

# MEMORIAL UNIVERSITY OF NEWFOUNDLAND

## SENATE

The regular meeting of Senate was held on Tuesday, January 12, 1993, at 8:00 p.m. in Room E5004. The Chairman welcomed senators to the first meeting of the new year and introduced Dr. Roger Gordon and Dr. Gregory Kealey, two senators recently elected to fill vacancies in the constituencies of Science and Humanities respectively. The Chairman also welcomed Professor Marianne Lamb, who was appointed Director of Nursing effective January 1, 1993, and Dr. Edward Moore who attended Senate in the capacity of Acting Dean of Engineering and Applied Science.

### 33. PRESENT

The President, Dr. J. Tuinman, Dr. K. Keough, Dr. K. Bindon, Mr. G. Collins, Dean R. Crocker, Mr. R. Ellis, Professor M. Lamb, Dean W. Ludlow, Dr. C. Sharpe (for Dean J. Malpas), Acting Dean E. Moore, Dean R. Roskin, Dr. W. Rowe, Dean G. Skanes, Dean M. Staveley, Professor K. Taylor, Dean L. Visentin, Professor M. Volk, Dr. P. Allderdice, Dr. J. Buffinga, Dr. G. Casey, Dr. L. Crim, Dr. W. Davidson, Professor J. Foltz, Dr. G. Gardner, Dr. R. Gordon, Professor M. Graesser, Dr. M. Haddara, Dr. T. Hannah, Dr. B. Hartman, Dr. O. Janzen, Dr. G. Kealey, Dr. W. Kennedy, Dr. H. Kiefte, Professor K. Knowles, Dr. C. Loomis, Professor E. McKim, Dr. W. McKim, Dr. R. Moore-Orr, Dr. T. Murphy, Dr. P. Nosko, Dr. F. O'Connor, Dr. P. Patey, Dr. L. Pereira-Mendoza, Dr. P. Renouf, Dr. R. Rompkey, Dr. C. Sanger, Dr. P. Scott, Dr. P. Sinclair, Dr. M. Wilkshire, Dr. P. Wilson, Dr. M. Withey, Ms. D. Barrett, Mr. C. Hamm, Mr. P. Flynn, Ms. E. Long, Mr. S. Mandeville.

### 34. APOLOGIES FOR ABSENCE

Mr. C. McCormick, Dr. C. Jablonski, Dr. D. Kimberley, Dr. A. Martin.

### 35. MINUTES

The minutes of the regular meeting held on December 8, 1992, were taken as read and confirmed.

Business arising from the minutes

The Vice-President (Academic) read the contents of an Order issued out of the Supreme Court of Newfoundland, Trial Division, concerning Senate's decision that student MUN NO. 8000960 be required to withdraw from the Faculty of Medicine in accordance with

Regulation 10, Evaluation and Promotion, of the Regulations for the Degrees of Bachelor of Medical Science and Doctor of Medicine. The Order reads as follows:

"IT IS THIS DAY ORDERED that the Decision of Senate, Memorial University of Newfoundland, made the 8th day of December, 1992, wherein Senate set aside a Decision of the Senate Committee on Undergraduate Studies and upheld a Decision of the Executive Committee of Faculty Council - Medicine denying the Plaintiff's appeal from a Decision of the Dean of Medicine requiring the Plaintiff to withdraw from the Faculty of Medicine, be and the same is hereby quashed.

IT IS FURTHER ORDERED that an Injunction be and the same is hereby granted, enjoining the Defendant, Memorial University of Newfoundland and compelling the Defendant to admit the Plaintiff, David Healey, to the 3rd year, Faculty of Medicine, Memorial University of Newfoundland, subject to a favourable assessment by the Student Promotions Committee, Faculty of Medicine.

IT IS FURTHER ORDERED that the Student Promotions Committee, Faculty of Medicine, forthwith consider and determine the Plaintiff's suitability for promotion to 3rd year, Faculty of Medicine and in the course of giving such consideration and making such determination, the Student Promotions Committee is to disregard any and all matters which were the subject of complaints made by Dr. P. Duke and Dr. C. Bethune, to the Dean of Medicine, respecting the Plaintiff.

IT IS FURTHER ORDERED that the Plaintiff, David Healey, shall have his costs on this Application as against the Defendant, Memorial University of Newfoundland, on a party and party basis, to be taxed.

DATED at St. John's this 31st day of December, A.D.. 1992."

The Vice-President (Academic) reported that the student has been promoted, under protest in response to the court order, to third year medical studies and is now registered in the third year of medical studies.

36. \*REPORT OF THE EXECUTIVE COMMITTEE

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

### 36.1 Student Appeal - MUN NO. 8958886

Following the normal appeals process, this student's appeal for readmission to the Winter Semester 1993 was denied by the Executive Committee of Senate. The student subsequently requested that his appeal be heard by the Senate.

It was moved by Dr. Wilson, seconded by Dr. Gardner and carried that the student's appeal be DENIED.

#### \*REPORT OF THE SENATE COMMITTEE ON UNDER-GRADUATE STUDIES

It was agreed that the following undergraduate calendar changes be approved or received for information as appropriate:

### 36.2 \*Newfoundland Studies

Page 122, 1992-93 Calendar, under the heading Regulations, replace paragraph 1 with:

"1. To qualify for a Minor in Newfoundland Studies, a student shall complete a total of EIGHT courses including:"

Page 122, under the heading Regulations, clause 1.a):

- under Folklore add "3850 (same as Anthropology 3850) and 3860 (same as Anthropology 3860 and History 3860)".

- add "Anthropology 3850 (same as Folklore 3850), 3860 (same as Folklore 3860 and History 3860)".

- under History, add "3860 (same as Anthropology 3860 and Folklore 3860)".

Page 122, under the heading Regulations, clause 1.b):

- delete first paragraph and replace with: "b) Three additional courses chosen from the above list and/or from the following, including at least ONE 4000-level course:".

- under Folklore add "4310".

### 36.3 \*Department of Philosophy

New course

3851. Kant's Ethics. An introduction to the work of one of the most influential thinkers of the modern era, concentrating on his ethics, particularly as stated in the Foundations of the Metaphysics of Morals and The Critique of Practical Reason.

NOTE: Credit may not be obtained for both 3851 and 4300.

#### 36.4 \*Department of English

Page 99, 1992-93 Calendar, under the heading Honours Degree with English as Major Subject, item 2.i), delete "3154" and add "3157, 3158".

#### 36.5 \*Department of Religious Studies

Page 128, 1992-93 Calendar, under the heading General Degree, clause 2.b), amend to read:

"At least one 4000-level course chosen from the following:

4201-4230

4300-4330

4700-4730

4800-4830"

Page 131, amend course numbers as follows:

\*4201-4220 to \*4201-4230

\*4300-4320 to \*4300-4330

\*4700-4720 to \*4700-4730

\*4800-4820 to \*4800-4830"

#### 36.6 \*Department of Mathematics and Statistics

AM 2130, Introductory Numerical Techniques, (i) revise prerequisites to read: "Prerequisites: Mathematics 1001 and Computer Science 2700 (or Computer Science 2602)"; (ii) add the following note: "First priority for enrolment in this course is given to students who are Applied or Pure Mathematics majors. Other student wishing to register should direct inquiries to the head of department."

AM 3132, Numerical Analysis I, revise prerequisites to read: "Prerequisites: AM 2130 and AM/PM 3260."

AM/PM 3260, replace the course name "Introduction to Ordinary Differential Equations" with "Ordinary Differential Equations I".

AM 3161,(i) replace the course name "Differential Equations I" with

"Ordinary Differential Equations II";(ii) replace the phrase "difference equations" with "existence and uniqueness of solutions";and (iii) revise prerequisites to read: "Prerequisites: AM/PM 3202 and AM/PM 3260."

AM 3190, Introduction to Mathematical Modelling, revise prerequisites to read: "Prerequisites: AM 2130, AM/PM 3260, and ST 2510."

AM 4133, Numerical Optimization, revise prerequisites to read: "Prerequisites: AM 4131 and AM 4132."

AM 4140, Introduction to Mathematical Control Theory, revise prerequisites to read: "Prerequisites: M 2051 and AM 3161."

AM 4160, (i) replace the course name "Differential Equations II" with "Partial Differential Equations I";(ii) delete the phrase "existence and uniqueness of solutions" from the calendar description; and (iii) revise prerequisites to read: "Prerequisites: AM/PM 3202 and AM/PM 3260."

AM 4170, (i) replace the course name "Partial Differential Equations I" with "Partial Differential Equations II"; (ii) replace the phrase "harmonic functions" with "potential theory" in the calendar description; and (iii) revise prerequisite to read: "Prerequisite: AM 4160."

Delete the course AM 4171, Partial Differential Equations II.

AM/PM 4230, Differential Geometry, revise prerequisite to read: "Prerequisite: AM/PM 3202."

### 36.7 \*Regulations for the General Degree of Bachelor of Science

Page 163, 1992-93 Calendar, under the heading Degree Regulations, delete the heading Admission and entire entry and replace with the following:

"ADMISSION TO THE DEPARTMENT OF SUBJECT OF MAJOR

Admission to certain major programmes within the Faculty is limited and competitive.

Admission to all major programmes within the Faculty is upon formal application to the department of the subject of major after completion of the admission requirements.

Unless otherwise indicated by the Departmental Admission

Regulations as published in the University Calendar under departmental regulations, students upon formal application by Change of Major Form, are normally admitted to the department of major programme upon successful completion of ten courses which must include:

- (a) Two courses in English
- (b) Two courses in Mathematics
- (c) Two courses in each of two Sciences other than Mathematics

Students seeking admission to departments with Departmental Admission Regulations as indicated above must apply for admission on the appropriate Departmental Application for Admission Form upon completion of the specified admission requirements."

Page 163, under the heading Regulations for the General Degree of Bachelor of Science:

- delete present clause 1 and replace with the following:

"1. For the General Degree of Bachelor of Science a candidate will be required to have completed at least forty courses which shall include:

- (a) Two courses in English
- (b) Two courses in Mathematics
- (c) Two courses in each of two Sciences other than Mathematics"

- delete present clauses 2.b) and 2.d) and replace with:

"b) The subject of the candidate's major shall be that declared by the candidate on the appropriate admission form and approved by the department at the time of admission.

d) A candidate may change the subject of the Major during any Regular Registration Period provided he or she has first applied for and received acceptance by the department to which application is being made."

- delete the phrase "from first year" in clause 3.i.

- delete present clause 3.ii. and replace with:

"ii. there shall be not fewer than five nor more than ten subjects in which a candidate shall have completed courses. At least four of these subjects shall be chosen from the subjects listed in Clause 2 above. In the case of unspecified transfer credits awarded in a subject area not

taught at Memorial University any number of such transfer credits in the aggregate shall count as one subject area."

### 36.8 \*Department of Biochemistry

Page 164, 1992-93 Calendar, under the heading Regulations for the Honours Degree of Bachelor of Science, subheading Course Requirements, in note 1, delete the note and replace with the following:

"In the case of Biochemistry the courses for the Biochemistry programmes shall include four Chemistry courses beyond Chemistry 1001 (or equivalent) except Chemistry 2600 and 2601. For options in the Dietetics and Food Science programmes the courses shall be those specified in the respective programmes."

Page 169, under the heading Programmes, in the first paragraph delete "Honours in Dietetics" and add "Major or Honours in Dietetics".

Page 169, under the heading Biochemistry Programme, subheading General Degree in Biochemistry, Required courses, in clause d), delete entire entry and replace with the following:

"d) Chemistry 1000, 1001, 2210, 2300, 240A, 240B, 3100 and two additional Chemistry courses at the 3000 or 4000 level."

Under the heading Food Science Programme, subheading Honours Degree in Food Science, in clause a), delete entire entry and replace with the following:

"a) Biochemistry 4400\*, 498A\*, 498B\*"

Under the heading Nutrition Programme, subheading General Degree in Nutrition, Required courses, delete entire entry and replace with the following:

- "a) Biochemistry 2000, 2001, 3100, 3102, 311A, 311B, 3200, 3201, 3401, 3402, 4300, 4301, 4302, 4502.
- b) Biology 1001, 1002, 3050.
- c) Chemistry 1000, 1001, 2210, 2300, 240A, 240B.
- d) Computer Science 1700 or 2602.
- e) Economics 2010 and 2020.
- f) Two courses in first-year English.
- g) Mathematics 1080 and 1081 (or equivalents).
- h) Physics 1200 and 1201 (or equivalents).
- i) Psychology 1000 and 1001.

- j) Sociology 2000 and 3040.
- k) Statistics 2500 or 2510."

Page 169, under the heading Nutrition Programme, subheading Honours Degree in Nutrition, delete entire entry and replace with the following:

"In addition to the courses required for the general degree, the programme shall include:

- a) Biochemistry 2020, 4002, 4101, 4200, 4999 and one of Biochemistry 4100, 4201, 4210, 4211, 4220.
- b) Statistics 2501 or 2511."

Page 170, under the heading Honours Programme for Dietetics Majors, delete heading and entire entry and replace with the following:

#### "PROFESSIONAL PROGRAMME IN DIETETICS

For professional qualification as a dietitian, students can complete either the General degree in Dietetics or the Honours degree in Dietetics. In addition to the degree in Dietetics, a year of study in an approved Dietetic internship is required for professional certification in Dietetics.

#### Admission to Dietetics

All applications for entry to the programme for the Bachelor of Science in Dietetics must be submitted to the Head of the Department of Biochemistry by April 30 in any year.

Entrance to the programme in Dietetics is on the basis of competition for a fixed number of places. The Admission Committee takes into account the applicant's academic background and information on an applicant's personal qualities and achievements as given by the applicant and by referees' reports.

To be eligible for consideration, an applicant must have completed a minimum of 10 courses which have been taken or accepted for credit at a recognized University or University College before entry to the Dietetics programme.

Students applying to enter are normally required to have a credit in each of the following courses or their equivalents:



- Chemistry 1000, 1001
- English, two first year courses
- Mathematics 1080, 1081
- Physics 1200, 1201
- either Biology 1001 and 1002 or Psychology 1000 and 1001

No application will be considered from an applicant who cannot produce evidence that the above requirements have been met or will have been met by the time of entry into the Dietetics programme.

#### General Degree in Dietetics

After admission from General Studies, the programme will consist of two years of study at this University and a final year at Acadia University.

#### Required courses at Memorial:

- a) Biochemistry 2000, 2001, 2010, 2011, 3100, 3102, 311A, 311B, 3200, 3201, 3401.
- b) Biology 1001, 1002 (if not taken in first year), 3050.
- c) Business 1000, 2000.
- d) Chemistry 240A, 240B.
- e) Statistics 2510, 2511 or 2500, 2501.
- f) Two courses in social sciences if Psychology 1000 and 1001 were not taken in first year.

The above courses must be completed before the year at Acadia for both the General and the Honours Programmes.

#### Required courses at Acadia:

- a) Nutrition 4013, 4023, 4223, 4523, 4533, 4543, 4613.
- b) Three electives, selected in consultation with faculty advisers at Memorial and Acadia Universities.

#### Honours Degree in Dietetics

In addition to the courses required for the general degree, the programme shall include:

- a) Biochemistry 4999 and one of Biochemistry 4220, 4300, 4301, 4302 (if Nutrition 3513 is not taken at Acadia), 4502.
- b) Computer Science 2602.
- c) Two electives.

The courses in which the grades specified in clause 6(i) of the Regulations for the Honours degree of Bachelor of Science are required are the 13 Biochemistry courses in the programme outlined above and the seven required courses at Acadia. In the specified Nutrition courses taken at Acadia University, the students must maintain Honours standing as defined by Acadia University."

Page 171, under the heading Courses in Biochemistry, (i) delete Biochemistry 4999; (ii) in the course description for Biochemistry 499A/499B, delete "or Food Science" as it appears twice.

Pages 171-172, under the heading Courses in Food Science and Nutrition

- Biochemistry 3404, delete prerequisites and replace with:  
"Prerequisites: Mathematics 1001, Physics 1050 and 1052 (or their equivalents) and Chemistry 2300."

- Biochemistry 4501, delete title and replace with: "Current Topics in Food Science"

- Biochemistry 4502, delete current entry and replace with:

"4502. Current Topics in Nutrition. A seminar course in which faculty and students will discuss topics of current interest in the area of nutrition. Students will be responsible for reading and critically assessing recent literature.  
Prerequisites: Biochemistry 4301, 4302 and permission of the Head."

- Add the following courses:

"498A/498B. Dissertation. A two-semester linked course based on independent study of a problem in Food Science. The subject of study will be decided in consultation with Faculty advisors and must be approved in advance by the Department. This dissertation is obligatory for Honours students in Food Science. The dissertation will be submitted as a formal written report accompanied by appropriate illustrations before the end of the tenth week of the second semester. Before the end of his/her final semester the student will give an oral presentation of his/her research.  
Prerequisites: Biochemistry 3401, 3402, and 3405.

4999. Dissertation. A one-credit dissertation for Honours students in Dietetics and Nutrition. The dissertation will be based on independent study of a problem in Dietetics or Nutrition. The subject of study will be decided in consultation with Faculty advisors and must be approved

in advance by the Department. This dissertation is obligatory for Honours students in Dietetics or Nutrition. The dissertation will be submitted as a formal written report accompanied by appropriate illustrations before the end of the semester."

### 36.9 \*Department of Biology

Revised prerequisites

3202, Prerequisite: Biology 1002.

3250, Prerequisites: Two of: 2010, 2122, 2210.

3709, Prerequisites: Biology 2010, 2122, 2210, 2600; Statistics 2510.

3710, Prerequisites: Physics 1201 or 1052; Chemistry 1001; Biology 2600 as prerequisite or corequisite.

4241, Prerequisites: Biology 3050, 3250; Biochemistry 3100; Biology 4404 or Biochemistry 3102.

4306, Prerequisites: Any eight biology courses (including first year) (excluding 2040, 2041).

4505, Prerequisites: Biology 2010, 2122, 2210, 2600, 3250.  
Recommended: Biology 3900.

4820, Prerequisites: Biology 2010, 2122, 2210, 2600 and permission of the Head. Recommended: Biology 4605.

4750, Prerequisites: Biology 3295, Mathematics 1001, Computer Science 2602.

### 36.10 \*Faculty of Education

Bachelor of Education (Secondary)

It was moved by Dr. Gardner, seconded by Dean Crocker that the regulations for the Bachelor of Education (Secondary) degree programme be approved as presented. Dean Crocker introduced the programme and indicated he would be happy to answer any questions.

It was agreed to receive a memorandum dated January 12, 1993 from Professor Noel Veitch concerning the programme.

During discussion of the motion many Senators raised serious concerns

that the transition period of one year (the 1993-94 academic year) was not long enough to permit students, particularly those in their third year of a first undergraduate degree programme, to adjust their programmes of studies to meet the admission requirements.

It was moved by Dr. McKim, seconded by Dr. Wilson that the regulations be amended as follows: Under the heading Admission, amend Note to read:

"These admission requirements will be considered as guidelines for the 1993-1994 and 1994-1995 academic years. Students applying for the academic year beginning in September 1995 will be governed by these regulations." With the agreement of the mover and seconder the amendment was put to a vote and CARRIED.

The main motion was then voted on and CARRIED

It was also agreed that on page 9 of the document, the title "Bachelor of Education Conjoint with Bachelor of Music" should read: "Bachelor of Music Education Conjoint with Bachelor of Music".

The document, as amended, reads as follows:

Page 202, under the heading Table of Contents, and on page 204, under the heading Degree Programmes, (i) delete the following:

"Conjoint Bachelor of Arts/Bachelor of Education"  
"Conjoint Bachelor of Science/Bachelor of Education"  
"Conjoint Bachelor of Physical Education/Bachelor of Education"  
"Bachelor of Education as a second degree"  
"Admission - B.Ed. Conjoint with B.A., B.Sc. and B.P.E. and B.Mus."

(ii) add the following:

"Admission - Bachelor of Music Education/Conjoint with B.Mus."  
"Bachelor of Education (Secondary)"  
"Regulations for Re-Admission and Advancement, B.Ed. (Secondary)"

Page 205, under the heading Regulations for Re-admission and Advancement, add as a first line: "These regulations apply to all programmes except the Bachelor of Education (Secondary) which has separate re-admission and advancement regulations."

Page 205, bottom, left column, add:

"REGULATIONS FOR READMISSION AND ADVANCEMENT

## BACHELOR OF EDUCATION (SECONDARY)

1. To continue in the programme, students must successfully complete all courses and attain an overall average of at least 65% in courses taken in each semester.

2. Students failing to attain an average of at least 65% at the end of the first semester will be required to withdraw from the programme. Such students may reapply for admission to the programme in the next year. Their applications will be considered in competition with all others. Students, if readmitted, must repeat the first semester of their programmes.

3. Students failing to attain an average greater than 65% during their internship will:

either

(a) be required to withdraw from the programme

or

(b) with recommendation of the Office of Student Services, Faculty of Education, repeat the internship in another school setting

4. In exceptional circumstances, waiver of these requirements may be granted by the Committee of Undergraduate Studies, Faculty of Education, on advice of the Office of Student Services, Faculty of Education."

Page 208, 1992-93 Calendar, delete the section beginning with "Bachelor of Education Conjoint ..." to page 210 but not including "Regulations for the Conjoint Degree of Bachelor of Music". Add in its place the following:

**"BACHELOR OF MUSIC EDUCATION CONJOINT WITH  
BACHELOR OF MUSIC**

### **ADMISSION**

1. Applications for Admission to the above Bachelor of Education Conjoint Degree Programme is considered once a year for admission to the Fall Semester only. The deadline for submission of applications is February 1.

2. Applications for Admission to the above-noted programme refer to

the Education component of the Conjoint Degree Programme. At the time of application, students must have been formally admitted to the School of Music.

3. To be considered for admission, students must have successfully completed a minimum of twenty semester credits with either a cumulative average of at least 60 percent or an average of at least 60 percent on their last ten which they have successfully completed.

Within the twenty courses, students must have completed the following:

- a) at least two courses in English
- b) at least two courses in each of any two of: History, Mathematics, a Second Language, Laboratory, Science, or Music History.
- c) at least four courses in Music. Consideration will be given to the Winter Semester courses for which students are registered at the time of application.

4. In assessing applications, consideration will be given to the following:

- a) students' overall academic performance, in addition to the minimum academic requirements outlined in Clause 3 above;
- b) demonstrated competency in written English as prescribed by the Faculty of Education at the time of consideration for admission;
- c) two letters of reference, one of which must be from the student's university instructor in a course in the student's teachable subject as per Clause 3(c) above.

5. The Faculty reserves the right to deny admission to a candidate, who in the opinion of the Selections Committee, is deemed unsuitable for admission to a programme.

6. In special circumstances, the Selections Committee may, at its discretion, consider an applicant or group of applicants as an exception to the minimum academic requirements outlined in Clause 3.

NOTE: Students who decline an offer of admission and who wish to reapply to the Faculty of Education must submit a new Faculty Application form to the Office of the Registrar that will be considered in competition with all other students.

**BACHELOR OF EDUCATION (SECONDARY)**

### General Comment:

The Bachelor of Education (Secondary) is a second degree programme designed to prepare High School teachers. All students attend full-time and should graduate in one calendar year. The programme is designed to provide students with an early field experience, a sequenced set of courses prior to a ten week internship and a range of courses after the internship to allow students to build on strengths and remedy weaknesses which may have become apparent during the internship.

### IMPORTANT NOTICE

Students who are accepted into the Bachelor of Education (Secondary) program to begin study as of September 1993 shall be governed by the following regulations. Students who were accepted into the Conjoint Bachelor of Arts/Bachelor of Education, Conjoint Bachelor of Science/Bachelor of Education, Conjoint Bachelor of Physical Education/Bachelor of Education, or Bachelor of Education as a second degree program and who intend to complete the requirements of the degree as in effect at the time of their acceptance are required to complete their programs prior to August 31, 1996. Courses which were applicable to the above noted programs remain in the Calendar. These courses will be made available when warranted.

### ADMISSION

#### Note

These admission requirements will be considered as guidelines for the 1993-1994 and 1994-1995 academic years. Students applying for the academic year beginning in September, 1995 will be governed by these regulations.

1. Applications for admission are considered once a year and for the Fall Semester only. The deadline for submission of Faculty

applications to the Registrar's Office is February 1. Consideration will be given to the courses for which students are registered at the time of application.

2. To be considered for admission to the Bachelor of Education (Secondary) degree programme individuals must have:

(a) been awarded a Bachelors Degree from a university recognized by Memorial University;

(b) completed 12 courses in a subject listed under Academic Disciplines in Clause 3 below.

(c) completed 8 courses in a subject listed under Academic Disciplines in Clause 3 below, but different from that in (b);

(d) achieved an overall average of at least 65% in each of the sets of courses chosen to meet (b) and (c) above; and,

(e) achieved an overall average of at least 65% in the last 20 successfully completed courses.

3. Academic Disciplines are deemed to be the disciplines on the following list. Courses from other disciplines deemed by the Admissions Committee to be equivalent to courses in any of the listed Academic Disciplines will be acceptable. For students whose first and second academic disciplines are in science, courses from other science departments may be counted as part of the eight course, second discipline for purposes of admission. Such students are advised to contact the Office of Student Services, Faculty of Education, for the list of equivalent courses.

- > Art
- > Biochemistry
- > Biology
- > Chemistry
- > Computer Science
- > Earth Sciences
- > Economics
- > English
- > Folklore
- > French
- > Geography
- > History
- > Linguistics
- > Mathematics (pure and applied mathematics, statistics)



- > Physical Education
- > Physics
- > Political Science
- > Religious Studies

4. Candidates who are registered in their final semester of their first Bachelor's Degree programme during the Winter Semester must have satisfied the academic requirements set out in Clause 2 above upon completion of their first degree programme. Applicants completing degrees from a university other than Memorial must submit an official transcript denoting the award of their first degree. Students whose transcripts are received after June 15th will not be considered for admission.

5. In assessing applications to the Bachelor of Education (Secondary) Programme, consideration will be given to the following:

(a) student's overall academic performance, in addition to the average on the courses required to be considered for admission;

(b) demonstrated competency in written English as prescribed by the Faculty of Education; and,

(c) two letters of reference, one of which must be from a student's instructor in the teachable area listed in Clause 2(b), or, in cases where the applicant has been employed during the past two years, from a direct supervisor of the applicant.

6. The Faculty reserves the right to deny admission to a candidate who, in the opinion of the Admissions Committee, is deemed unsuitable for admission to the programme.

7. In special circumstances, the Undergraduate Studies Committee on recommendation from the Admissions Committee may, at its discretion, consider an applicant or group of applicants as an exception to the requirements outlined above.

#### Notes

1. A limited number of programme spaces are allocated to each discipline. Students who are admitted with a particular Academic Discipline and who wish to change to a different Academic Discipline must obtain permission of the Office of Student Services. Such changes may not be possible in particular areas.

2. Competition for places in the secondary programme by applicants

with teaching disciplines of Social Studies, English, and Biology has been very intense in the past. Many otherwise qualified applicants have been rejected because of lack of programme space. Because preference may be given to students who are permanent residents of Newfoundland and Labrador very few out-of-province students are normally accepted in these academic disciplines.

3. Because of the structured, sequential nature of this programme, students must attend full-time. Students who drop any course which is part of the programme will be dropped from the entire programme.

4. Students who have been admitted to the programme but choose not to attend in the Fall Semester of their year of admission will lose their admission status. Such a student may reapply for admission at a later date, and must submit a new application which will be considered in competition with those of all other applicants.

#### REGULATIONS FOR THE DEGREE OF BACHELOR OF EDUCATION (SECONDARY)

1. A candidate for the degree of Bachelor of Education (Secondary) shall complete 16 credits; including a non-credit field experience, twelve courses, and a four credit internship in a sequence as prescribed by the Programme Plan.

2. The non-credit early field experience shall include a minimum of thirty hours of school visitation during the first semester of the programme.

3. The twelve courses shall include:

a) seven courses as follows:

(i) Education 4005, 4260, 4361, 4381, and 4950

(ii) Two of the following: Education 4120, 4142, 4143, 4150, 4161, 4168, 4170, 4171, 4180, 4181, 4190, 4203, 4270, 4271. These methodology courses must be chosen to match the Academic Disciplines under which the student was admitted. Students whose academic discipline is linguistics are required to do Education 4142. Those whose discipline is Geography are required to do either Education 4180 or 4271. Those whose discipline is Folklore are required to do either Education 4142 or 4180. Those whose area is Social Studies (academic disciplines of Economics, Geography, History, and Political Science) are required to do Education 4180. Students whose first and second academic disciplines are in Social Studies are

required to do Education 4180 and 4181. Students whose academic disciplines are English and Linguistics are required to do Education 4142 and 4143. Those whose discipline is Biochemistry are required to do either Education 4171 or Education 4270.

(b) five elective courses chosen from i through iv below so that students complete at least one course from each of i, ii and iii but no more than two courses from each of i, ii, iii or iv.

(i) Education 4350, 4352, 4354, 4356, and 4945

(ii) Education 4382, 4420, and 4580

(iii) Education 4240, 4242, and 4261

(iv) Education 2420, 2900, 3210, 3211, 3255, 3290, 3565, 3570, 3571, 3585, 3943, 4144, 4151, 4155, 4163, 4172, 4182, 4204, 4275, 4425, 4600 and 4610

4. All students shall complete a four credit internship, Education 5020, 5021, 5022, 5023.

## PROGRAMME PLAN

### SEMESTER 1 (Fall)

Week 0	-----6-----	-----14
Teaching in the Contemporary	Methods (from 3 aii)	
Classroom (Education 4361)		
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Efefctive Teaching (Education	Methods* (from 3 aii)	
4005)		
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Classroom Observation	Evaluation of Teaching and	
(no credit)	Learning (Education 4950)	
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### SEMESTER 2 (Winter)

Week 0	-----4-----	-----14
* Nature of late Adolescence	Ten Week Internship	
(Education 4260)	Education 5020, 5021,	
	5022, 5023	
----- -----	----- -----	
Elective from Clause 3(b)		

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### SEMESTER 3 (Spring)

Week 0-----14
Perspectives on Schooling (Education 4381)
-----
Elective from Clause 3(b)
-----
Elective from Clause 3(b)
-----
Elective from Clause 3(b)
-----
Elective from Clause 3(b)
-----

\* All students will do two discipline related methods courses during Semester 1 except for students requiring Education 4181 or 4143. Students requiring either Education 4181 or 4143 will take this course in Semester 2, doing Nature of Late Adolescence (Education 4260) instead during Semester 1."

Page 224, Education 4360, 4370, 4380, delete the note following Education 4380.

Page 60, Clause C.4.b), insert "Faculty of Education" between "Faculty of Business Administration" and "Faculty of Medicine".

Page 216, bottom right, under the heading Course Descriptions, delete "H: Courses on the High School Programme" and add:

"H: Courses available to fulfill requirements of the Conjoint Bachelor of Arts/ Bachelor of Education, Conjoint Bachelor of Science/Bachelor of Education, Conjoint Bachelor of Physical Education/Bachelor of Education, or Bachelor of Education as a second degree. This designation will be removed after August 31, 1996."

Page 63, Clause R.4., add:

"Note: Application of this clause to the Bachelor of Education (Secondary) Programme is subject to interpretation by the Undergraduate Studies Committee, Faculty of Education."

New courses

4005. EFFECTIVE TEACHING. This course is an introduction to the principles and practices of effective teaching. Topics include decision making, classroom management, planning, general models of teaching such as direct teaching and inquiry-based instruction, and specific teaching strategies such as questioning, grouping, and discussion techniques. Provision will be made for students to engage in simulated teaching.

4120. THE TEACHING OF ART IN THE SECONDARY SCHOOL. This course examines current philosophies and methodologies in teaching art. Topics include curriculum implementation, organization and management, evaluation, safety, and advocacy.

4142. THE TEACHING OF ENGLISH LANGUAGE AND LITERATURE IN THE SECONDARY SCHOOL I. This course applies the principles of effective teaching to the teaching and learning of English language and literature. Topics that will be considered include the nature and structure of language and literature programmes, text analysis, the writing of non-fiction prose, media literacy, and oracy.

4143. THE TEACHING OF ENGLISH LANGUAGE AND LITERATURE IN THE SECONDARY SCHOOL II. This course builds upon the principles of effective teaching. It examines the use of writing, reading, speaking, and listening to support the teaching of various literary genre.

4144. ADVANCED ENGLISH TEACHING METHODOLOGY. Building upon the experiences gained in the internship, this course examines the reading and writing workshop approach to the study of English language and literature.

4172. ADVANCED SCIENCE EDUCATION METHODOLOGY. This course builds upon the principles of effective teaching and subject specific methods courses, examines the experiences gained in the internship, and introduces significant and advanced ideas related to science teaching.

4182. ADVANCED SOCIAL STUDIES METHODOLOGY. This course analyzes students' experiences in the internship, examines recent research in the teaching of social studies, considers alternative approaches to the teaching and learning of social studies, and explores current issues in the field.

4190. THE TEACHING OF PHYSICAL EDUCATION IN THE

**SECONDARY SCHOOL.** This course applies the principles of effective teaching to the teaching and learning of physical education. Topics include the nature and purpose of physical education, an examination of the physical education curriculum, an analysis of quality daily physical education, approaches to teaching physical education, and evaluation of progress in physical education.

**4203. THE TEACHING OF RELIGIOUS EDUCATION IN THE SECONDARY SCHOOL.** This course applies the principles of effective teaching to the teaching and learning of Religious Education. Topics include formulating objectives, examining theories of faith and moral development, selecting and using resources, and evaluating learning.

**4204. ADVANCED RELIGIOUS EDUCATION METHODOLOGY.** This course builds upon the principles of effective teaching and religious education to address further the major historical issues and contemporary theories. Topics include a reflection on the internship experience, an examination of the theories of religious education, and an analysis of the foundations of religious education.

**4240. AN INTRODUCTION TO THE EXCEPTIONAL LEARNER.** This course is an introduction to the nature of exceptionality in the student. Topics include an examination of special needs resulting from exceptionality, approaches to meeting the special needs, issues of exceptionality, and a consideration of selected categories of exceptionality.

**4242. IDENTIFICATION AND REMEDIATION OF LEARNING DIFFICULTIES.** This course examines the identification processes and remediation techniques appropriate for dealing with student learning difficulties. Topics include identification of learning difficulties, the process of programme planning, and the application of teaching and learning strategies to specific subject areas.

**4260. THE NATURE OF LATE ADOLESCENCE.** This course examines the nature of late adolescence. Topics include an introduction to development theories, an examination of the considerations for teaching and learning, and an analysis of the issues and concerns of the classroom teacher.

**4261. HUMAN LEARNING THEORIES AND THEIR APPLICATION TO THE INSTRUCTIONAL PROCESS.** This course explores the application of learning theory to the instructional process. Topics include an historical review of learning theory and its application to education, an analysis of contemporary models and

research on how young adults learn, and an examination of the factors that shape the translation of research findings into instructional applications.

4275. ENVIRONMENTAL EDUCATION ACROSS THE CURRICULUM. This course examines various international and Canadian initiatives, models, curricula, and programmes in environmental education and explores effective methods of developing environmental awareness through the various content areas of elementary and secondary education.

4340. LITERATURE FOR YOUNG ADULTS. This course is designed to explore literature for young adults and its integration into the content areas. Topics include an examination of the nature of literature for young adults, the literary genres, research on the reading interests of young adults, issues treated in young adult literature, and an historical overview of available young adult literature.

4350. READING IN THE CONTENT AREAS. This course examines the nature of reading in subject-specific areas such as history, biology, and mathematics. Topics include the role of the teacher in the teaching of content in different areas, evaluating vocabulary, grammar, usage and text structure for instruction, and analyzing the variety of strategies for reading, writing and studying.

4352. LANGUAGE ACROSS THE CURRICULUM. This course analyzes the relationship between language and thought. Topics include the forms and uses of language, unique subject-area demands upon language, the complementary nature of oracy and literacy, and evaluation.

4354. WRITING IN THE SECONDARY SCHOOL. This course analyzes the relationship between writing and learning. Topics include an examination of the variety of approaches to the teaching of writing, the role of the teacher in the teaching of writing, the composing process, and the evaluation of writing.

4356. LEARNING THROUGH DRAMA. This course introduces drama as a valuable teaching and learning strategy. Topics include an examination of the foundations, values, and assumptions of drama as an effective means of curriculum implementation in subjects such as English, Social Studies, and Science.

4361. TEACHING AND THE CONTEMPORARY CLASSROOM. This course is an introduction to the institutional and social context of teaching. Topics include the role of school in society, the organization

and administration of schools, the dynamics of classroom culture, and school observation.

4381. PERSPECTIVES ON SCHOOLING. This course examines educational theory and practice within the context of sociological, historical, and philosophical perspectives on schooling. Topics include the purpose of education, the formation of knowledge, and an analysis of issues such as equality of opportunity, and educational reform and change.

4382. CRITICAL THINKING AND KNOWLEDGE IN EDUCATION. This course examines various conceptions of the nature of critical thinking and its role in the acquisition, justification and production of disciplinary knowledge. Topics include the nature of critical thinking, the uses of language in reasoning and communication, criteria and principles of reasoning within the various disciplines, methods and strategies of problem-solving, negotiation, and decision-making, and the teaching and assessment of critical thinking.

4420. LEGAL AND MORAL ISSUES IN EDUCATION. This course examines educational law and sources of conventional morality for the purpose of clarifying individual stances on legal and moral issues. Topics include the nature and theoretical bases of law and morality in education, the legal foundations of the Canadian education system, the legal and moral rights and responsibilities of teachers and students, and teacher liability.

4480. LEARNING RESOURCES IN THE SECONDARY SCHOOL. This course examines the role and use of learning resources in the curriculum. Topics include an introduction to resource-based learning, an examination of the use and place of a Learning Resource Centre, and selection, development and evaluation of learning resources.

4580. SECONDARY EDUCATION AND CULTURE. This course examines the nature of culture and its relationship to society and education. Topics include the process of cultural transmission through education, the significance of student culture in schooling, the influence of culture on curriculum decision-making, and cross-cultural ideology and practice in secondary education.

4945. COMPUTERS IN EDUCATION. This course examines the use of computer-based technology across the curriculum. Topics include an introduction to hardware and operating systems, learning through computers, use and evaluation of computer software, and an examination of specific curriculum issues.



4950. EVALUATION OF TEACHING AND LEARNING. This course is an introduction to the theory and practice of evaluating teaching and student learning in the classroom. Topics include the nature of classroom assessment; the production, administration, interpretation, and evaluation of teacher-made tests; assessment of student products and performances by direct observation; grading and reporting progress; and the application of assessment results to the improvement of teaching.

5020, 5021, 5022, 5023. INTERNSHIP IN THE SECONDARY SCHOOL. Taken conjointly. The Internship is an extended practicum which is school based. The purpose of the Internship is to provide opportunities for Interns to apply theories of teaching and learning in classroom settings, to develop effective teaching practices and to become reflective practitioners. The responsibility for the professional development and evaluation of the Intern is shared between a classroom teacher and a University supervisor.

Revised course titles and descriptions

4150. THE TEACHING OF CORE FRENCH IN THE SECONDARY SCHOOL (H). This course applies the principles of effective teaching to the teaching and learning of Core French. Topics include an introduction to the nature and purpose of the Core French programme, an overview of approaches to second language teaching, basic principles and practices of the current teaching approaches, techniques for teaching, and characteristics of second language lesson planning.

4151. ADVANCED CORE FRENCH METHODOLOGY (H). This course is an in-depth analysis of the nature and purpose of the Core French programme. Topics include a brief overview of the history of French teaching methodologies, an introduction to the research literature, an evaluation of techniques, and a consideration of issues facing the teaching of Core French.

4161. THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL (H). This course applies the principles of effective teaching to the teaching and learning of mathematics. Topics include the purpose of mathematics, theories of learning mathematics, and lesson planning and evaluation.

4163. ADVANCED MATHEMATICS METHODOLOGY (H). This course builds upon the principles of effective teaching and the teaching of mathematics to address specific issues related to the teaching and learning of mathematics in the high school.

4168. THE TEACHING OF COMPUTER SCIENCE IN THE SECONDARY SCHOOL (H). This course applies the principles of effective teaching to the teaching and learning of selected areas of computer science. Topics include theories of learning applied to computer science, lesson planning, special issues in classroom management, and evaluation.

4170. THE TEACHING OF PHYSICS IN THE SECONDARY SCHOOL (H). This laboratory course applies the principles of effective teaching to the teaching and learning of Physics. Topics include place and purpose of Physics in secondary schools, examination of Physics curricula and planning, development, evaluation and the teaching of Physics.

4171. THE TEACHING OF CHEMISTRY IN THE SECONDARY SCHOOL (H). This laboratory course applies the principles of effective teaching to the teaching and learning of Chemistry. Topics include an examination of chemistry curricula, strategies specific to the teaching of chemistry, laboratory management, planning, development, and evaluation of the teaching of chemistry.

4180. THE TEACHING OF SOCIAL STUDIES IN THE SECONDARY SCHOOL I (H). This course applies the principles of effective teaching to the teaching and learning of Social Studies. Topics include the nature and purpose of social studies education, specific teaching strategies, the examination of the selection and use of learning resources for the Social Studies, unit planning, development, and evaluation.

4181. THE TEACHING OF SOCIAL STUDIES IN THE SECONDARY SCHOOL II (H). This course examines the teaching of specific disciplines in Social Studies. Topics include the nature of the particular discipline, secondary school courses in the discipline, and teaching strategies appropriate to the disciplines.

4270. THE TEACHING OF BIOLOGY IN THE SECONDARY SCHOOL (H). This laboratory course applies the principles of effective teaching to the teaching and learning of Biology. Topics include place and purpose of Biology in secondary schools, examination of Biology curricula and planning, development, evaluation and the teaching of Biology.

4271. THE TEACHING OF EARTH SCIENCE IN THE SECONDARY SCHOOL (H). This laboratory course applies the principles of effective teaching to the teaching and learning of Earth

Science. Topics include place and purpose of Earth Science in secondary schools, examination of Earth Science curricula and planning, development, evaluation and the teaching of Earth Science.

Page 206, 1992-93 Calendar, under the heading Bachelor of Education (Primary) and Bachelor of Education (Elementary), subheading Admission, delete note and replace with:

"Notes:

1. In all regulations following, the Office of Student Services will consult with the Dean, Faculty of Education, regarding programme matters.
2. Students who decline an offer of admission to the Faculty of Education, or who do not register for courses during the academic year in which admission is granted must, if they wish to be subsequently considered for admission, submit a new application in competition with other applicants."

Page 209, under the heading Bachelor of Education Conjoint with Bachelor of Arts, Bachelor of Science, Bachelor of Physical Education or Bachelor of Music, subheading Admission, amend Note 2 to read:

"Students who decline an offer of admission to the Faculty of Education, or who do not register for courses during the academic year in which admission is granted must, if they wish to be subsequently considered for admission, submit a new application in competition with other applicants."

Page 211, under the heading Bachelor of Education as a Second Degree, subheading Admission, amend Note 2 to read:

"Students who decline an offer of admission to the Faculty of Education, or who do not register for courses during the academic year in which admission is granted must, if they wish to be subsequently considered for admission, submit a new application in competition with other applicants."

Page 207, under the heading Regulations for the Degree of Bachelor Education (Primary), amend Clause 3.a)ii. to read:

"Two of Education 2050, 2080, 2150, 2193, 2194, 2530, 3050, 3220 or 3230. For students whose academic concentrations are French, Geography, History, Music, Physical Education, or Religious Studies, at least one of these courses will be determined by the particular

subject in Clause 2.f) above."

Page 208, under the heading Regulations for the Degree of Bachelor of Education (Elementary), amend Clause 3.a)ii. to read:

"Two of Education 2050, 2080, 2193, 2194, 3050, 3120, 3160, 3220 or 3230. For students whose academic concentrations are French, Geography, History, Physical Education, or Religious Studies, at least one of these courses will be determined by the particular subject in Clause 2.f) above. Students completing Music under Clause 2.f) must complete both Education 2510 and Education 3160."

Pages 206-208, under the headings Regulations for the Degree of Bachelor of Education (Primary), and Regulations for the Degree of Bachelor of Education (Elementary), (i) amend Clause 3.b) to read:

"Further Education courses to complete the required total for the degree must be chosen from appropriate course offerings of the Faculty of Education"; (ii) amend Clause 2.f) English, to read:

- "- Two 1000-level courses
- Two of 2010\* or 2020, 2390, 2400, 3650
- One of 2000 or 2110, 2001, 3200, 3201
- One of 2002, 2003, 2004
- Two of 2150, 3153, 3155, 3156, 3157, 3158"

Delete the following course titles, numbers, and descriptions from the Course Descriptions and Institutes in Education sections of the Calendar:

3215, 3216. Institute in Family Life Education for Secondary School Teachers (H).

3371, 3372. Institute on Kindergarten Education (P).

4165, 4166, 4167. Institute in Mathematics Education (E,H).

Institute for Teachers of Religious Education in Grades K-8.

3123, 3124. Institute for the Teaching of Art in the Junior High and High School Grades (E,H).

4185, 4186. Institute in the Teaching of Canadian Law (H).

2055, 2056. Institute in the Teaching of Drama and Theatre Arts (H).

3055, 3056. Advanced Institute in the Teaching of Drama and Theatre Arts (E,H).

Institute in the Teaching and Organization of Grades K-6 Science.

Page 225, amend the heading "Waiver Guidelines of Education 3700, 4007, 4700, Post-Sessional Block, and 401X" to read "Waiver Guidelines of Education 3700, 4007, 4700, Post-Sessional Block, 401X and 402X".

Page 226, under the heading Waiver Guidelines of Education 3700, 4007, 4700, Post-Sessional Block, and 401X, amend the first paragraph of Clause 3 to read:

"3. Education 401X and 402X may, in special circumstances and upon individual request, be waived by the Office of Student Services in accordance with the guidelines listed below. Students requesting waiver should apply in writing and submit evidence of the following:"

#### 36.11 \*Faculty of Engineering and Applied Science

Discontinuation of Programme in Geological and Mining Engineering

It was agreed that the programme in Geological and Mining Engineering offered jointly by the Faculty of Engineering and Applied Science and the Department of Earth Sciences be terminated. There are no students currently enrolled in this programme.

Amendments to Engineering Regulations

Page 296, 1992-93 Calendar, under the heading Engineering Regulations, subheading Admissions, clause 2, amend the first sentence of paragraph 4 to read:

"A student of engineering should be able to obtain a work term position through the job competition for each work term but the University does not guarantee to place the student in a full-time paid position in each work term. Placement will depend on the availability of positions and choices made by both employers and students. ..."

Page 297, under the heading Work Terms:

- add to clause 18 the following:

"A student may, with the permission of the Division of Co-operative Education, be self employed during a work term, provided that the

student and the Division of Co-operative Education agree at the start of the work term on the information to be provided to the Division so that it can evaluate the student's work during the term.

A student who is unable to obtain a work term job or work in approved self employment within four weeks from the start of the work term will be expected to undertake work under contract to a client within the Faculty, another entity in the University, a company, municipality, non-profit organization, or the like. The contract work may be part-time, or occupy only a portion of the semester, and may Faculty of Engineering and Applied Science (cont'd)

allow the student to earn an income in other ways. The contract, whether paid or unpaid, must be approved by the Division of Co-operative Education."

- renumber clauses 21 - 24 as 22 - 25; and

- add the following new clause 21:

"21. A student who has successfully completed at least two work terms, and has not failed a work term, can be excused without academic prejudice from one subsequent work term, provided that the student applies in writing to the Undergraduate Studies Committee of the Faculty through the Division of Co-operative Education not later than the fourth week of the academic term immediately prior to the work term from which they wish to be excused. The permission so granted in this case is conditional on the successful completion of the academic term and can only be granted once."

Page 295, under the heading Programme of Study, insert the following paragraph at the bottom of the left hand column and will precede the paragraph starting with "With the permission of the Division of Co-operative Education students may rearrange ...":

"All students who anticipate pursuing studies in Mechanical and Naval Architectural Engineering should participate in 290W Mechanical/Naval Architectural Engineering Workshop. Satisfactory completion of the workshop is a prerequisite for all Mechanical Engineering students and Naval Architectural Engineering students graduating in 1997 or later."

#### 36.12 \*School of Pharmacy

The calendar entry, including an amendment recommended by the Executive Committee of Senate, was approved as follows:

Page 275, 1992-93 Calendar, under the heading Regulations, insert:

"INTRODUCTION

The School of Pharmacy is committed to providing an undergraduate programme of quality and excellence that will produce individuals who will contribute significantly in all settings of pharmacy practice. Students studying towards the B.Sc.(Pharmacy) degree will acquire, as a first priority, a substantial background in both the biological and physical sciences and the humanities. Following this, students will receive an extensive education and intensive training in the fields of pharmacy and cognate health sciences. The melding of these disciplines produces the modern pharmacist.

The programme of study leading to the B.Sc.(Pharmacy) has two phases and requires at least 5 years to complete. First, students must complete the 2 years of pre-entrance studies as described below (Admission to the School of Pharmacy, Regulation 6). Students will then be selected for Pharmacy Studies in which they will study the pharmaceutical and cognate health sciences for 3 years (see Course List). NOTE: ENTRY INTO THE FINAL 3 YEARS OF THE PROGRAMME IS COMPETITIVE. SELECTION WILL BE MADE FROM THOSE WHO HAVE COMPLETED THE PRE-ENTRANCE STUDIES (SEE REGULATION 4, ADMISSION TO THE SCHOOL OF PHARMACY)."

On pages 277 and 278, delete the entries "(3rd year B.Sc.Pharm.)", "(4th year B.Sc.Pharm.)" and "(5th year B.Sc.Pharm.)".

Page 276, under the heading Evaluation and Promotion:

- amend clause 3.a) to read:

"Evaluation of each student's performance is conducted by the instructor(s) in each course. The overall average required for promotion from any given year will be sixty-five (65%). Neither promotion nor graduation will be permitted if a student has a grade below fifty (50%) percent in any course in the pharmacy programme."

- add a new clause 3.c):

"Students in the 2nd and 3rd years of Pharmacy Studies will be permitted to meet their elective requirements from courses taken previously. However, only those courses for which credit has been granted, and that have not been used towards a previous degree or for

admission to the Pharmacy programme will be acceptable."

- add a new clause 3.d):

"A student must attain a passing grade in each elective, but these courses will not be included in calculating the student's average grade for the purposes of promotion, graduation or academic awards."

Page 277, under the heading Programme of Studies, amend paragraph to read:

"For the Bachelor of Science in Pharmacy a candidate must complete satisfactorily: 1) the entrance requirements for admission to the First Year of Pharmacy Studies (see Admission to the School of Pharmacy, Regulation 6) and 2) all credit and non-credit courses included in the Course List for the First, Second and Third Years of Pharmacy Studies. After successful completion of the Third Year of Pharmacy Studies, the Undergraduate Studies Committee may recommend to Council that the degree, Bachelor of Science in Pharmacy, be awarded."

Page 277, change "Pharmacy 3004. Dispensing." to read "Pharmacy 3004. Professional Practice."

Revised course descriptions

Pharmacy 300W. Studentship (S). Non-credit course. Practical training in a pharmacy after classes and examinations in the Winter Session have ended.

Twelve weeks, 35 hours per week.

Pharmacy 410W. Studentship (S). Non-credit course. Practical training in a pharmacy after classes and examinations in the Winter Session have ended.

Twelve weeks, 35 hours per week.

### 36.13 \*School of Social Work

The calendar entry, including an amendment recommended by the Executive Committee of Senate, was approved as follows:

Page 332, 1992-93 Calendar, under the heading Schedule A Elective Courses, amend clause (i) to read: "All courses in the Faculties of Arts and Science to a maximum of twelve courses (excluding all required arts and science courses as outlined in clause 3 of programme of study)." Change existing note to read: "Note: No more than eight (8) Schedule A elective courses can be taken from any single subject."



Page 334, under the heading Course Descriptions, amend note 2 to read:

"Note: Fourth and fifth year electives are not available to third year students. However, all fourth year electives are available to fifth year social work students and fifth year electives are available to fourth year social work students."

Page 335, prerequisites as noted below are to be added to the following courses - 4610, 4612, 4614, 4615, 4616, 4617:

"\*Prerequisites: Social Work 3320, 3321, 3721.

Note: See exceptions to prerequisites at end of course description for Social Work 4617."

The following text will appear in the Calendar after course description Social Work 4617:

"\*Students who have completed a degree from a recognized post secondary institution and who have been admitted to the School, may take courses SW 4610, 4612, 4614, 4615, 4616 and 4617 without the prerequisites.

Students who have completed a degree from a recognized post secondary institution, but who have not been admitted to the School, may take courses SW 4610, 4612, 4614, 4615, 4616 and 4617 only with consent of the instructor."

Page 335, add the following prerequisites and corequisites to SW 5211:  
"Prerequisites or corequisites: Social Work 4311, 4315, 4316, 4325, 4326 or consent of the instructor."

Page 336, add the following prerequisites to 5613, 5614, 5720:  
"Prerequisites: Social Work 3320, 3321 and 3721 or consent of the instructor."

Add the following prerequisites to 5315, 5316, 5317, 5318, 5319:  
"Prerequisites: Completion of all required and elective fourth and fifth year courses."

Page 332, under the heading Programme of Study, (i) renumber clauses 4 to 12 as 5 to 13; and (ii) add a new clause 4 as follows:

"4. Students should ensure that they complete Psychology 2010, 2011 and 2012 by the end of their second year, since they are prerequisite

courses for Social Work 3211 and Social Work 3220."

Page 332, under the heading Programme of Study, clause 12, change "may be required to leave the programme" to "will be removed from the programme".

Page 333, under the heading Programme of Study, clause 11, change "may be required to leave the programme" to "will be removed from the programme".

#### 36.14 \*School of Nursing

##### Revised course description

N 3370. Extended Clinical. This course provides the student with the opportunity to 1) integrate the knowledge and 2) practice the skills acquired to date in the programme.

Add the following sentence to N2700 and N2230:

"Must be in the BN programme or a Registered Nurse or eligible for registration."

##### Revised prerequisites

N 4720. Advanced Nursing Care of Adults I.  
Prerequisites: N2040, N2230, N2700, N3022, N4002.  
Prerequisites or Corequisites: N4701, N4702.

N 4721. Advanced Nursing Care of Adults II.  
Prerequisites or Corequisites: N4701, N4702, N4720.  
Corequisite: N4722.

N 4722. Advanced Nursing Care of Adults III.  
Prerequisites or Corequisites: N4701, N4702, N4720.  
Corequisite: 4721.

N 4710. Nursing of the Aged I.  
Prerequisites: N2040, N2230, N2700, N3022, N4002.  
Prerequisites or Corequisites: N4701, N4702.

N4711. Nursing of the Aged II.  
Prerequisites or Corequisites: N4701, N4702, N4710.  
Corequisite: N4712.

N4712. Nursing of the Aged III.

Prerequisites or Corequisites: N4701, N4702, N4710.  
Corequisite: N4711.

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

It was agreed that the following graduate calendar changes be approved or received for information as appropriate:

#### 36.15 Waiver of regulations for graduate students - Fall Semester 1992

A list of waiver of regulations granted by the Academic Council of the School of Graduate Studies for Fall Semester 1992 was received for information.

#### 36.16 Faculty of Education, Dean's List 1992

The names of students selected for the Dean's List for 1992, Faculty of Education, were received for information.

#### 36.17 Student Appeals

The Secretary of the Executive Committee reported that the appeals of two undergraduate students (MUN NOS. 8318008; 7200645) were upheld.

#### Other Business

The President briefed senators on the changes to the provincial auditor general's legislation which have resulted in Memorial University being defined as an agency of government. An article, "Legislative changes challenge Memorial's autonomy", which appeared in the December 17, 1992 issue of the Gazette was copied for circulation at tonight's meeting. The President outlined what has transpired to date and promised to keep Senate informed of developments in this area.

It was then moved by Dr. Graesser, seconded by Dean Visentin

"that Senate express its support to the President and to the Board of Regents in their efforts to ensure that the autonomy of the University and its fundamental right of academic freedom not be abridged through legislation or actions of the Government, in particular by treating the University as an agency of Government under the direct jurisdiction of the Auditor General or the Public Accounts Committee."

The motion was CARRIED unanimously.

37. ADJOURNMENT

The meeting adjourned at 9:10 p.m.