, of which at least six must be at 3000-level and at least four must be at 4000-level. Earth Sciences 2150, 2914, 2915, 4310 and 4950 cannot be used to fulfil this requirement."

"h) Additional courses from departments in the Faculties of Arts or Science so as to achieve a total of 40 courses for the honours degree. Earth Sciences 2150, 2914, 2915 and 4950 are eligible additional courses. Mathematics 1080 and 1081; and Physics 1200, 1201 and 2050 are all excluded as additional courses; these courses can only be used to satisfy point (a) of the common block of required courses. Students are encouraged to complete a minor in another department."

Page 206, following the heading Honours B.Sc. Degree in Earth Science (Geophysics), amend sections f) and h) as follows:

"f) Four additional Earth Sciences courses, of which at least two must be at 3000-level and at least one must be at 4000-level. Earth Sciences 2150, 2914, 2915, 4310 and 4950 cannot be used to fulfil this requirement."

"h) Additional courses from departments in the Faculties of Arts or Science so as to achieve a total of 40 courses for the honours degree. Earth Sciences 2150, 2914, 2915 and 4950 are eligible additional courses. Mathematics 1080 and 1081; and Physics 1200, 1201 and 2050 are all excluded as additional courses; these courses can only be used to satisfy point (a) of the common block of required courses."

Page 206, following the heading General B.Sc. Degree in Earth Sciences (Geology), amend sections e) and g) as follows:

"e) Nine additional Earth Sciences courses, of which at least five must be at 3000-level and at least three must be at 4000-level. Earth Sciences 2150, 2914, 2915, 4310, 4950 and 499A/B cannot be used to fulfill this requirement."

"g) Additional courses from departments in the Faculties of Arts or Science so as to achieve a total of 40 courses for the general degree. Earth Sciences 2150, 2914, 2915, 4950 and 499A/B are eligible additional courses. Students are encouraged to complete a minor in another department."

Page 206, following the heading General B.Sc. Degree in Earth Sciences (Geophysics, amend sections f) and g) to read as follows:

"f) Six additional Earth Sciences courses, of which at least three must be at 3000-level and at least one must be at 4000-level. Earth Sciences 2150, 2914, 2915, 4310, 4950 and 499A/B cannot be used to fulfill this requirement."

"g) Additional courses from departments in the Faculties of Arts or Science so as to achieve a total of 40 courses for the general degree. Earth Sciences 2150, 2914, 2915, 4950 and 499A/B are eligible additional courses. Students are encouraged to complete a minor in another department."

Page 209, amend the course description for Earth Sciences 499A & 499B as follows:

"499A & 499B. Dissertation. A two-credit linked course based on independent study of an approved problem in the Earth Sciences. The subject of study will be decided in consultation with Faculty Advisors and must be approved in advance by the Head of Department. The dissertation cannot be based on the same study used to obtain credit for Earth Sciences 4950. The dissertation is obligatory for Honours students, but may be taken as Science credits by General students with permission of the Head. The first semester will normally involve directed reading, supervised laboratory work, and preparation of a dissertation outline. The second semester will be devoted to data synthesis and interpretation, and to preparation of a formal written report accompanied by appropriate illustrations, to be submitted for grading no later than a formal examination period early in the university examination schedule."

In the Biology course list, add the following cross-listed course:

"4800. Advanced Palaeontology. (Same as Earth Sciences 4800). This course is taught and administered by the Department of Earth Sciences.

Prerequisites: Earth Science/Biology 3811, and one of Statistics 2510, Statistics 2550 or Mathematics 2000"

5.13 Department of History

Amend the course description of History 3580 to read as follows:

"3580. South Africa Since 1815. A history of South Africa from the British acquisition of the Cape to the present."

Report of the Academic Council of the School of Graduate Studies

5.14 School of Physical Education and Athletics

Page 403, 1994-95 Calendar, following the heading Regulations Governing the Degree of Master of Physical Education, subheading B. Programme of Study and Research, insert at the end of the current regulation B.3 the following sentence:

"Equivalent courses may be substituted from other Faculties or Schools subject to the approval of the School of Physical Education and Athletics Graduate Studies Committee."

5.15 Transcript Notations - Graduate Programme in Teaching

A memorandum dated April 13, 1995 was received from the Acting Dean of Graduate Studies requesting that an appropriate notation be included on the transcripts of students who have completed the two-semester, non-credit programme in teaching.

It was moved by Mr. Collins, seconded by Acting Dean Sharpe and carried, that this request be approved.

5.16 \*Faculty of Education

Page 387, 1994-95 calendar, following the heading Regulations Governing the Degree of Master of Education, subheading H. Programmes, insert the following:

"2. SPECIFIC PROGRAMMES (TEACHING AND LEARNING)

This graduate degree is intended to focus on the central educational concepts of teaching and learning. Theory and research in learning and motivation, instruction and curriculum will provide the organizing framework in this

program. Students will also pursue specialized study of teaching and learning in one of the following areas: computer education, English language education, mathematics education, science education, school resource services, second language education, social studies or cognition in education.

Add the following new courses to the list of courses under Regulation H (Specific Programs) of the Regulations Governing the Degree of Master of Education.

- 6640 Text Interpretation (2 units)
- 6641 Writing in the Primary, Elementary and Secondary Schools (2 units)
- 6642 Developmental Reading (K-8) (3 units)
- 6643 English Curriculum in the Secondary School (3 units)
- 6644 Drama in the Secondary School (3 units)
- 6645 Literature for Children and Adolescents (3 units)
- 6646 Literature in the Secondary School (2 units)
- 6647 Diagnosis and Remediation of Reading and Writing Difficulties (3 units)
- 6648 Drama in the Primary and Elementary Schools (2 units)"

5.17 \*Faculty of Engineering and Applied Science

Page 392, 1994-95 Calendar, following the heading Regulations Governing the Degree of Master of Engineering and Applied Science, delete current entry in its entirety and replace with the following:

"Professor and Dean

R. Seshadri

Professor and Associate Dean

J.J. Sharp

Faculty of Engineering and Applied Science (cont'd)

The degree of Master of Engineering may be obtained either through full-time or part-time studies. The M.Eng. degree can be obtained through programmes in the following disciplines: Civil Engineering; Electrical Engineering; Mechanical Engineering; and Naval Architecture and Ocean Engineering. At present, the following interdisciplinary research areas are active in the Faculty: Engineering Analysis; Environmental and Hydrotechnical Studies; Manufacturing and Robotics; Mechanics, Structures and Materials; and Ocean Engineering. The interdisciplinary area of Ocean Engineering has been and continues to be a major strength for graduate studies and research in the Faculty of Engineering and Applied Science.

#### A. QUALIFICATIONS FOR ADMISSION

To be considered for admission, an applicant shall meet the requirements set out in general regulations A.1, or shall have qualifications and/or engineering experience that is acceptable to the Dean of Graduate Studies and to the Faculty of Engineering and Applied Science.

Admission to the M.Eng. programme is limited and competitive. All applicants must meet the minimum qualifications set out in the above paragraph. Decisions on admission, however, will also take into account such things as the applicant's rank in class, referees' assessments, general performance throughout the applicant's undergraduate academic programme and the availability of supervisors in the area of the applicant's interest.

Normally applicants will be considered in January for admission to the following September. In special cases applicants may also be considered in April and August. Applications should be made sufficiently far in advance to permit the University to obtain all relevant documents and review the application.

#### B. PROGRAMME OF STUDY AND RESEARCH

1. Students enrolled in the Master of Engineering programme will work in one of the following disciplines: Civil Engineering; Electrical Engineering; Mechanical Engineering; Naval Architecture and Ocean Engineering.
2. A Programme shall normally be:
  - a. a minimum of four graduate courses plus a thesis related to the area of study. A student's programme shall normally include at least three courses chosen from the Faculty Core and Discipline Core courses listed in B.3 and B.4, respectively. One of these three courses must be a Faculty Core course, one course must be an appropriate Discipline Core course, and the third course must be chosen from all the courses listed in B.3 and B.4.
  - b. such other courses as may be required in an individual's programme.
3. The following are the Faculty Core courses:

Eng. 9411, Eng. 9420, Eng. 9501, Eng. 9821
4. The following are the Discipline Core courses:



- a. Civil Engineering: Eng. 9310, Eng. 9505, Eng. 9516, Eng. 9520, Eng. 9525, Eng. 9603, Eng. 9723, and Eng. 9750.
  - b. Electrical Engineering: Eng. 9815, Eng. 9816, Eng. 9834, Eng. 9847, Eng. 9861, and Eng. 9871.
  - c. Mechanical Engineering: Eng. 9210, Eng. 9505, Eng. 9516, Eng. 9520, Eng. 9901, Eng. 9910, and Eng. 9940.
  - d. Naval Architecture and Ocean Engineering: Eng. 9002, Eng. 9015, Eng. 9022, Eng. 9052, Eng. 9505, and Eng. 9516.
5. The thesis is to contain the results of a systematic investigation which has been conducted by the candidate under the direction of the supervisor.
  6. With the approval of the Dean of Graduate Studies and on the recommendation of the Faculty of Engineering and Applied Science, credit towards the course requirements may be considered for graduate courses previously taken by the student in accordance with the General Regulations for course credit transfers.

C. SUPERVISION

1. Each student shall be assigned to a supervisor approved by the Dean of Graduate Studies on the recommendation of the Faculty of Engineering and Applied Science.
2. The supervisor shall propose a tentative programme of study and topic of investigation which must be approved by the Dean of Graduate Studies acting on the recommendation of the Faculty of Engineering and Applied Science, before the acceptance of a student in the programme.
3. At the end of each semester, the supervisor shall report on the student's progress to the Dean of Engineering and Applied Science for onward transmission to the Dean of Graduate Studies.
4. A temporary or permanent change of supervisor for a student already in a programme shall be permitted only with the approval of the Dean of Graduate Studies and the Dean of Engineering and Applied Science.
5. The supervisor shall advise the student in the preparation and presentation of a seminar on the student's topic of investigation as described in

Section E.2 below.

D. COURSE EVALUATION

1. In order to continue in the programme, a student shall obtain an A or B grade in each course taken for credit.
2. The student's achievement in the programme must be to the satisfaction of the Dean of Graduate Studies and the Faculty of Engineering and Applied Science; when it has been determined on the basis of consultations with the student, the course instructors and the supervisor, that a student's work has fallen below satisfactory level, he/she may be required to withdraw from the programme.

E. THESIS

1. A student who expects to graduate must inform the Dean of Graduate Studies of this intention at least three months before the University Convocation at which the award of the degree is expected.
2. Before the thesis is submitted, the student shall present an open seminar on the topic of investigation to the Faculty of Engineering and Applied Science. Any serious deficiencies noticed at this stage should be carefully considered, in consultation with the supervisor, for rectification.
3. Three copies of the thesis shall be submitted to the School of Graduate Studies through the Faculty of Engineering and Applied Science, in a form and format as specified in the Graduate Thesis Guide issued by the School of Graduate Studies and the Presentation of Theses Guide issued by the Faculty of Engineering and Applied Science. A submission which does not meet the specifications will be returned to the candidate.
4. Examiners shall be appointed by the Dean of Graduate Studies on the recommendation of the Faculty of Engineering and Applied Science soon after the student has expressed an intention to submit the thesis.

F. EVALUATION OF THESES

Theses evaluation shall be carried out in accordance with clause J. (Theses and Reports) of the General Regulations governing all students in the School of Graduate Studies.

G. RECOMMENDATION FOR AWARING DEGREE

When a student has completed all the requirements for the M.Eng. degree, the Faculty of Engineering and Applied Science shall forward a recommendation to the Dean of Graduate Studies for the award of the degree.

#### COURSES

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

#### Faculty Core Courses\*:

9411	Probabilistic Methods in Engineering
9420	Engineering Analysis
9501	Finite Element Analysis with Engineering Applications
9821	Digital Signal Processing (formerly 9831)

#### Discipline Core Courses

9002	Ocean Engineering Structures
9015	Ocean Engineering Hydrodynamics
9022	Marine Geotechnical Engineering
9052	Ice Properties and Mechanics
9210	Advanced Engineering Materials
9310	Engineering Economic Analysis
9505	Structural Dynamics and Vibrations
9516	Similitude, Modelling and Experimental Data Analysis (formerly 9710)
9520	Solid and Structural Mechanics
9525	Mechanics of BrittleViscoelastic Solids
9603	Environmental Sampling and Pollutant Analysis
9723	Soil Properties and Behaviour (formerly 9720)
9750	Advanced Topics in Analysis and Design of Reinforced Concrete (formerly 9701)
9815	Electromagnetic Propagation
9816	Antenna Theory
9834	Advanced Power Electronics (formerly 9814)
9847	Computer & Control Methods in Power Systems (formerly 9811)
9861	High-Performance Computer Architecture
9871	Information Theory and Coding (formerly 9833)
9901	Fundamentals of Fluid Dynamics (formerly 9510)
9910	Advanced Manufacturing
9940	Advanced Robotics

#### Other Courses:

9090/99	Special Topics in Ocean Engineering
---------	-------------------------------------

9390/94 Special Topics in Engineering Management  
 9430 Introduction to Dynamical Systems\*\*  
 9435 Modern Perturbation Theory\*\*  
 9495/99 Special Topics in Engineering Analysis  
 9504 Experimental Mechanics  
 9540/49 Special Topics in Mechanics, Structures  
 & Materials  
 9550 Fatigue, Fracture and Corrosion  
 9560 Applied Remote Sensing  
 9607 Landfill Design and Site Remediation  
 9608 Soil Contaminant Interactions  
 9610/15 Special Topics in Environmental  
 Engineering and Applied Science  
 9712 Environmental Hydraulics  
 9713 Stochastic Hydrology  
 9717 Hydropower Engineering  
 9730 Construction Administration  
 9731 Construction Problems and Solutions  
 9742 Transportation Planning  
 9755 Advanced Topics in Precast & Prestressed  
 Concrete (formerly 9702)  
 9760/64 Special Topics in Geotechnical  
 Engineering  
 9790/99 Special Topics in Civil Engineering  
 9825 Random Signals (formerly 9830)  
 9826 Advanced Control Systems (formerly 9810)  
 9835 Advanced Electric Machines  
 9848 Power System Stability (formerly 9812)  
 9849 Power System Protection  
 9862 Artificial Neural Networks (formerly  
 9845)  
 9863 VLSI Design\*\*\* (formerly 9840)  
 9864 Computational Aspects of VLSI\*\*\*  
 9865 Advanced Digital Systems  
 9866 Fault-Tolerant Computing (formerly 9846)  
 9869 Advanced Concurrent Programming  
 9872 Digital Communications (formerly 9832)  
 9876 Advanced Data Networks  
 9880/83 Special Topics in Computer Engineering  
 9884/87 Special Topics in Signal Processing  
 9888/91 Special Topics in Communications  
 Engineering  
 9892/95 Special Topics in Power Systems and  
 Controls  
 9896/99 Special Topics in Applied Electromagnetics  
 9920 Advanced Concepts in Mechanical Design  
 9925 Theory & Design of Mechanical Components  
 & Structures  
 9985/89 Special Topics in Manufacturing &  
 Robotics  
 9990/99 Special Topics in Mechanical Engineering

\* Courses likely to be offered annually on a regular basis. Other courses will be offered if required in a student's programme and dependent upon Faculty resources.

\*\* Courses cross-listed with the Department of Mathematics and Statistics.

\*\*\* Courses cross-listed with the Department of Computer Science."

Page 425, following the heading Engineering and Applied Science, subheading Courses, delete the current course list and replace with the following:

"COURSES

A selection of the following graduate course will be offered to meet the requirements of candidates as far as the resources of the Faculty will allow.

9002	Ocean Engineering Structures
9015	Ocean Engineering Hydrodynamics
9022	Marine Geotechnical Engineering
9052	Ice Properties and Mechanics
9090/99	Special Topics in Ocean Engineering
9210	Advanced Engineering Materials
9310	Engineering Economic Analysis
9390/94	Special Topics in Engineering Management
9411	Probabilistic Methods in Engineering
9420	Engineering Analysis
9430	Introduction to Dynamical Systems**
9435	Modern Perturbation Theory**
9495/99	Special Topics in Engineering Analysis
9501	Finite Element Analysis with Engineering Applications
9504	Experimental Mechanics
9505	Structural Dynamics and Vibrations
9516	Similitude, Modelling and Experimental Data Analysis (formerly 9710)
9520	Solid and Structural Mechanics
9525	Mechanics of Brittle Viscoelastic Solids
9540/49	Special Topics in Mechanics, Structures & Materials
9550	Fatigue, Fracture and Corrosion
9560	Applied Remote Sensing
9603	Environmental Sampling and Pollutant Analysis
9607	Landfill Design and Site Remediation
9608	Soil Contaminant Interactions
9610/15	Special Topics in Environmental Engineering and Applied Science
9712	Environmental Hydraulics
9713	Stochastic Hydrology
9717	Hydropower Engineering
9723	Soil Properties and Behaviour (formerly 9720)
9730	Construction Administration
9731	Construction Problems and Solutions
9742	Transportation Planning
9750	Advanced Topics in Analysis and Design of Reinforced Concrete (formerly 9701)

9755 Advanced Topics in Precast & Prestressed  
Concrete (formerly 9702)  
 9760/64 Special Topics in Geotechnical  
Engineering  
 9790/99 Special Topics in Civil Engineering  
 9815 Electromagnetic Propagation  
 9816 Antenna Theory  
 9821 Digital Signal Processing (formerly  
9831)  
 9825 Random Signals (formerly 9830)  
 9826 Advanced Control Systems (formerly 9810)  
 9834 Advanced Power Electronics (formerly  
9814)  
 9835 Advanced Electric Machines  
 9847 Computer & Control Methods in Power  
Systems (formerly 9811)  
 9848 Power System Stability (formerly 9812)  
 9849 Power System Protection  
 9861 High-Performance Computer Architecture  
 9862 Artificial Neural Networks (formerly  
9845)  
 9863 VLSI Design \*\*\* (formerly 9840)  
 9864 Computational Aspects of VLSI\*\*\*  
 9865 Advanced Digital Systems  
 9866 Fault-Tolerant Computing (formerly 9846)  
 9869 Advanced Concurrent Programming  
 9871 Information Theory and Coding (formerly  
9833)  
 9872 Digital Communications (formerly 9832)  
 9876 Advanced Data Networks  
 9880/83 Special Topics in Computer Engineering  
 9884/87 Special Topics in Signal Processing  
 9888/91 Special Topics in Communications  
Engineering  
 9892/95 Special Topics in Power Systems and  
Control  
 9896/99 Special Topics in Applied  
Electromagnetics  
 9901 Fundamentals of Fluid Dynamics (formerly  
9510)  
 9910 Advanced Manufacturing  
 9920 Advanced Concepts in Mechanical Design  
 9925 Theory & Design of Mechanical Components  
& Structures  
 9940 Advanced Robotics  
 9985/89 Special Topics in Manufacturing &  
Robotics  
 9990/99 Special Topics in Mechanical Engineering

\*\* Courses cross-listed with the Department of  
Mathematics and Statistics.

\*\*\* Courses cross-listed with the Department of  
Computer Science."

Page 465, 1995-96 Calendar, following the heading CONVOCATION AWARDS, delete the current entry for The University Medal for Excellence in Graduate Studies, and replace with the following:

" The University Medal for Excellence in an All-Course Master's Programme:

The medal is awarded by the Dean of Graduate Studies to a student graduating at the Master's level who has demonstrated academic excellence in course work throughout his/her graduate programme. One medal may be awarded in each academic year.

The University Medal for Excellence in a Thesis Based Master's Programme

The medal is awarded by the Dean of Graduate Studies to a Master's candidate who has demonstrated excellence in the production of a thesis. One medal may be awarded in each academic year."

5.19 Report of the Committee on Undergraduate Scholarships and Financial Aid

It was agreed that the following amendments to the Regulations Governing the Awarding of University Medals for Academic Excellence and to General Regulation B. Provision for Waiver of Regulations, as recommended by the Committee on Undergraduate Scholarships and Financial Aid be approved, as follows:

"REGULATIONS GOVERNING THE AWARDING OF  
UNIVERSITY MEDALS FOR ACADEMIC EXCELLENCE

The University Medals are awarded on the basis of academic excellence. Only one medal may be awarded in any discipline, in any academic year. The academic year, for the purpose of these regulations, includes the Spring and immediately preceding Fall Convocations. The medals are awarded by the Senate Committee on Undergraduate Scholarships and Financial Aid and if, in any year, no candidate in a discipline is considered deserving, no medal will be awarded in that discipline.

The following criteria will govern the awarding of University Medals:

1. In the Faculty of Education, the Faculty of Engineering and Applied Science, the Faculty of Medicine, the School of Nursing, the School of Pharmacy, the School of Physical Education and Athletics, the School of Social Work, the School of Music, and the Faculty of Business Administration, a student must:
  - a) be a candidate for the professional degree of

the Faculty or School;

- b) not already hold a baccalaureate or its equivalent from this or another institution of higher learning. Students registered in the Faculty of Medicine or the School of Social Work (post-baccalaureate programme) are, and those registered in the Faculty of Education may be, at the discretion of the Senate Committee on Undergraduate Scholarships and Financial Aid, exempted from this regulation;
  - c) have completed, as a student at this University, at least 50% of the courses required for the degree;
  - d) be judged to be an outstanding student in the professional studies of the Faculty or School, and be nominated to the Senate Committee on Undergraduate Scholarships and Financial Aid by the Dean, Director or Department Head, as appropriate.
2. In the Faculty of Arts, the Faculty of Science and at Sir Wilfred Grenfell College, a student must:
- a) be a candidate for the degree of Bachelor of Arts (Honours or General), Bachelor of Science (Honours or General), Bachelor of Fine Arts (Theatre or Visual Arts);
  - b) not already hold a baccalaureate or its equivalent from this or another institution of higher learning;
  - c) have completed at this University at least twelve courses in the subject in which he/she majored/specialized, normally excluding any course in which aegrotat standing or "pass" was granted;
  - d) have completed at this University at least 50% of the courses required for the degree;
  - e) be judged by the Department of his/her major/specialization to be an outstanding student in his/her discipline, and be nominated to the Senate Committee on Undergraduate Scholarships and Financial Aid by the Dean, Director, Principal or Head of the Department of his/her major/specialization for the award. Given comparable performance, a student completing an Honours degree shall be given preference.

MINIMUM ACADEMIC REQUIREMENTS



1. For the Faculty of Arts, the Faculty of Science and at Sir Wilfred Grenfell College:

To be eligible for a University Medal, a student must have obtained an "A" average with no mark below "B" in his/her twelve best courses in the subject of his/her major/specialization and be graduating with a first class degree.

2. For the Professional Medals:

In those professional studies where grades are awarded on a course basis, the academic requirements for the medals in the Arts and Science disciplines shall apply. In other cases, the requirement shall be an "A" standing in the professional courses and a first class degree. In the case of professional studies where lesser grades are not awarded, or degrees are not classified, medals shall be awarded on the recommendation of the Dean, Director or Department Head."

Page 53, following the heading B. Provision for Waiver of Regulations, add new clause 5. as follows:

"5. Regulations concerning the administration of Scholarships/Bursaries/Awards/Medals/ and Prizes may be waived by the Senate Committee on Undergraduate Scholarships and Financial Aid on the recommendation/request of the Dean/Director/Principal/Head of the appropriate Academic Unit."

#### 5.20 Report of the Senate Committee on Committees

On behalf of the Committee on Committees, Dr. Kealey moved that the following appointments recommended by the Committee be approved. The motion was seconded by Dr. Burford and carried.

Committee on the University Budget	Member until May
Peirera-Mendoza, Lionel (Education)	1996
Committee on Copyright	Member until September
Tillotson, Joy (Library)	1997

The following appointments as recommended by the Committee on Committees were approved by the Executive Committee of Senate at a meeting held July 11, 1995:

Advisory Committee on the University	Member until
--------------------------------------	--------------

Budget

May

McCorquodale, Susan (Political Science) 1996  
Brown, Ed (Marine Institute) 1997

Graduate student representatives have been appointed to Senate Committees as follows:

Lewis Samuels	Executive Committee of Senate
Denise Reynolds	Committee on Academic Planning
Todd Andrews	Advisory Committee on the University Budget
Pauline Cox	Advisory Committee on the University Library
Jake Larkin	Advisory Committee on the University Timetable
Cynthia Sangerman	Committee on Copyright
Stephen Cloutier	Committee on Committees
Kent Smedbol	Committee on Educational Technology
Denise Reynolds	Committee on Enrollment
Lewis Samuels	Committee on Honorary Degrees and Ceremonial
Lewis Samuels	Committee on Research
Denise Reynolds	Committee on Undergraduate Scholarships and Financial Aid
Denise Reynolds	Committee on Senate Elections

5.21 Sir Wilfred Grenfell College Student Representative

A memorandum dated September 7, 1995 was received from the Council of Students' Union at Sir Wilfred Grenfell College advising that Shawn Musseau will be representing Sir Wilfred Grenfell College pending the appointment of the two permanent representatives.

ITEMS FOR INFORMATION

5.22 Constitution of the Academic Council - School of Graduate Studies

A memorandum dated June 16, 1995 has been received from the Board of Regents advising that approval was given to the amendments to the Constitution of the Academic Council of the School of Graduate Studies at a meeting held on Thursday, June 8, 1995.

5.23 Letter from the Association of Registered Nurses of Newfoundland

A letter dated May 24, 1995 was received from the Association of Registered Nurses of Newfoundland expressing appreciation to the Senate for approving the proposed Collaborative Nursing Curriculum and for granting permission for the Directors of the province's Diploma Schools of Nursing to attend the Senate meeting

as observers.

#### 5.24 Student Appeals

The Secretary of the Executive Committee reported that five student appeals (MUN NO.s 9163387, 9275835, 9163387, 8715518, 9032616) were denied. One undergraduate student appeal (MUN NO. 9420878) was upheld.

One appeal (MUN NO. 8266868) which the student had requested be forwarded to Senate was referred back to the Subcommittee on Readmissions for consideration in light of new information received.

The Executive Committee also considered a student appeal (MUN. NO. 8317505) against a decision of the School of Social Work not to consider his application to the Bachelor of Social Work as a First Degree Programme. It was the decision of the Executive Committee to recommend to the School of Social Work that, in light of a potential ambiguity in the regulations for admission to the programme, this student's application be considered in the pool of applicants for the programme for 1995 Fall Semester. The School of Social Work subsequently counterappealed this decision. Following consideration of the specific arguments and questions contained in the counterappeal, the Executive Committee decided, in light of the fact that Senate would not meet again until September, by which time the selection of applicants to the School of Social Work would be completed, not to forward the counterappeal to Senate, but to request that the School reconsider its previous recommendation based on the potential ambiguity in the regulations as identified by the student in his appeal. The School of Social Work then advised that the student's appeal for admission to the School was reconsidered by the Undergraduate Studies Committee and it was again the decision of the Committee that the appeal be denied.

#### 5.25 ADJOURNMENT

The meeting adjourned at 9:10 p.m

### MEMORIAL UNIVERSITY OF NEWFOUNDLAND

#### SENATE

A special meeting of Senate was held on Tuesday, September 12, 1995, at 9:00 p.m. in Room E5004.

#### 6. PRESENT

The President, Dr. J. Tuinman, Dr. K. Keough, Dr. K. Bindon, Dean W. Blake, Mr. G. Collins, Mr. R. Ellis, Acting Dean V. Skanes, Professor M. Lamb, Dean W. Ludlow, Dr. H. Miller (for Mr. L. O'Reilly), Dean T. Piper, Dr. W. Redden, Dr. W. Rowe, Dr. E. Moore (for Dean R. Seshadri), Acting Dean C. Sharpe, Ms. D. Whalen (for Dean G. Skanes), Dr. M. Volk, Dr. A. Aboulazm, Dr. P. Allderdice, Dr. G. Bassler, Dr. J. Bear, Professor L. Bennett, Dr. J. Brown, Mr. E. Brown, Dr. G. Burford, Dr. J. Evans, Dr. G. Gardner, Dr. G. Gunther, Dr. M. Haddara, Dr. R. Haines, Dr. C. Harley, Dr. O. Janzen, Dr. G. Kealey, Dr. J. Kennedy, Dr. A. Kozma, Dr. W. Locke, Dr. R. Lucas, Dr. V. Maxwell, Dr. R. Moore-Orr, Capt. W. Norman, Dr. T. Patel, Dr. R. Payne, Dr. R. Pickavance, Dr. N. Rich, Dr. R. Rompkey, Dr. G. Sabin, Dr. S. Saha, Dr. D. Treslan, Dr. D. Tulett, Dr. C. Turner, Professor Y. Walton, Dr. M. Wernerheim, Dr. H. Williams, Ms. S. Ennis Mr. P. Thornhill, Mr. S. Musseau.

Mrs. M. O'Dea, Deputy Registrar and Mr. K. Clarke, Director of Institutional Analysis were also in attendance.

#### 7. APOLOGIES FOR ABSENCE

The Chancellor, Dean T. Murphy, Dr. G. Clark, Dr. W. Davidson, Dr. J. Gale.

#### 8. Presentation by the President on Five Year Enrollment Projections and Budget Forecasts

The President began his presentation entitled "Old Rules, New Realities" by illustrating the changes that have occurred in postsecondary education in recent years. For example, he pointed out that where we used to have a monopoly, we now have seven first-year programmes in community colleges, and an increasing number of private postsecondary schools.

Where there used to be an emphasis on expansion of programmes, personnel and facilities, as well as sustained enrollment growth, the new realities involve competition, an emphasis on quality and accountability, and declining enrollments. The President stressed that it is important for members of the Memorial University community to remember that this university is not alone in dealing with these critical issues. He detailed examples such as Nova Scotia's planned down-sizing and rationalizing of its postsecondary system, Alberta's proposal to raise tuition fees to cover 30 per cent of costs, and the dramatic reduction in government appropriations at the University of Massachusetts at Boston.

The President noted that the manner in which Canadian

universities get their money is another changing factor - health, welfare and education funding will come from the federal government to the provinces as a single lump sum payment to be allocated by the provincial governments. The President explained that bundling health and social funding has serious ramifications for universities in that postsecondary education is not likely to fare well politically in the mix of welfare and health.

The President then gave a brief summary of university budgeting during the first half of the 1990's, followed by a series of budget projections for Memorial into the year 2000. He discussed projected revenues, expenditures, the consequent budget gap or differences between the university's revenue and expenditure, and some of the measures that are available to reduce expenditure and increase revenues.

The presentation's budget projections consisted of a number of scenarios in which university revenue and expenditures were shown relative to each other, based on various assumptions. The scenarios illustrated that given the likely constraints on university revenue, it will be necessary to make significant changes in university operations in order to balance the budget in future years.

The President then advised Senate that he will be establishing a "University Budget Consultative Committee" consisting of approximately twelve members drawn from the various groups on campus, i.e. MUNFA, CUPE, NAPE, non-bargaining units, Administration, etc. The Committee will be asked to examine the problems facing Memorial, to consider student demand for courses and the possibility of using technology to reduce teaching and administration costs and to give advice on how to reduce expenditure and to raise revenues.

A short question period then ensued.

## 8. ADJOURNMENT

The meeting adjourned at 10:10 p.m.