

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
SENATE

The regular meeting of Senate was held on January 14, 2003, at 4:00 p.m. in Room E5004, Education Building.

42. PRESENT

The President, Dr. E. Simpson, Dr. C. Loomis, Professor A. Fowler, Interim Dean A. Collins, Mr. G. Collins, Dr. S. Birnie-Lefcovitch, Dean D. Graham, Dean I. Bowmer, Mr. R. Ellis, Dr. T. Gordon, Dr. L. Hensman, Dr. C. Higgs, Dr. M. Golfman for Dean C. Jablonski, Dean R. Lucas, Dr. C. Orchard, Mr. L. O'Reilly, Interim Dean M. Haddara, Dean L. Walker, Ms. Doreen Whalen, Dr. R. Adamec, Dr. S. Algoo-Baksh, Dr. J. Ashton, Professor P. Ayres, Dr. M. Brosnan, Dr. D. Buell, Dr. G. Clark, Dr. Cyr Couturier, Mr. E. Durnford, Dr. J. Evans, Dr. R. Gosine, Professor M. Hackett, Dr. J. Harris, Dr. M. Kara, Dr. D. Kimberley, Professor V. Kuester, Ms. K. Lippold, Dr. D. McKay, Dr. M. Mulligan, Dr. M. Murray, Dr. F. Murrin, Dr. D. Neville, Dr. H. Pike, Dr. J. Quaicoe, Ms. D. Rehner, Dr. V. Richardson, Dr. D. Rideout, Dr. F. Shahidi, Dr. C. Sharpe, Dr. K. St. John, Dr. D. Thompson, Dr. D. Treslan, Professor D. Walsh, Dr. B. Watson, Dr. M. Wernerheim, Dr. S. Wolinetz, Dr. J. Wright, Ms. L. Eddy, Mr. S. Sullivan, Ms. G. Bell, Ms. C. Powell, Mr. G. Salam, Mr. M. Spencer, Mr. J. Jacobs.

43. APOLOGIES FOR ABSENCE

Apologies were received from Dr. J. Wyse, Ms. R. Vernescu, Mr. T. Duggan, Mr. A. Kennedy.

The Chair opened the meeting by welcoming Senators back for the first meeting of the new calendar year and by wishing Senators a happy, productive and prosperous new year. He extended a special welcome to the newly appointed undergraduate student Senator, Mr. Jonathan Jacobs from Sir Wilfred Grenfell College.

44. MINUTES

The Minutes of the special and regular meetings held on December 10, 2002, were taken as read and confirmed noting on pages 39 and 42 that Roxanna Vernescu and Shannon Sullivan were omitted from the attendance list. This amendment has been incorporated into the original copy of the December 10, 2002, minutes.

45. Report of the Committee on Honorary Degrees and Ceremonial

Senate moved into a closed session for this item of business in accordance with **Section IV.E.2. SENATE MEETINGS AND PROCEDURES** of the Handbook of Senate By-Laws and Procedures which reads:

Matters of a confidential nature, including honorary degrees, shall be discussed in closed session; observers are not permitted to attend closed sessions.

The names of eleven candidates recommended by the Committee on Honorary Degrees and Ceremonial were presented to the Senate for awarding of doctoral degrees honoris causa. Members were given the opportunity to discuss the merits of each of the candidates before voting. Upon voting by a show of hands, each candidate was approved by at least a two-thirds majority vote.

The Chair reviewed the list of candidates who had previously been approved for the award of an honorary degree but who have not yet received their degree and informed Senators that the list is available for viewing in the Office of the Secretary of Senate.

University Marshal

The University Marshal has informed the President and Vice-Chancellor that he does not intend to seek another term after the expiration of his current term of office on October 19, 2003. However, Mr. Veitch will serve as Marshal for both the Spring 2003 and Fall 2003 Convocations.

In view of this and in order to provide time for a smooth transition, the Committee on Honorary Degrees and Ceremonial recommended that the nomination and selection process be initiated. The newly appointed University Marshal would assume full responsibility towards the end of the calendar year.

It was then moved by Mr. Collins, seconded by Professor Ayres that the nomination and selection process be initiated.

46. Report of the Senate Committee on Undergraduate Studies

46.1 School of Music

Page 212, 2002-2003 Calendar, following the heading Bachelor of Music (Honours), subheading Minor in Music History, amend clause 3.a) to read as follows:

"Music 1107, 1108, 1117, 1118, 1127 or 1137, and 1128 or 1138"

Page 212, 2002-2003 Calendar, following the heading Bachelor of Music (Honours), subheading Interdisciplinary Major in Drama and Music (Bachelor of Arts), amend clause 1.b) to read as follows:

"Music 1107, 1108, 1117, 1118, 1127 or 1137, and 1128 or 1138"

Page 212, 2002-2003 Calendar, following the heading Bachelor of Music (Honours), subheading Concentration in Music Under Clause 2(F) of the Bachelor of Education

(Primary) and Bachelor of Education (Elementary), amend the first two bullets to read as follows:

" Music 1107, 1117, 1127 or 1137

Music 1108, 1118, 1128 or 1138"

Page 211, 2002-2003 Calendar, following the heading B. Core Program, delete:

"Applied Music (10 cr. Hrs.): 140A/B, 240A/B, 2 credit hours of 1611"

Replace with:

"Applied Music (10 cr. Hrs.): 140A/B, 240A/B, 2 credit hours of 2611."

Page 211, 2002-2003 Calendar, following the heading Performance Major, under 5.B, delete:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 1611, 2611-2616) toward the Bachelor of Music degree."

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music degree."

Page 211, 2002-2003 Calendar, following the heading General Musical Studies Major, under subheading Option A (with minor), delete clause a)ii).

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music degree."

Page 211, 2002-2003 Calendar, following the heading Option B (no minor), delete clause a)ii).

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music degree."

Page 211, 2002-2003 Calendar, following the heading Conjoint Degrees Program: Bachelor of Music & Bachelor of Music Education, delete clause 6.a).

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music/Bachelor of Music Education degrees."

Page 212, 2002-2003 Calendar, following the heading Theory and Composition Major, delete clause 7.a).

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music degree."

Page 212, 2002-2003 Calendar, following the heading History and Literature of Music Major, delete clause 7.a).

Replace with:

"Credit will not be given for more than 14 credit hours of large ensemble (Music 2611-2616) toward the Bachelor of Music degree."

Page 212, following the heading H. Joint Major in Music Performance and History and Literature of Music, under clause 6.b), (as approved at the meeting of Senate held on December 10, 2002) delete:

"A maximum of 4 credit hours can be used from large ensembles (Music 1611, 2611-2616)"

Replace with:

"A maximum of 4 credit hours can be used from large ensemble (Music 2611-2616)"

Page 209, 2002-2003 Calendar, following the heading Bachelor of Music Degree: Admission and Academic Standards, sub heading (c) Piano Proficiency Test , delete:

"1611"

Page 213, 2002-2003 Calendar, following the heading Applied Music Courses, delete the entry for the course 1611 in its entirety.

Page 213, 2002-2003 Calendar, following the heading Applied Music Courses, amend the corequisite for Music 140A/B to read as follows:

"Corequisite: Music 2611"

Page 213, 2002-2003 Calendar, following the heading Applied Music Courses, amend 2611 to read as follows:

"2611. Festival Choir (1 cr. hr. per semester. Maximum: 10 cr. hrs.). Three ..."

Page 211, 2002-2003 Calendar, immediately preceding the heading B. Core Program, insert the following:

"However, in the case where a student's major changes from Performance to one of the other majors, the principal applied study courses successfully completed under the Performance major may be used to satisfy the requirements for principal applied study in the new major, with any additional credit hours being used as music electives in the new major."

Page 211, 2002-2003 Calendar, following the heading C. Performance Major, delete clause 6.

Replace with:

"6. Twenty-four credit hours chosen from disciplines other than music and music education, including at least 6 credit hours from courses in English and/or designated research/writing courses. Students whose principal applied study is voice must include at least 3 credit hours in each of Italian, German and French."

Page 211, 2002-2003 Calendar, following the heading D. General Musical Studies Major, under subheading Option B (no minor), delete clause b).

Replace with:

"b) Twenty-four credit hours chosen from disciplines other than music and music education, including at least 6 credit hours from courses in English and/or designated research/writing courses."

Page 211, 2002-2003 Calendar, following the heading E. Conjoint Degrees Program: Bachelor of Music & Bachelor of Music Education, delete clause 8.

Replace with:

"8. Twenty-four credit hours chosen from disciplines other than music and music education, including at least 6 credit hours from courses in English and/or designated research/writing courses. Conjoint degrees students are strongly encouraged to take at least 18 credit hours in a second teachable subject."

Page 212, 2002-2003 Calendar, following the heading F. Theory and Composition Major, delete clause 8.

Replace with:

"8. Twenty-four credit hours chosen from disciplines other than music and music education, including at least 6 credit hours from courses in English and/or designated research/writing courses. All Theory and Composition majors are strongly encouraged to take at least 6 credit hours in German."

Page 212, 2002-2003 Calendar, following the heading G. History and Literature of Music Major, delete clause 8.

Replace with:

"8. Twenty-four credit hours chosen from disciplines other than music and music education, including at least 6 credit hours from courses in English and/or designated research/writing courses AND at least 12 credit hours in a language or languages other than English."

Page 211, 2002-2003 Calendar, following the heading C. Performance Major, amend clause 4. to read as follows:

"Six credit hours chosen from Music 3510 to 3516. With the permission of the Director, students whose principal applied study is voice may substitute a maximum of 4 credit hours from Music 2616 and/or a maximum of 4 credit hours from Music 3762-3763."

Page 210, 2002-2003 Calendar, following the heading H. Joint Major in Music Performance and History and Literature of Music (as approved at the meeting of Senate held on December 10, 2002), amend clause 5. to read as follows:

"Six credit hours chosen from Music 3510 to 3516. With the permission of the Director, students whose principal applied study is voice may substitute a maximum of 4 credit hours from Music 2616 and/or a maximum of 4 credit hours from Music 3762-3763."

Page 210, 2002-2003 Calendar, following the heading I. Joint Major in Music Performance and Theory and Composition (as approved at the meeting of Senate held on January 14, 2003), amend clause 5. to read as follows:

"Six credit hours chosen from Music 3510 to 3516. With the permission of the Director, students whose principal applied study is voice may substitute a maximum of 4 credit hours from Music 2616 and/or a maximum of 4 credit hours from Music 3762-3763."

Page 211, 2002-2003 Calendar, following the heading D. General Musical Studies Major, amend clause 4. to read as follows:

"4. Three credit hours chosen from Music 3510-3516, 3711, 3712, 3722, 3732, 3742, 3762, 3763, 3772, 3773."

Page 216, 2002-2003 Calendar, following the heading Music Theory Courses, delete the prerequisite for course 1117.Aural Skills, and replace with:

"Prerequisite: Minimum grade of 75% in Music 1116 or successful completion of the Theory Placement Test."

Page 212, 2002-2003 Calendar, following the heading Bachelor of Music (Honours), amend the first paragraph to read as follows:

"The Bachelor of Music (Honours) will be awarded to candidates in the Performance, General Musical Studies, Theory and Composition, and History and Literature of Music majors and candidates in the Joint programs of Performance and History and Literature of Music, and Performance and Theory and Composition who:"

Page 213, 2002-2003 Calendar, following the heading Course List, delete the section entitled Course Equivalents in its entirety.

Page 209, 2002-2003 Calendar, following the heading School of Music, subheading Programs, insert the following immediately after "Joint major in Performance and History and Literature of Music" (as approved at the meeting of Senate held on December 10,2002) entry:

"Joint Major in Music Performance and Music Theory and Composition"

Page 210, 2002-2003 Calendar, following the heading Bachelor of Music Degree Regulations, subheading A. Major, insert the following new clause 6:

"6. Joint Major in Music Performance and Theory and Composition. This program is recommended to those candidates who have both advanced performance skills and an interest in music theory and composition. Students who are planning careers in performance, music editing, conducting, arranging, composing or as university-based musicians are encouraged to consider this major. Candidates must fulfill the requirements for admission to both the Performance and Theory and Composition majors."

Renumber current clause "5." to "7."

Page 210, 2002-2003 Calendar, following the heading Bachelor of Music Degree Regulations, insert the following new section:

"I. JOINT MAJOR IN MUSIC PERFORMANCE AND THEORY AND COMPOSITION

To be awarded the degree of Bachelor of Music with a joint major in Music Performance and Theory and Composition, a candidate shall comply with the School's regulations, and successfully complete a minimum of 125 credit hours, including the 44 credit hours in the Core Program. The remaining 81 credit hours shall be chosen as follows:

1. Music 345A/B, 445A/B

2. Eight credit hours of large ensemble (Music 2611, 2612, 2613, 2614, 2615, 2616). With the permission of the Director, students whose principal applied study is keyboard, guitar or voice may substitute a maximum of 2 credit hours chosen from Music 3221 to 3282 and/or Music 3510 to 3516 for 2 credit hours of large ensemble.

NOTE: Placement in ensembles may require an audition, and is subject to approval by the Director. Students will normally be placed in the ensemble(s) most closely related to their principal applied study.

3. Music 3100, 3104, 3105, 3112, and one of Music 3106 or 3108.

4. Music 2311, 3311, 3312, 3313 and 3314.

5. Six credit hours chosen from Music 3510 to 3516. Students whose principal applied study is voice may substitute a maximum of 2 credit hours from Music 2616 for 2 credit hours of Music 3510 to 3516 and/or a maximum of 4 credit hours from Music 3762 and 3763 for 4 credit hours of Music 3510 to 3516. Students whose principal applied study is voice may substitute a maximum of 4 credit hours from Music 3772 and 3773 for 4 credit hours of Music 3510 to 3516.

6. Four credit hours chosen from Music 3221, 3222, 3231, 3232, 3233, 3241, 3242, 3261, 3271, 3281, 3282.

7. Six credit hours chosen from courses beyond the 2000 level in music theory (in addition to those listed in I.3 above).

8. Twenty-four credit hours chosen from disciplines other than music or music education, including at least 6 credit hours chosen from courses in English and/or designated research/writing courses. Students whose principal applied study is voice must include at least 3 credit hours in each of Italian, German, and French."

46.2 Department of Geography

Page 176, 2002-2003 University Calendar, following the heading Geography, delete "General Prerequisites" in its entirety.

Page 176, 2002-2003 University Calendar, following the heading Geography, insert the following:

"The following undergraduate programs are available in the Department:

Major in Geography (B.A. or B.Sc.)

Honours in Geography (B.A. or B.Sc.)

Minor in Geography

Joint Programs

Focus in Geography

Diploma in Geographic Information Sciences"

Page 176, 2002-2003 University Calendar, following the heading Major in Geography (B.A. or B.Sc.), delete the section in its entirety and replace with the following:

- "1. Students may complete a Major in Geography as part of either a B.A. or B.Sc. program. See the General Regulations for the B.A. and B.Sc. degrees as appropriate.
2. All students who major in Geography shall consult with their assigned faculty advisor, or the Head of the Department, who will help them in planning their academic program. For this purpose, it is essential that students declare their major at an early stage of their studies.
3. The Major in Geography consists of 45 credit hours in Geography courses, including:
 - a. 1050, or 1000 & 1001, or 1010 & 1011;
 - b. 2001, 2102, 2195, and 2302;
 - c. 2220 (or Statistics 2500 or 2510);
 - d. Twelve credit hours in courses from at least three of the following groups:
 - A. 2200, 3200, 3250, 3260;
 - B. 3303, 3325, 3701;
 - C. 3000, 3610, 3620, 3800;
 - D. 3110, 3120, 3140, 3150
 - e. At least 9 credit hours chosen from courses at the 4000-level;
 - f. Further credit hours in courses at the 3000-level or above, to fulfil the require 45 credit hours in Geography courses.
4. B.Sc. candidates:
 - a. Must complete 15 credit hours in Science outside Geography at the 2000-level or above;
 - b. may substitute Computer Science 1700 for three of the required 12 credit hours in first year science courses required for the science degree."

Page 177, 2002-2003 University Calendar, following the heading Honours in Geography (B.A. or B.Sc.), delete the section in its entirety and replace with the following:

1. Students intending to take an Honours degree in Geography must apply for entry to the Honours program through the Office of the Registrar.
2. Students accepted in the honours program must:
 - a. Comply with the General Regulations for the Honours Degree of B.Sc. Degree as appropriate.
 - b. Arrange their programme in consultation with the Head of the Department.
3. For the Honours Degree, a candidate will be required to have completed at least 60 credit hours in courses in Geography, including:
 - a. Forty-five credit hours in courses as listed under Major in Geography.

- b. Geography 3230, 4990 and 4999.
- c. Six additional credit hours at the 4000-level."

Page 177, 2002-2003 University Calendar, delete the section Joint Programs in its entirety and replace with the following:

"MINOR IN GEOGRAPHY

The Minor in Geography consists of 24 credit hours in Geography courses, including:

- 1050, 2001, 2102, 2195, 2302; and
 - nine credit hours in elective courses.
- or
- 1000 & 1001, or 1010 & 1011;
 - 2001, 2102, 2195, 2302; and
 - six credit hours in elective courses.

"Page 177, 2002-2003 University Calendar, delete the section Minor in Geography" in its entirety and replace with the following:

"JOINT PROGRAMS

Regulations for the Joint Honours in Computer Science and Geography, Joint Honours in Geography/Earth Sciences, and Joint Major in Computer Science and Geography are found under the heading "Joint Programs" in the entry for the Faculty of Science.

Students who wish to take a Joint Major or a Joint Honours in Geography and another subject must arrange their program in consultation with the heads of the Departments concerned, and comply with the General Regulations of the appropriate faculty."

Page 177, 2002-2003 University Calendar, delete the section Concentration in Geography (B.Ed. Candidates) in its entirety and replace with the following:

"FOCUS IN GEOGRAPHY B.Ed. (Primary/Elementary)

This program, which is only applicable for the B.Ed. Primary/Elementary degree program, consists of 18 credit hours in Geography including:

- 1050, 2001, 2102, 2195, 2302, and 3 credit hours in an elective course.

or

- 1000 & 1001, or 1010 & 1011, and
- 2001, 2102, 2195, and 2302."

Page 177, 2002-2003 University Calendar, following the section Diploma in Geographic Information Sciences, insert the following:

"GENERAL PREREQUISITES AND CREDIT RESTRICTIONS

1. Mathematics 1000, or equivalent, is a prerequisite for Geography 3110, 3120, 3140, 3150, 3250, 3260;
2. Geography 2220, or Statistics 2500 or 2510 is a prerequisite for Geography 3110, 3120, 3140, 3150, 3250, 3260, 3303, and 3701;
3. Geography 2001, 2102, 2195, and 2302 must normally be completed prior to registration in a 4000-level course;
4. Credit may not be obtained for 1050 and any one of 1000, 1001, 1010, or 1011."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, delete "1010. Introduction to Geography I." in its entirety.

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 1011. Introduction to Geography II., delete the "Note" and replace with the following:

"NOTES: 1) Credit may not be obtained for 1011 and any of 1001 or 1050.

2) Geography 1011 will be offered for the last time during the Winter 2004 Semester."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, immediately following 1011. Introduction to Geography II, insert the following new course:

"1050. Introduction to the Principles and Practice of Geography. The course focuses on five areas of geography which continue through courses in other years of the geography program: physical, cultural, economic, resources, and geographic information sciences. The lectures are linked to assignments, which provide both experience in the application of geographical skills and develop insight into the presence of geography at both the local and global scales.

NOTE: Credit may not be obtained for 1050 and any of 1000, 1001, 1010, or 1011."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 2102. Physical Geography: The Global Perspective, delete current Prerequisite and replace with the following:

"Prerequisite: Geography 1050, or 1011, or 1001."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, change the course title "2195. Introduction to MAPS: Cartography, Remote Sensing, and Geographic Information Systems (GIS)" to the following:

"2195. Introduction to Geographic Information Sciences."

Delete current "Prerequisite" and replace with:

"Prerequisite: Geography 1050, or 1011, or 1001."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 2220. Research Design and Quantitative Methods in Geography, delete:

"Prerequisites: Mathematics 1000, or 1090 and 1000, or 1050 and 1051."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3110. Physical Geography of the Watershed, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2102; Geography 2195; Mathematics 1000; one of Geography 2220, Statistics 2500, Statistics 2510, Statistics 2550, or permission of the Head."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3120. Climatology, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2102; Mathematics 1000; Geography 2220 or Statistics 2500 or 2510."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3140. Biogeography, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2102; Mathematics 1000; Geography 2220 or Statistics 2500 or 2510."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3150. Geomorphology, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2102 or Earth Sciences 2310; Mathematics 1000; Geography 2220 or Mathematics 2000 or Statistics 2500 or 2510."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3250. Introduction to Remote Sensing, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2195; Mathematics 1000; Geography 2220 or Statistics 2500 or 2510"

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3260. Introduction to Geographic Information Systems, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2195; Mathematics 1000; Geography 2220 or Statistics 2500 or 2510"

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 3405. Canada, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 2001, 2102, and 2302; or 6 credit hours in courses for the Major in Canadian Studies; or permission of the instructor and the Head of the Department."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 4141. Glacial Environments, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Six credit hours in physical geography in courses at the 3000-level; or permission of Head of Department."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 4150. Environmental Change and Quaternary Geography, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Six credit hours in physical geography or in A/P courses at the 3000-level; or permission of Head of Department."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 4261. Advanced Techniques in Geographic Information Systems (GIS), delete the current Prerequisite in its entirety and replace with the following:

"Prerequisites: Geography 3260; Mathematics 2050; Computer Science 1700 (or equivalent, with permission of instructor and the Head of Department.)"

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, amend the course title 4291. Special Topics in Geographic Mapping Techniques, to read as follows:

"4291. Special Topics in Geographic Information Sciences."

Delete the current Prerequisites and replace with:

"Prerequisites: At least two of 4200, 4250, and 4261, or permission of instructor and the Head of the Department."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 4405. Outdoor Recreational Resources and Planning, delete:

"Credit may not be obtained for both Geography 4405 and Geography 4909."

Replace with:

"NOTE: Credit may not be obtained for both Geography 4405 and Geography 4909."

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, under the course 4640. Historical Geography of Canada, delete the current Prerequisite in its entirety and replace with the following:

"Prerequisite: Geography 2001 and at least one of 3000, 3010, 3290, 3610, 3620, 3800; or 12 credit hours in core courses for the major in Canadian Studies. "

Page 177, 2002-2003 University Calendar, under the heading Course Descriptions, delete the following courses:

"4160. Advanced Hydrology."

"4292. Research Seminar in Geographic Mapping Techniques."

Page 258, 2002-2003 University Calendar, immediately following the heading Geography, delete the section in its entirety and replace with the following:

"GEOGRAPHY

For Departmental Regulations and Course Descriptions, see Faculty of Arts section in the Calendar.

PROGRAMS IN GEOGRAPHY

The following undergraduate programs are available in the Department:

Major in Geography (B.A. or B.Sc.)
Honours in Geography (B.A. or B.Sc.)
Minor in Geography
Joint Programs
Focus in Geography
Diploma in Geographic Information Sciences"

Page 278, 2002-2003 University Calendar, under the heading Regulations for the Degree of Bachelor of Education (Primary/Elementary), immediately following the subheading Geography (18 credit hours), insert the following:

"- 1050, 2001, 2102, 2195, 2302, and 3 credit hours in an elective course.

or"

Page 148, 2002-2003 University Calendar, under the heading Diploma in Geographic Information Sciences, immediately preceding "The Diploma Program is offered...." insert the following:

"The diploma program is offered by the Department of Geography to students registered in a Bachelor's program (General or Honours) at Memorial University. The diploma program is also offered to students who have completed a Bachelor's program at Memorial University or another recognized university. The Diploma Program...."

Following the heading Admission Requirements, immediately following the first paragraph, delete "To be considered...Mathematics 1050 and 1051."

Replace with:

"To be considered for admission to the Diploma in Geographic Information Sciences, students will normally have completed 24 credit hours, including the courses listed in a), b), and c), with an overall average of at least 65%.

- a) Geography 1050 or one 1000-level course in applicant's Bachelor's Major program.
- b) Mathematics 1000 or equivalent.
- c) Two 1000- or 2000-level core courses in student's Bachelor's Major program, excluding the courses listed in a) and b) above."

Page 148, 2002-2003 University Calendar, under the heading Diploma in Geographic Information Sciences, immediately preceding the subheading Program of Study, insert the following:

"CONTINUATION REQUIREMENTS

To be considered for the field placement courses Geography 4290 and 4919, the candidates for the Diploma in Geographic Information Sciences will normally have completed at least seven courses required for the program, with an overall average of 65%."

46.3 General Academic Regulations (Undergraduate): Regulation 7 EXAMINATIONS

A proposal dated 11 December 2002 was received from the Senate Committee on Undergraduate Studies recommending that the prohibition against administering or assigning tests, examinations or assignments in the last two weeks of the lecturing period in any semester or the last week of the lecturing period in any session as specified in Clause 7.1.3 be modified to make provision for exceptions to the rule. The Committee undertook a review of the regulation and sought the views of Academic Councils of

Faculties and Schools. With the exception of the School of Music and the School of Human Kinetics, Councils indicated that they were not in favour of lifting the prohibition against administering examinations in the last two weeks of the lecturing period in any semester or the last week of the lecturing period in any session. However, the Faculties of Arts and Science and the School of Social Work noted that exceptions to the general rule may be warranted.

Responses were taken into consideration from the Councils and the Committee concluded that the prohibition specified in Clause 7.1.3 should stand, however, the clause should be amended to make provision for exceptions to the rule.

The Committee recommended that the Clause 7.1.3 to be amended to read as follows:

"During the last two weeks of the lecturing period in any semester or the last week of the lecturing period in any session, no examinations or assignments, whether in-class or take home, shall be administered or assigned. However, assignments which students have been notified of under EVALUATION may be submitted and oral and laboratory examinations may be administered. The appropriate faculty or school undergraduate studies committee may, upon the recommendation of the head of an academic unit, grant a waiver of this clause with the proviso that the value of the examination or assignment permitted shall not exceed 20% of the final mark in the course. Such waivers will be considered only in exceptional circumstances or in the case of particular courses where it can be shown that the nature of the course determines the need for evaluation during the normally prohibited period. In the latter case, students must be notified of the method of evaluation in accordance with Regulation 6 EVALUATION. At the end of each semester, the Senate Committee on Undergraduate Studies must be notified of waivers granted".

A lengthy discussion then ensued surrounding the proposed Regulation 7, Examinations. It was suggested that while on the one hand, some academic units would find it cumbersome to report waivers to the clause because such waivers constitute the standard method of evaluation in the unit, other units would like to have early reporting of waivers to all other academic units made mandatory in the first two weeks of lectures in order to discuss with students in their courses the impact of such late evaluative devices. Other comments suggested that the regulation as amended may be difficult to interpret and hence may not serve the best interests of the University community. As a result, it was agreed to refer the proposed amendment back to the Senate Committee on Undergraduate Studies for further study.

46.4 Faculty of Education.

Page 288, 2002-2003 Calendar, following the heading Course Descriptions, delete the entry for 3618 in its entirety and replace with the following:

"3618. Nature of the Primary/Elementary School Child - Development. This course is intended to provide students with an awareness and understanding of the origins of many aspects of child behaviour and competence. While focusing on the development and

nature of the "normal" child, where appropriate, contrasts and comparisons will be made between the development of "normal" and "exceptional" individuals.

NOTE: Credit may be obtained for only one of Education 3618, 2250, 3615, 2610 or the former 3240."

Page 288, 2002-2003 Calendar, following the heading Course Descriptions, delete the following course title:

"3616. Nature of the Primary/Elementary School Child I (PE)."

Replace with:

"3619. Nature of Primary/Elementary School Child - Learning and Cognition."

Insert the following Prerequisite for this course as follows:

"Prerequisite: Education 3618."

Amend the *NOTE* to read as follows:

"NOTE: Credit may be obtained for only one of Education 3619, 3616, 2250 or 3615."

Page 279, 2002-2003 Calendar, following the heading Program Plan: Bachelor of Education (Primary/Elementary), amend subheading Education Semester One, to read as follows:

"EDUCATION SEMESTER ONE - FALL"

Amend the subheading Education Semester Two, to read as follows:

"EDUCATION SEMESTER TWO - WINTER"

Amend the subheading Education Semester Three: Professional Year Semester One, to read as follows:

"EDUCATION SEMESTER THREE - FALL
(PROFESSIONAL YEAR SEMESTER ONE)"

Amend the subheading Education Semester Four: Professional Year Semester Two, to read as follows:

"EDUCATION SEMESTER FOUR - WINTER
(PROFESSIONAL YEAR SEMESTER TWO)"

Amend the subheading Education Semester Five - Internship, to read as follows:

"EDUCATION SEMESTER FIVE - FALL"

Amend the subheading Education Semester Six , to read as follows:

"EDUCATION SEMESTER SIX* - WINTER"

Immediately following the table for Education Semester Six* - Winter, insert the following:

"*Students have the option of completing Semester Six courses in the Spring Semester following the Professional Year"

Immediately following the subheading Education Semester One, delete the table in its entirety and replace with the following:

Education 3618: Nature of the Primary/Elementary School Child - Development
Education 3951: Curriculum, Instruction and Assessment in the Primary/Elementary School I
HKR 2001: Introduction to Physical Education for Primary/Elementary Education Students
Two Non-Education Electives

Immediately following the subheading Education Semester Two, delete the table in its entirety and replace with the following:

Education 3484: Computers and Learning Resources for Primary/Elementary Teachers
Education 3619: Nature of the Primary/Elementary School Child - Learning and Cognition
Education 3952: Curriculum, Instruction and Assessment in the Primary/Elementary School II
Non-Education elective

Immediately following the subheading Education Semester Three: Professional Year Semester One, delete the table in its entirety and replace with the following:

Four Education courses from 3120, 3131, 3273, 3312, 3322, 3543, 3940, 3962 (to be determined by the Office of Undergraduate Student Services)
One Education course from clause 3.b)
Non-Credit Field Experience (five days)

Immediately following the subheading Education Semester Four: Professional Year Semester Two, delete the table in its entirety and replace with the following:

Four additional Education courses from 3120, 3131, 3273, 3312, 3322, 3543, 3940, 3962 (to be determined by the Office of Undergraduate Student Services)
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One additional Education course from clause 3.b)
--

Non-Credit Field Experience (five days)

Page 279, 2002-2003 Calendar, following the heading Bachelor of Education (Intermediate/Secondary), subheading Admission, amend clause 2)b)i. to read as follows:

"completed 36 credit hours in a subject listed under Academic Disciplines excepting Religious Studies in clause 3 below, and"

Page 281, 2002-2003 Calendar, following the heading Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma Technology Education, subheading Admission, in clause 3) delete "Religious Studies" from the list of academic disciplines.

Page 282, 2002-2003 Calendar, following the heading Regulations for the Degree of Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma in Technology Education, in clause 3)a)(ii) delete "4203" from the first sentence.

Page 278, 2002-2003 University Calendar, immediately following the heading Regulations for the Degree of Bachelor of Education (Primary/Elementary), insert note:

"1) Applicants who will have completed all requirements for admission by the end of the Spring Semester of the year that admission is being sought will be considered as time and resources permit."

Re-number current "1) and 2)" as "2) and 3)".

Page 281, 2002-2003 University Calendar, under the heading Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma in Technology Education, under the subheading Admission, under clause 3), delete the course list in its entirety and replace with the following:

"Biochemistry
Biology
Canadian Studies
Chemistry
Computer Science
Earth Sciences
Economics
English
Environmental Science
Folklore
French
Geography

History
Linguistics
Mathematics (Pure and Applied Mathematics, Statistics)
Newfoundland Studies
Physical Education*
Physics
Political Science
Theatre Arts
Visual Arts"

Page 278, 2002-2003 Calendar, under the heading Regulations for the Degree of Bachelor of Education (Primary/Elementary),

Delete:

"2)f) Physical Education 2000"

Replace with:

"2)f) HKR 2001"

Under the heading French Immersion Option, amend Clause a) i) to read as follows:

"a) i) at least 27...including French 3100 and 3101,"

Under Clause a), delete "iii)" and "iv)"

Delete:

Clause b) in its entirety and replace with the following:

"b) The Professional Year in a French milieu, including the equivalent of Education 4155 and Education 3050 to satisfy Clause 3) b.) above."

Page 288, 2002-2003 Calendar, under heading Course Descriptions, amend the prerequisite for Education 4362 to read as follows:

"Prerequisite: Completion of Professional Year"

Amend the prerequisite for Education 4383 to read as follows:

"Prerequisite: Completion of Professional Year"

Amend the prerequisite for Education 4425 to read as follows:

"Prerequisite: Completion of Professional Year or 405X"

47. Annual Report 2001-2002

The Annual Report (2001-2002) of the Senate Committee on Undergraduate Studies was received for information.

The Chair thanked Professor Walsh for the report of the Committee on Undergraduate Studies. He noted the importance of streamlining Senate procedures in order to permit more time for Senators to engage in strategic concerns as opposed to operational matters which should more appropriately be left to Senate Committees and to Academic Councils.

48. Report of the Academic Council of the School of Graduate Studies

Dr. M. Golfman presented the Report of the Academic Council of the School of Graduate Studies on behalf of Dr. C. Jablonski.

48.1 Computational Science Program

New course:

6930. Numerical Linear Algebra for High-Performance Computers

Page 495, 2002-2003 Calendar, under the heading Program of Study, delete item 4.(a) in its entirety and replace with the following:

"(a) The three core courses are: Computational Science 6910, Matrix Computations and Applications; Computational Science 6930, Numerical Algebra for High-Performance Computers; Mathematics 6210, Numerical Solution of Differential Equations. The other courses will normally be taken from the list of approved courses."

Under the heading Courses, immediately following The core courses are:

Delete:

"Computational Science 6910. Computing Systems (2 credit hours)
Computational Science 6920. Scientific Programming (3 credit hours)
Mathematics 6210. Numerical Algorithms
Computational Science 6990. Graduate Seminar (1 credit hour)"

Replace with the following:

"Computational Science 6910. Matrix Computations and Applications
Computational Science 6930. Numerical Linear Algebra for High- Performance Computers
Mathematics 6210. Numerical Solution of Differential Equations"

Under the heading Computational Science,

Delete:

"CMSC 6910. Computing Systems"

Replace with:

"CMSC 6910. Matrix Computations and Applications"

Delete:

"CMSC 6990. Graduate Seminar"

Insert:

"CMSC 6930. Numerical Linear Algebra for High-Performance Computers"

Under the heading Department of Mathematics and Statistics, delete "AM 6210. Numerical Algorithms (For Computational Science students only - required core course)" and replace with "AM 6210. Numerical Solution of Differential Equations (required course for Computational Science)"

48.2 Earth Sciences

New course:

"6172. Borehole Seismic"

48.3 School of Social Work

Page 502, 2002-2003 Calendar, under the heading Regulations Governing the Degree of Master of Social Work, delete Paragraph 4 in its entirety.

Immediately preceding Paragraph 2 insert the following new paragraph:

"The MSW may be completed by part-time or full-time study. Except for internships and the institute component of practice courses, courses are delivered by distance format, and not in a regular classroom format. "Distance delivery" includes course delivery using any or all of web-based format, traditional correspondence (readings packages, mailed assignments), and tele or videoconferencing."

Page 504, 2002-2003 Calendar, under the heading E) Course Format, delete Clause (i) in its entirety and replace with the following:

"(i) SW 6011, SW 6412, SW 6422, and social work electives will be offered by distance delivery; that is, **not in a regular classroom format.**"

Also, insert new Clause (v) as follows:

"(v) In exceptional circumstances, and contingent upon student numbers and school resources, additional course sections may be offered in a regular classroom format."

49. Report of the Timetable Committee

Dr. Mulligan reported that at a meeting of Senate held on April 9, 2002, it was agreed that the Timetable Committee be asked to prepare a motion for the consideration of Senate that the 1974/02/12 Senate Resolution be amended to formalize the practice of holding a study break between the end of lectures and the start of exams for the Fall and Winter Semesters. As a result, the Timetable Committee is now recommending the following:

That as of Fall Semester 2003:

Each Fall and Winter semester shall consist of:

- (i) at least twelve working Mondays, twelve working Tuesdays, and so forth;
- (ii) a mid-semester break of at least two weekdays, one of which may be a statutory holiday;
- (iii) a study break of at least two weekdays between the last day of classes and the start of examinations; and
- (iv) a formal examination period.

Each Spring Semester shall consist of:

- (i) at least twelve working Mondays, twelve working Tuesdays and so forth; the first half of Spring Semester is designated as Intersession and the second half is designated as Summer Session;
- (ii) a mid-semester break of at least two weekdays; and
- (iii) a formal examination period.

The motion to approve the amendment to the 1974/02/12 Senate Resolution which was moved by Dr. Mulligan and seconded by Mr. Collins, was unanimously carried.

50. Report of the Committee on Committees

It was moved by Dr. Gosine, seconded by Mr. Collins and carried that Ms. Louise Dawe replace Dr. Glyn George on the Committee on Senate Elections.

51. Remarks from the Chair - Questions/Comments from Senators

The following is a summary of the remarks made by the Chair:

- At a meeting of Senate held on May 14, 2002, Senate approved the awarding of the title President Emeritus upon Dr. Arthur May who served two terms as President of Memorial University of Newfoundland. Due to other commitments, Dr. May was unable to attend the 2002 Fall Convocation at which time a public announcement was scheduled to have been made. Dr. Meisen indicated that the University now plans to release a press announcement in time for the printing of the 2003-2004 University Calendar naming Dr. May as President Emeritus.
- The first group of students completed their first semester at the newly renovated Harlow campus. Professors Wolinetz and Hiller were the first to teach at the Harlow Campus on the theme "War, Reconstruction, and the European Union".
- The President remarked that recruitment efforts are continuously underway. Dr. Meisen reported that the Fall Semester 2002 registration figures show an increase of approximately 6% and Winter Semester 2003 registration preliminary figures show a similar increase over the same time last year. He reminded Senators that the increase was achieved despite the continuing decline in our high school leaving population. He emphasized also the need for recruiting more Canadian and international students particularly where there is capacity. In that regard, the President noted that under the leadership of Dr. Collins and Dr. Simpson, recruitment efforts are focused on rural Newfoundland and Labrador and efforts are underway in Ontario, the rest of Canada as well as internationally. The President and Dr. Collins visited China and noted that there are good prospects in that area. They will both be traveling to the Middle East in the next few days.
- A reception for new faculty was held on January 6, 2003. The President noted that some new faculty members appear to be under the impression that the University administration is emphasizing research possibly at the expense of teaching and he requested that Senators reinforce the notion that both activities are desirable.
- In the John Molson International MBA Case Competition, recently held at Concordia University, the MBA students were semi-finalists for the 14th time in the 22 year history of the competition and were able to claim fourth spot overall from the 30 teams. In the MBA games, held at McMaster, the MUN team finished sixth overall and were given the Spirit Award. In the Intercollegiate Business Competition (ICBC) for undergraduate students, held at Queen's, the Debating team finished first, with the Marketing and Accounting teams finishing second and the Ethics team finishing third. Finance was in the final round, but did not place in the top three.
- The President indicated that his address to the Wessex Society on January 8, 2003 regarding the future of the University with an emphasis on innovation in the cultural society, was well received.

•On January 10, 2003, the President met with members of the Liberal Caucus at the AAU meeting and discussed replacement funding for the Atlantic Innovation Fund with particular emphasis on funding for the Humanities.

Ms. Eddy commented that while diversity in the student body is needed at the University, it is very important that we are able to serve the social as well as the academic needs of international students. The President responded that Dr. Walker is aware that we need services in the student life area as part of our recruitment and retention strategy.

53. ADJOURNMENT

The meeting adjourned at 5:40 p.m.