

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
SENATE

The regular meeting of Senate was held on February 13, 2007 at 4:00 p.m. in Room E5004, Education Building.

81. PRESENT

The President, Dr. E. Campbell, Dr. C. Loomis, Dr. J. Ashton, Dr. S. Birnie-Lefcovitch, Mr. G. Blackwood, Dr. M. Bluehardt, Dr. D. Dibbon (on behalf of Dr. A. Collins), Mr. G. Collins, Dr. T. Gordon, Dean G. Gorman, Dean R. Gosine, Dr. L. Hensman, Dean C. Jablonski, Dr. S. LeFort, Dean R. Lucas, Dean J. Rourke, Dean R. Tremblay, Ms. D. Whalen, Mr. E. Andrews, Mr. C. Clarke, Ms. B. Conran, Dr. M. Daneshtalab, Dr. D. Foster, Dr. G. George, Dr. J. Harris, Dr. O. Janzen, Dr. D. Kimberley, Professor V. Kuester, Dr. D. McKay, Dr. W. Okshevsky, Dr. J. Quaicoe, Professor G. Riser, Professor W. Schipper, Dr. C. Sharpe, Dr. P. Trnka, Dr. D. Tulett, Professor D. Walsh, Dr. J. Whitehead, Dr. P. Wilson, Dr. J. Wright, Ms. J. Allen, Mr. A. Hollett.

Dr. Meisen opened the meeting by extending a special welcome to Mr. Carl Clarke, the newly elected member from the Marine Institute.

82. APOLOGIES FOR ABSENCE

Apologies were received from Dean A. Collins, Dr. R. Adamec, Dr. G. Clark, Ms. L. Goddard, Dr. R. Helleur, Dr. L. Hermanutz, Dr. S. Kenney, Dr. F. King, Dr. D. Pike, Dr. C. Popadiuk, Ms. K. Greenfield, Ms. K. Giroux-Bougard.

83. MINUTES

The Minutes of the special and regular meetings held on January 9, 2007 were taken as read and confirmed.

REPORT OF THE EXECUTIVE COMMITTEE OF SENATE

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

CONSENT AGENDA

At the request of Dr. McKay, the Chair suggested a re-ordering of the regular agenda so that Agenda Item 8, Faculty of Medicine, could be moved to precede Agenda Item 4, Report of the Senate Committee on Undergraduate Studies. Senate concurred with this request.

Consent Agenda Item 2.D. was moved from the Consent Agenda to the Regular Agenda at the request of Dr. Tulett.

At the request of Dr. Jablonski, Consent Agenda Item 3.D., Department of Anthropology, was withdrawn.

84. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

84.1 School of Pharmacy

Page 368, 2006-2007 Calendar, under the heading 2.2 Registration as a Pharmacy Student, delete current entry and replace with the following:

“A student must be registered as a “Pharmacy Student” with the Newfoundland and Labrador Pharmacy Board. A student must be registered by September 30th of each academic year. As well, a student must be registered as a “Pharmacy Student” with the respective provincial or territorial licensing body prior to the commencement of Structured Practice Experiences. A student who fails to meet the requirements for licensing may be required to withdraw from the program.”

84.2 School of Music

Page 224, 2006-2007 Calendar, under the heading 8 Interdisciplinary Major in Drama and Music (Bachelor of Arts), amend 8.1.a. to read as follows:

“Two of Music 2011, 2012, 2014”

Page 224, 2006-2007 Calendar, under the heading 9 Interdisciplinary Minor in Music and Culture, amend 9.2.e. to read as follows:

“One of Music 2011, 2014, Music 3017/Folklore 3200, Music 3018/Folklore 3618”

Page 164, 2006-2007 Calendar, under the heading 6.7 Drama and Music, clause 2.b.i., delete “Music 2011 and 2012 ” and replace with “two of Music 2011, 2012, 2014” and delete “Two (2) credit hours of large ensemble, chosen from Music 2611-2616 ” and replace with “Two (2) credit hours of conducted ensemble”.

Page 219, 2006-2007 Calendar, under the heading 2 Registration in Music Courses (Non-Music Students), change the second list of courses to read as follows:

“The following ensemble courses are available to non-music students with appropriate background, subject to the approval of the instructor:

Music 2611
Music 2612
Music 2613
Music 2614
Music 2615
Music 2616
Music 2617
Music 2618
Music 263A/B
Music 265A/B ”

School of Music (cont'd)

Page 219, 2006-2007 Calendar, under the heading 4 Bachelor of Music Degree: Admission and Academic Standards, delete regulation 17 and replace with the following:

“17. The active participation in School of Music ensembles is an integral part of a music student’s education. One must be present at rehearsal and performances to have participated in the learning experience. Furthermore, the success of the ensemble as a whole is dependent upon the regular attendance and participation of all members in the ensemble. Accordingly, attendance will be required in the following courses: Music 2611-2618, Music 263A/B, Music 265A/B, Music 3510-3518.”

Page 221, 2006-2007 Calendar, under the heading 5.2 Core Program, delete entry and replace with the following:

“All Bachelor of Music students, regardless of major, must complete the following courses (51-53 credit hours):

1. **Applied Music (8 cr. hrs.):** 140A/B, 240A/B.
2. **Ensemble Music (9-11 cr. hrs.):**
 - a. 2 cr. hrs. of 2611 or 2612.
 - b. 6-8 cr. hrs. of designated principal ensemble (see Ensemble Definitions).
 - c. 1 cr. hr. of Music 3517 or 3518.

Note: Some ensemble courses may be used to fulfill more than one of the listed ensemble requirements.
3. **Music History (12 cr. hrs.):** 1002, 1003, 2002, 2003.
4. **Music Theory (22 cr. hrs.):**
 - a. **Written Theory:** 1107, 1108, 2107, 2108, 3107.
 - b. **Aural Skills:** 1117, 1118, 2117, 2118, 3117.
 - c. **Keyboard Harmony:** 1127 or 1137, 1128 or 1138, 2127 or 2137, 2128 or 2138.

Ensemble Definitions

Conducted ensembles are those which normally assign more than one to a part and include Music 2611, Music 2612, Music 2613, Music 2614, Music 263A/B.

Coached ensembles are those which normally assign one to a part and include Music 2615, Music 2616-18, Music 265A/B, Music 3510-13, Music 3514, Music 3515-16, Music 3517, Music 3518.

Designated principal ensemble: At the time of admission, students will be assigned between 6 and 8 credit hours of designated principal ensemble. Normally, these will be the conducted ensembles which most closely relate to their principal applied study. Students may be assigned a combination of conducted or coached ensembles as their designated principal ensembles. Students must register for courses from their designated principal ensembles each semester and are not permitted to change the designated principal ensembles without the permission of the Director.

The remaining credits required for the degree are determined according to the student’s major, as below.”

School of Music (cont'd)

Page 221, 2006-2007 Calendar, under the heading 5.3 Performance Major, replace the opening statement with: "To be awarded the degree of Bachelor of Music in Performance, a candidate shall comply with the School's regulations, and successfully complete a minimum of 124 credit hours, including 51-53 credit hours in the Core Program. The remaining 71-73 credit hours will be chosen as follows:".

Delete "5.3.2" including the note and renumber the remaining.

Replace the current "5.3.4" with "Six credit hours of coached ensemble".

Replace the opening sentence of "5.3.5" with "Twenty-six to twenty-eight additional credit hours from music courses beyond the 1000 level and meeting the following requirements:".

Replace the current "5.3.5.c." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.3.5.d." with "Credit will not be given for more than 16 credit hours of coached ensemble toward the Bachelor of Music degree."

Delete the current "5.3.5.e." and renumber "5.f."

Page 222, 2006-2007 Calendar, under the heading 5.4 General Musical Studies Major, replace the opening statement with: "To be awarded the degree of Bachelor of Music in General Musical Studies, a candidate shall comply with the School's regulations, and successfully complete a minimum of 123 credit hours, including 51-53 credit hours in the Core Program. The remaining 70-72 credit hours will be chosen as follows:".

Delete "5.4.2" including the note and renumber the remaining.

Replace the current "5.4.4" with "Three credit hours chosen from Music 3510-3516, 3751."

Replace the current "5.4.5" with "An additional 56 to 58 credit hours to be chosen according to either Option A or Option B below:".

Page 222, 2006-2007 Calendar, under the heading 5.4.1 Option A (With Minor), replace 5.4.1.1 with "An additional 17 to 19 credit hours chosen from music courses beyond the 1000-level and meeting the following requirements:".

Replace the current "5.4.1.1.c." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.4.1.1.d." with "Credit will not be given for more than 8 credit hours of coached ensemble toward the Bachelor of Music degree."

Page 222, 2006-2007 Calendar, under the heading 5.4.2 Option B (No Minor), replace 5.4.2.1 with "An additional 32 to 34 credit hours chosen from music courses beyond the 1000 level and meeting the following requirements:".

School of Music (cont'd)

Replace the current "5.4.2.1.c." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.4.2.1.d." with "Credit will not be given for more than 8 credit hours of coached ensemble toward the Bachelor of Music degree."

Page 222, 2006-2007 Calendar, under the heading 5.5 Conjoint Degrees Program: Bachelor of Music and Bachelor of Music Education, replace the opening statement with: "To be awarded the Conjoint Degrees of Bachelor of Music and Bachelor of Music Education, a candidate shall comply with the School's regulations, and successfully complete a minimum of 159 credit hours, including 51-53 credit hours in the Core Program. The remaining 106-108 credit hours will be chosen as follows:".

Delete "5.5.2" including the note and renumber the remaining.

Replace the current "5.5.6" with "Eight to ten additional credit hours chosen from music courses beyond the 1000 level and meeting the following requirements."

Replace the current "5.5.6.a." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music/Bachelor of Music Education degrees."

Replace the current "5.5.6.c." with "Credit will not be given for more than 8 credits of coached ensemble toward the Bachelor of Music/Bachelor of Music Education degrees."

Page 223, 2006-2007 Calendar, under the heading 5.6 Theory and Composition Major, replace the opening statement with "To be awarded the degree of Bachelor of Music in Theory and Composition, a candidate shall comply with the School's regulations, and successfully complete a minimum of 124 credit hours, including 51-53 credit hours in the Core Program. The remaining 71-73 credit hours will be chosen as follows:".

Delete "5.6.2" including the note and renumber the remaining.

Replace the current "5.6.7" with "Eight to ten additional credit hours chosen from music courses beyond the 1000 level and meeting the following requirements:".

Replace the current "5.6.7.a." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.6.7.b." with "Credit will not be given for more than 8 credit hours of coached ensemble toward the Bachelor of Music degree."

Page 223, 2006-2007 Calendar, under the heading 5.7 History and Literature of Music Major, replace the opening statement with "To be awarded the degree of Bachelor of Music in History and Literature, a candidate shall comply with the School's regulations, and successfully complete a minimum of 123 credit hours, including 51-53 credit hours in the Core Program. The remaining 70-72 credit hours will be chosen as follows:".

School of Music (cont'd)

Delete "5.7.2." including the note and renumber the remaining.

Replace the current "5.7.7" with "Fourteen to sixteen additional credit hours chosen from music courses beyond the 1000 level and meeting the following requirements:".

Replace the current "5.7.7.a." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.7.7.b." with "Credit will not be given for more than 8 credit hours of coached ensemble toward the Bachelor of Music degree."

Page 223, 2006-2007 Calendar, under the heading 5.8 Joint Major in Music Performance and History and Literature of Music, replace the opening statement with "To be awarded the degree of Bachelor of Music with joint major in Music Performance and History and Literature of Music, a candidate shall comply with the School's regulations, and successfully complete a minimum of 124 credit hours, including 51-53 credit hours in the Core Program. The remaining 71-73 credit hours will be chosen as follows:".

Delete "5.8.2" including the note and renumber the remaining.

Replace the current "5.8.5." with "Six credit hours of coached ensemble."

Replace the current "5.8.6" with "Twenty to twenty-two additional credit hours chosen from music courses beyond the 1000 level. Of these:".

Replace the current "5.8.6.b." with "Credit will not be given for more than 14 credit hours of conducted ensemble toward the Bachelor of Music degree."

Replace the current "5.8.6.c." with "Credit will not be given for more than 16 credit hours of coached ensemble toward the Bachelor of Music degree."

Delete the current "5.8.6.d. and renumber "6.e.".

Page 224, 2006-2007 Calendar, under the heading 5.9 Joint Major in Music Performance and Theory and Composition, replace the opening statement with "To be awarded the degree of Bachelor of Music with joint major in Performance and Theory and Composition, a candidate shall comply with the School's regulations, and successfully complete a minimum of 125-127 credit hours, including 51-53 credit hours in the Core Program. The remaining 73 credit hours will be chosen as follows:".

Delete "5.9.2" including the note and renumber the remaining.

Replace the current "5.9.5" with "Six credit hours of coached ensemble."

Page 224, 2006-2007 Calendar, under the heading 8 Interdisciplinary Major in Drama and Music (Bachelor of Arts), delete 8.1.f. and replace with 8.1.f. "Two credit hours of conducted ensemble."

School of Music (cont'd)

Page 225, 2006-2007 Calendar, under the heading 10.1 Applied Music Courses, amend the note to read as follows:

“Note: With the exception of Music 2611-2618, 263A/B and 265A/B courses in applied music are available only to candidates for the degree of Bachelor of Music.”

Delete Music 140A/B and replace with the following:

“140A/B Principal Applied Study I (4 cr. hrs.) requires one hour per week of individual instruction (vocal or instrumental). Required attendance at School of Music recitals.”

Delete Music 141A/B.

Delete Music 240A/B and replace with the following:

“240A/B Principal Applied Study II (4 cr. hrs.) is a continuation of Music 140A/B. One hour per week of individual instruction (vocal or instrumental). Required attendance at School of Music recitals.
Prerequisite: Music 140A/B.”

Delete Music 241A/B.

New Courses

2617 Opera Workshop (2 cr. hrs. per semester. Maximum: 16 cr. hrs.) requires six hours rehearsal per week. Attendance is required.

2618 Opera Workshop (3 cr. hrs. per semester. Maximum: 24 cr. hrs.) requires nine hours rehearsal per week. Attendance is required.

263A/B Chamber Orchestra (1 cr. hr. per two semesters. Maximum: 4 cr. hrs.) requires 15 hours of rehearsal per semester. Attendance is required.

265A/B Jazz Ensemble (1 cr. hr. per two semesters. Maximum: 4 cr. hrs.) requires 15 hours of rehearsal per semester. Attendance is required.

Note: Music 2611-265A/B are available for credit to any student who successfully auditions for participation in the ensemble. To audition, please contact the instructor or the School of Music office before the beginning of the semester.

These courses are not applicable as electives under the Bachelor of Arts program.

Students in the Faculty of Education should consult the Office of Student Services in the Faculty of Education regarding applicability of these courses to their degree.”

Delete Music 340A/B and replace with the following:

School of Music (cont'd)

“340A/B Principal Applied Study III (4 cr. hrs.) is a continuation of Music 240A/B, for students whose Major is other than Performance. One hour per week of individual instruction. Required attendance at School of Music recitals.

Prerequisites: Music 240A/B and successful completion of Music 1003, 1108, 1118 AND 1128 or 1138.

Note: Students may not receive credit for both Music 340A/B and 345A/B.”

Delete Music 345A/B and replace with the following:

“345A/B Principal Applied Study III - Performance (6 cr. hrs.) is a continuation of Music 240A/B. A more intensive approach to performance than in Music 340A/B. Open to Performance Majors only. One hour per week of individual instruction. Required attendance at School of Music recitals. Students are required to present a public recital consisting of 25 to 35 minutes of music to be given before the last day of classes in the second semester of the course.

Prerequisites: Music 240A/B and successful completion of Music 1003, 1108, 1118 AND 1128 or 1138.

Note: Students may not receive credit for both Music 340A/B and 345A/B.”

Delete Music 346A/B.

Delete Music 3510 and replace with the following:

“3510 Introduction to Chamber Music (3 cr. hrs.) is a study of selected chamber music repertoire from the Renaissance to the present day. Ensembles will be organized to give performances. Attendance is required.”

Delete Music 3511, 3512 and 3513 and replace with the following:

“3511 Chamber Music (1 cr. hr. per semester. Maximum: 8 cr. hrs.) requires the ensemble to prepare and perform a recital of 10-15 minutes of music. Each ensemble receives six hours of coaching in preparation for the performance. Repertoire to be performed must be approved prior to registration. Attendance is required.

Prerequisite: Music 3510 and permission of the Director.

3512 Chamber Music (2 cr. hrs. per semester. Maximum: 12 cr. hrs.) requires the ensemble to prepare and perform a recital of 18-22 minutes of music. Each ensemble receives nine hours of coaching in preparation for the performance. Repertoire to be performed must be approved prior to registration. Attendance is required.

Prerequisite: Music 3510 and permission of the Director.

3513 Chamber Music (3 cr. hrs. per semester. Maximum: 18 cr. hrs.) requires the ensemble to prepare and perform a recital of 25-30 minutes of music. Each ensemble receives twelve hours of coaching in preparation for the performance. Repertoire to be performed must be approved prior to registration. Attendance is required.

Prerequisite: Music 3510 and permission of the Director.”

School of Music (cont'd)

Delete Music 3516 and replace with the following:

“3516 Accompaniment (2 cr. hrs. per semester. Maximum: 8 cr. hrs) requires students to meet for one hour per week in a masterclass. Coaching will be given to prepare for performance of a half-hour program with a singer or instrumentalist. Repertoire must be approved prior to registration. Normally offered in the winter semester only. Open to students whose principal applied study is a keyboard instrument; others by permission of the Director. Attendance is required.”

New courses

3517 World Music Ensemble (1 cr. hr. per semester. Maximum: 6 cr. hrs.) is a coached ensemble activity exploring one or more world music repertoires. 2 hours of rehearsal per week. Attendance is required.

3518 Contemporary Music/Improvisation Ensemble (1 cr. hr. per semester. Maximum: 6 cr. hrs.) is a coached activity exploring improvisation and/or contemporary repertoire for mixed ensembles. 2 hours of rehearsal per week. Attendance is required.

Continue as per 2006-2007 Calendar, page 225-226.

Page 225, 2006-2007 Calendar, under the heading 10.1 Applied Music Courses, delete the course description for Music 440A/B and replace with the following:

“440A/B Principal Applied Study IV (4 cr. hrs.) is a continuation of Music 340A/B, for students whose major is other than Performance. One hour per week of individual instruction. Required attendance at School of Music recitals.

Prerequisites: Music 340A/B and successful completion of Music 2003, 2108, 2118 AND 2128 or 2138.

Note: Students may not receive credit for both Music 440A/B and 445A/B.”

Delete the course description for Music 445A/B and replace with the following:

“445A/B Principal Applied Study IV - Performance (6 cr. hrs.) is a continuation of Music 345A/B. Open to Performance Majors only. One hour per week of individual instruction. Required attendance at School of Music recitals. Students are required to present a public recital consisting of 50 to 60 minutes of music with program notes. This recital will normally take place in the second semester, before the last day of classes. A minimum grade of 75% is required to pass Music 445B.

Prerequisites: Music 345A/B and successful completion of Music 2003, 2108, 2118 AND 2128 or 2138.

Note: Students may not receive credit for both Music 440A/B and 445A/B.”

Delete Music 446A/B.

Page 43, 2006-2007 Calendar, under the heading 1.3.1 Undergraduate Students (other than Medical Students), in clause 3, delete “Music 141A, 141B, 241A, 241B, 346A, 346B, 446A and 446B (per course): \$454”.

School of Music (cont'd)

In clause 4, delete "Music 141A, 141B, 241A, 241B, 346A, 346B, 446A and 446B (per course): \$1,573.31".

84.3 School of Human Kinetics and Recreation

Page 328, 2006-2007 Calendar, under the heading 5.2.3 Probationary (A) Promotion, amend the second bullet to read as follows:

"A student with Probationary (A) Promotion ... required components of each course have been successfully completed. Academic ... in a failing grade."

Add a new third bullet and make the current third bullet now the fourth bullet as follows:

"To change Probationary (A) Promotion to Clear Promotion, a student must successfully complete the activity course(s), with a minimum grade of 60%, **within one academic year** of the date on which the original grade(s) of Incomplete was (were) recorded."

Page 329, 2006-2007 Calendar, under the heading 9 Course Descriptions, in the course description for HKR 2585 delete "CR: the former HKR and RECR 3585".

Page 329, 2006-2007 Calendar, under the heading 8.2 HKR Courses, delete the courses 2410, 2505, 2545, 3002, 3310, 3505, 3515, 3525 and 3545.

Add the following new course to the list:

"4330 Social Psychology of Sport, Physical Activity and Recreation"

Page 323, 2006-2007 Calendar, under the heading 4.3 Bachelor of Recreation (Co-operative), in Table 4 Bachelor of Recreation (Co-operative), for the "Winter Academic Term 2", "Required Courses", delete "Business 2000 or".

Page 327, 2006-2007 Calendar, under the heading 4.6 Bachelor of Recreation, in Table 8 Bachelor of Recreation - Course and Credit Hour Requirements, amend the first column to read as follows:

"Courses Required for Application

English 1080

English 1110 or equivalent

Mathematics 1050 and 1051, or Mathematics 1090 and 1000

Three credit hours from non-HKR courses"

Amend the second row in the second column to read as follows:

"Electives

12 credit hours in HKR courses other than those listed under **Required Courses**"

Page 61, 2006-2007 Calendar, under the heading 4.8.5 Incomplete Grades, add the following sentence at the end of clause 2:

School of Human Kinetics and Recreation (cont'd)

“Students registered in one of HKR 2210, 2220, 3210, 3220, 4210 or 4220 may be given an extension not exceeding three semesters, by the Academic Council of the School of Human Kinetics and Recreation.”

84.4 Department of Biochemistry

Page 253, 2006-2007 Calendar, under the heading 5.1.3 Biochemistry Program, subheading 5.1.3.1 Major in Biochemistry, delete clause “1(d)” in its entirety and replace with the following:

“d) Physics 1050, 1051 (or Physics 1020, 1021), or Biology 1001, 1002”

Under the subheading 5.1.3.2 Honours Degree in Biochemistry, amend the note to read as follows:

“NOTES: 1) *Majors who take ...*”

Insert the following new note:

“2) *For the purposes of a Honours Degree in Biochemistry, Medicine 310A and 310B count as Biochemistry courses.*”

Under the subheading 5.1.5.3 Major in Dietetics, amend the note to read as follows:

“NOTES: 1) *Students who choose to complete ...*”

Insert the following new note:

“2) *For the purposes of a Biochemistry (Dietetics) degree, Medicine 310A and 310B count as Biochemistry courses.*”

Page 253, 2006-2007 Calendar, under the subheading 5.1.3.2 Honours Degree in Biochemistry, at the end of the first paragraph, add the following new sentence and clause 1):

“Honours students would normally follow the Biochemistry Majors program before applying to honours, and must meet its admissions requirements as follows:

1. To be considered for admission to the majors program prior to admission to honours, students must have at least 30 credit hours in courses and have successfully completed the following courses (or their equivalents) with a minimum overall average of 60%. In addition, students must be eligible for entry to Chemistry 2400.
 - a) English 1080, 1110 (or equivalent)
 - b) Chemistry 1050, 1051 (or Chemistry 1010, 1011, or 1201, 1001)
 - c) Mathematics 1000, 1001 (or Mathematics 1090, 1000)
 - d) Physics 1050, 1051 (or Physics 1020, 1021) or Biology 1001, 1002”

Department of Biochemistry (cont'd)

Renumber the current clauses "1., 2. and 3." as "2., 3. and 4."

Page 254, 2006-2007 Calendar, under the heading 5.1.4.2 Honours Degree in Nutrition, delete the entry in its entirety and replace with the following:

"Students normally should apply for an Honours program at the completion of their third year of studies. Honours students would normally follow the Biochemistry (Nutrition) Majors program before applying to honours, and must meet its admissions requirements as follows:

1. To be considered for admission to the majors program prior to admission to honours, students must have at least 30 credit hours in courses and have successfully completed the following courses (or their equivalents) with a minimum overall average of 60%:
 - a) English 1080, 1110 (or equivalent)
 - b) Chemistry 1050, 1051 (or Chemistry 1010, 1011, or 1201, 1001)
 - c) Mathematics 1090, 1000 (or Mathematics 1000 and one elective)
 - d) Biology 1001, 1002 or Physics 1020, 1021 (or equivalent)
2. To be eligible for admission to the honours program, students must be in Honours standing. To be considered for early admission to an Honours program in Nutrition at the end of second year, students must have achieved at least 70% in each of their required 2000 level Biochemistry and Chemistry courses.
3. Required courses:
 - a) Biochemistry 2000, 2100, 2101, 3106, 3107, 3200, 3201, 3202, 3402, 4002, 4300, 4301, 4502, Medicine 310A, 310B.
 - b) Nine additional credit hours chosen from Biochemistry 3105, 3108, 4101, 4103, 4104, 4105, 4200, 4201, 4210, 4211, 4220, 4400, Biology 3050.
 - c) Either Biochemistry 499 A/B or 4999 plus an additional 3 credit hours 4000 level Biochemistry course.
 - d) Biology 1001 and 1002; and Physics 1020 and 1021 (or equivalent), for those students who did not complete them in first year.
 - e) Chemistry 2440 (or Chemistry 2400, 2401).
 - f) Statistics 2550 or equivalent.
4. Students are encouraged to choose a minor.
5. Those courses in which the grades specified in clause 6.a. of the Regulations for the Honours Degree of Bachelor of Science are 60 credit hours chosen from Biochemistry courses and Biology 3050.

NOTES: 1) Students who choose to complete Chemistry 2400/2401 are advised to take the appropriate prerequisites for those courses.

Department of Biochemistry (cont'd)

- 2) *For the purposes of a Biochemistry (Nutrition) Honours degree, Medicine 310A and 310B count as Biochemistry courses.*

Under the heading 5.1.5 Professional Program in Dietetics, delete the note in its entirety and replace with the following:

“Important Note: The Department of Biochemistry does not expect to admit students to the Dietetics program for Fall 2008. Further information on the status of the program can be obtained from the department.”

Under the heading 5.1.6 Course List, delete the prerequisites for course “3402 Food Chemistry” in their entirety and replace with the following:

“Prerequisites: Biochemistry 2000, 2101, and either Chemistry 2440 or Chemistry 2401.”

Page 253, 2006-2007 Calendar, under the heading 5.1.3 Biochemistry, subheading 5.1.3.1 Major in Biochemistry, delete clause “1.b.” in its entirety and replace with the following:

“b. Chemistry 1050, 1051 (or Chemistry 1010, 1011 or 1201, 1001)”

Under the heading 5.1.4. Nutrition Program, subheading 5.1.4.1 Major in Nutrition, delete clause “1.b.” in its entirety and replace with the following:

“b. Chemistry 1050, 1051 (or Chemistry 1010, 1011 or 1201, 1001).”

Delete clause “1.d.” in its entirety and replace with the following:

“d. Biology 1001, 1002 or Physics 1020, 1021 (or equivalent).”

Delete clause “2.d.” in its entirety and replace with the following:

“d. Chemistry 2440 (or Chemistry 2400, 2401).”

Under the heading 5.1.5 Professional Program in Dietetics, subheading 5.1.5.1 Admission to Dietetics, delete clause “2.a.” in its entirety and replace with the following:

“a. Chemistry 1050, 1051 (or Chemistry 1010, 1011 or 1201, 1001)”

84.5 Department of Biology

Page 259, 2006-2007 Calendar, under the heading 5.2.7 Course List, amend the prerequisites for course “3709” as follows:

“Prerequisites: Biology 2600; Statistics 2550 ...”

Amend the prerequisites for course “4650” as follows:

“Prerequisites: 30 credit hours in either Biology or Geography.”

84.6 Department of Computer Science

Page 107, 2006-2007 Calendar, under the heading 10.7 Computer Science, delete the prerequisites for course “2801” in their entirety and replace with the following:

“Prerequisite: Level III Advanced Mathematics or Mathematics 1000 (which can be taken concurrently) or Mathematics 1090 (or equivalent).”

Page 264, 2006-2007 Calendar, under the heading 5.4 Computer Science, subheading 5.4.1 Programs in Computer Science, amend clause “9.” as follows:

“Computer Science/Geography Joint Major (B.Sc. only)”

Amend clause “13.” as follows:

“Computer Science/Geography Joint Honours (B.Sc. only)”

Page 232, 2006-2007 Calendar, under the heading 3 Joint Programs, amend “3.10” as follows:

“Joint Honours ... Geography (B.Sc. only)”

Amend “3.23” as follows:

“Joint Major ... Geography (B.Sc. only)”

Page 245, 2006-2007 Calendar, amend the heading 3.10 Joint Honours in Computer Science and Geography as follows:

“Joint Honours ... Geography (B.Sc. only)”

Page 248, 2006-2007, amend the heading 3.23 Joint Major in Computer Science and Geography as follows:

“Joint Major ... Geography (B.Sc. only)”

Page 264, 2006-2007 Calendar, under the heading 5.4 Computer Science, subheading 5.4.5 Computer Industry Internship Option (CIIO), delete the section in its entirety and replace with the following:

“5.4.5 Computer Industry Internship Option (CIIO):

The CIIO provides an opportunity for qualified students to obtain rewarding placements that help them develop practical skills in a real work setting before graduation. The CIIO is available to Computer Science Majors (B.Sc. and B.Sc. Honours only) who will typically apply between their third and fourth year of studies.

Requirements:

In order to be eligible for the CIIO, an applicant must:

Department of Computer Science (cont'd)

1. Be a declared Computer Science Major.
2. Have successfully completed Computer Science 1710, Computer Science 2710, Computer Science 2711, Computer Science 2742, Computer Science 2760, Computer Science 3716, and any two other core 3000-level computer science courses.
3. Have at least one computer science course left to complete after the internship.
4. Admission to the CIO is also subject to academic performance.

Internship duration:

Subject to the availability of job openings, a student may choose either an 8, 12 or 16 consecutive month internship period.

Internship guidelines:

- Internship employment is normally organized by the Internship Co-ordinator (hereafter referred to as the Co-ordinator); however, students who have been accepted to the CIO may also obtain their own internship placements. All placements are subject to the approval of the Co-ordinator and of the Head of the Department of Computer Science.
- Students who have applied to the internship program give permission to the Co-ordinator to supply prospective employers with copies of their resume.
- After being placed with an employer, students are not permitted to drop their internship without prior approval from the Co-ordinator and the Head of the Department of Computer Science. Students who drop an internship without permission, who fail to honour an agreement to work with an employer, or who conduct themselves in such a manner as to cause their discharge from the placements, will normally be awarded a fail grade for the internship period and may not be permitted to reapply.

*Note: Students should also refer to the **General Academic Regulations (Undergraduate)**.*

Expectation of work

Within a month of starting the internship, students are required to submit a plan of intended work for the internship. They are also required to submit a progress report due the last day of classes of each semester in which they are working. The plan of intended work and progress reports are to be submitted to the Co-ordinator.

At the end of the internship period, students are required to submit a final report which will include a description of their internship projects and activities as well as their original objectives and accomplishments. The final report is to be submitted to the Co-ordinator by the last day of classes of the semester in question.

Department of Computer Science (cont'd)

Registration, Assessment of Performance, and Assignment of Grades

Students must register for the course Computer Science 3700 every semester during their internship.

Computer Science 3700 is a non-credit course open only to students who have been accepted into the Internship Program.

During the internship, the employer and intern will complete student performance evaluations every four months and will submit them to the Co-ordinator. The final assessment of total work performed is the responsibility of the Co-ordinator, and will be based upon both input from the employer and the intern's final report.

At the end of the internship, each intern will be assigned one of the following grades after the final assessment of their performance:

1. *Pass with Distinction*: Indicates EXCELLENT PERFORMANCE in both the work report and work performance.
2. *Pass*: Indicates that PERFORMANCE MEETS EXPECTATIONS in both the work report and the work performance.
3. *Fail*: Indicates FAILING PERFORMANCE in the work report or the work performance.

Also, the following will be noted in the transcript of the intern:

Requirements for the Computer Industry Internship Option have been completed. Internship Duration: - months.

A grade of NC (No Credit) for Computer Science 3700 will be awarded in all semesters of the Internship Option prior to the final Semester.

CIIO and Honours Program

In case a student is enrolled in both the Honours program and the CIIO, the requirements of both must be met. Upon approval from the honours project supervisor, with the Department, the employer and the head of the Department of Computer Science, an internship project may be submitted as a component of an honours project. These arrangements must be made within the first semester of the Internship placement."

Page 267, 2006-2007 Calendar, under the heading 5.4.11 Course List, subheading 5.4.11.1 First Year Courses, delete the note for course "1510." (as approved by Senate on September 12, 2006) in its entirety and replace with the following:

- Notes: 1) Students can receive credit for only one of Computer Science 1510 or Computer Science 2602.*
- 2) *Students who have received credit for the former Applied Mathematics 2120 cannot receive credit for Computer Science 1510."*

Department of Computer Science (cont'd)

Page 267, 2006-2007 Calendar, under the heading 5.4.11.2 Second Year Courses, add the following new course:

“2500 Data Analysis with Scripting Languages (F) & (W) introduces the use of scripting languages to solve common data analysis tasks. The control structures and expressions of the language are first discussed. Script solution to storing/retrieving data sets, searching data sets, and performing numeric and statistical calculation are covered. Plotting and visualization for data sets are also presented.

Prerequisite: Computer Science 1510 or Computer Science 1700 or Computer Science 1710 or Computer Science 2602 (or equivalent).”

Delete Computer Science 2602 and replace with the following:

“2602 Computer Programming in FORTRAN (F) is a study of algorithmic problem solving and structured programming techniques; the Fortran programming language and its application to computer solutions of scientific problems; numeric and non-numeric problems are examined with emphasis on code modularity and reusability of the components.

Prerequisite: Mathematics 1000.

Note: Students who have received credit for the former Computer Science 2600, or the former 2601, or the former 2800 cannot receive credit for Computer Science 2602.”

Delete Computer Science 2650 and replace with the following:

“2650 Problem-Solving with Personal Computers (F) & (W) is an overview of tools and techniques that current computer technology offers in a PC based networked environment. The emphases are on conceptual understanding of the software, from exploring capabilities of the existing software tools to learning methods of extending these capabilities. The key topics include problem-solving strategies, visual programming, macro-language operations, object linking and embedding, digital communication, and developing interactive web pages. The course has a practical flavour. In structured laboratory sessions, students gain proficiency in using personal computers for solving common problems.

Prerequisite: Level III Advanced Mathematics or Mathematics 1000 (which can be taken concurrently) or Mathematics 1090 (or equivalent).

Note: Students can receive credit for only one of Computer Science 1600, Computer Science 2650, Computer Science 2801, or Business 2700.”

Amend the prerequisite and note in Computer Science 2801 to read as follows:

“Prerequisite: Level III Advanced Mathematics or Mathematics 1000 (which can be taken concurrently) or Mathematics 1090 (or equivalent).

Note: Students can receive credit for only one of Computer Science 1600, Computer Science 2650, Computer Science 2801, or Business 2700.”

Delete Computer Science 3711.

Delete Computer Science 3719 and replace with the following:

Department of Computer Science (cont'd)

“3719 Theory of Computation and Algorithms (F) & (W) is an introduction to formal algorithmic problem solving. Various algorithm design techniques that sometimes yield efficient solutions are studied. Deterministic and nondeterministic machines (finite state automata, pushdown automata and Turing machines) are discussed and used to efficiently solve problems such as the String Matching Problem, the parsing of Context-free Languages, and to introduce the theory of NP-completeness. In addition, Turing machines are used to prove the unsolvability of certain problems. Tractable, intractable and undecidable problems are contrasted. Basic issues related to parallelization are discussed as well.

Prerequisites: Computer Science 2711 and Pure Mathematics 2320.

Note: Credit cannot be obtained for both Computer Science 3719 and the former Computer Science 3711. Credit cannot be obtained for both Computer Science 3719 and the former Computer Science 3740.”

Amend the course title of Computer Science 3731 to read “Introduction to Scientific Computing (W)” and amend the prerequisite to read as follows:

“Prerequisites: Mathematics 2000 and 2050, and one of Computer Science 2602 or Computer Science 2710.”

Delete Computer Science 3740.

Page 268, 2006-2007 Calendar, under the heading 5.4.11.4 Fourth Year Courses, amend the prerequisite of Computer Science 4711 to read as follows:

“Prerequisites: Computer Science 3719 and Computer Science 3724.”

Amend the prerequisite of Computer Science 4712 to read as follows:

“Prerequisites: Computer Science 3719 and Computer Science 3724.”

Delete Computer Science 4718 and replace with the following:

“4718 Survey of Software Engineering (F) surveys the major topics of software engineering. Areas covered include: requirements capture, system design and design approaches, verification and validation (including formal methods and testing), and management of the software development process. Prerequisite: Computer Science 3716.”

Delete Computer Science 4721 and replace with the following:

“4721 Operating Systems (W) studies the design and implementation of an operating system’s kernel. The main components used in operating system implementations include: context switches, process management, memory management, interprocess communication, file systems and system calls. The data structures and algorithms used in implementing the above components are studied. The different architectural styles of kernel implementation are also considered. Real-time operating systems are also discussed. Prerequisite: Computer Science 3725.”

Department of Computer Science (cont'd)

New course

4740 Design and Analysis of Algorithms (W) will give an overview of techniques for the design of efficient optimal-solution and heuristic algorithms. It will include an introduction to various advanced data structures for set and string processing that are used to further optimize algorithm efficiency.

Prerequisite: Computer Science 3719.

Delete Computer Science 4741 and replace with the following:

“4741 Formal Languages and Computability (F) is an in-depth study of various types of formal machines and their associated languages. Effective computability and other formalisms, such as lambda calculus will be studied as well.

Prerequisite: Computer Science 3719.

Note: Students can receive credit for only one of the former Computer Science 3740 or Computer Science 4741.”

New course

4743 Graph Algorithms and Combinatorial Optimization (W) discusses classical problems in combinatorial optimization and graph algorithms, including matching, colorability, independent sets, isomorphism, network flows and scheduling. Special families of graphs are discussed and algorithms that would otherwise be NP-hard or complete are shown to be polynomial time when restricted to such families.

Prerequisite: Computer Science 3719.

Amend the prerequisite of Computer Science 4759 to read as follows:

“Prerequisites: Computer Science 3715 and Computer Science 3725.”

84.7 Department of Mathematics and Statistics

Page 247, 2006-2007 Calendar, under the heading 3.19 Pure Mathematics/Statistics Joint Honours, in clause 2, delete “Applied Mathematics 2120” and replace with “Computer Science 1510”.

Page 248, 2006-2007 Calendar, under the heading 3.25 Joint Major in Pure Mathematics and Economics (B.Sc. Only), in clause 2, delete “Applied Mathematics 2120” and replace with “Computer Science 1510”.

Page 248, 2006-2007 Calendar, under the heading 3.27 Joint Major in Applied Mathematics and Economics (B.Sc. Only), in clause 3, delete “Applied Mathematics 2120” and replace with “Computer Science 1510”.

Page 249, 2006-2007 Calendar, under the heading 3.28 Joint Major in Applied Mathematics and Physics (B.Sc. Only), in clause 3, delete “Applied Mathematics 2120” and replace with “Computer Science 1510”.

Page 276, 2006-2007 Calendar, under the heading 5.8.5 Major in Applied Mathematics (B.Sc. Only), in clause 3, delete “Applied Mathematics 2120” and replace with “Computer Science 1510”.

Department of Mathematics and Statistics (cont'd)

Page 276, 2006-2007 Calendar, under the heading 5.8.6 Major in Pure Mathematics, in clause 5, delete "Applied Mathematics 2120" and replace with "Computer Science 1510".

Page 276, 2006-2007 Calendar, under the heading 5.8.8 Honours in Applied Mathematics (B.Sc. Only), in clause 2, delete "Applied Mathematics 2120" and replace with "Computer Science 1510".

Page 276, 2006-2007 Calendar, under the heading 5.8.9 Honours in Pure Mathematics, in clause 5, delete "Applied Mathematics 2120" and replace with "Computer Science 1510".

Page 277, 2006-2007 Calendar, under the heading 5.8.13.3 Applied Mathematics Courses, delete the course Applied Mathematics 2120.

Delete the prerequisite for Applied Mathematics 2130 and replace with the following:

"Prerequisite: Mathematics 1001 and (Computer Science 1510 or 1710 or 2710 or 2602 or permission of the Head of Department)."

Page 275, 2006-2007 Calendar, under the heading 5.8.3 Faculty Advisors, delete the first paragraph and replace with the following with the note remaining as is:

"Normally, the Undergraduate Officer will be the advisor for each student who have undertaken a major in Applied or Pure Mathematics, and the Deputy Head (Statistics) will be the advisor for any student involved in a major in Statistics. Students should consult with their advisor at least once each semester to ensure that their choice of courses is appropriate."

Page 277, 2006-2007 Calendar, under the heading 5.8.13.3 Applied Mathematics Courses, amend the prerequisite of Applied Mathematics 3100 to read as follows:

"Prerequisite: Applied Mathematics/Pure Mathematics 3260."

Amend the prerequisite of Applied Mathematics 3132 to read as follows:

"Prerequisites: Mathematics 3000 or Applied Mathematics/Pure Mathematics 3260, and a computing course (Computer Science 1510 is recommended)."

Amend the prerequisite of Applied Mathematics 4190 to read as follows:

"Prerequisites: Applied Mathematics 3100, Applied Mathematics 3161, Applied Mathematics 4160, and a technical writing course offered by a Science department (Applied Mathematics 2130 is recommended)."

Amend the prerequisite of Pure Mathematics 3300 to read as follows:

"Prerequisite: Pure Mathematics 2320."

Department of Mathematics and Statistics (cont'd)

Page 249, 2006-2007 Calendar, under the heading 3.28 Joint Major in Applied Mathematics and Physics (B.Sc. Only), delete the entry and replace with the following:

“Required course for this degree are:

1. English 1080 and English 1110 (or equivalent).
2. A computing course. Computer Science 1510 is recommended.
3. Six credit hours in science other than Mathematics or Physics (if Computer Science is chosen then Computer Science 1510 may be counted as 3 of these hours).
4. Mathematics 1000, 1001, 2000, 2050, 2051, 3000, 3001. Applied Mathematics/Pure Mathematics 3202, 3260, Applied Mathematics 3132.
5. At least one of Applied Mathematics 2130 or Pure Mathematics 2320.
6. Physics 1050 (or 1020), 1051, 2053, 2055, 2750 (or 2056), 2820, 3220, 3400, 3500, 3750.
7. Applied Mathematics 3161 or Physics 3820.
8. At least fifteen additional credit hours chosen from Applied Mathematics and Physics courses numbered 3000 or above. At least three hours are required from Applied Mathematics and six hours are required from Physics.
9. A writing course. Any one of Applied Mathematics 2130, Physics 3900, Applied Mathematics 4199, or Physics 490A/B is acceptable.

The last requirement does not have to be met independently of the other regulations. For example, it can be satisfied either by choosing Applied Mathematics 2130 from requirement 5 or choosing Physics 3900 as a 3000+ elective in requirement 8.”

Page 247, 2006-2007 Calendar, under the heading 3.20 Applied Mathematics/Physics Joint Honours, delete the entry and replace with the following:

“The following courses are required:

1. English 1080 and English 1110 (or equivalent)
2. A computing course. Computer Science 1510 is recommended.
3. Six credit hours in a science other than Mathematics or Physics (if Computer Science is chosen then Computer Science 1510 may be counted as three of these hours)
4. Mathematics 1000, 1001, 2000, 2050, 2051, 3000, 3001, Applied Mathematics/Pure Mathematics 3202, 3210, 3260, Applied Mathematics 3132
5. At least one of Applied Mathematics 2130 or Pure Mathematics 2320
6. Physics 1050 (or 1020), 1051, 2053, 2055, 2750 (or 2056), 2820, 3220, 3230, 3400, 3500, 3750
7. Three additional credit hours chosen from courses numbered 3000 or higher that are offered by the Department of Physics and Physical Oceanography
8. Applied Mathematics 3161 and Applied Mathematics 4160, or Physics 3820 and Physics 3821
9. Physics 490A/B, or Applied Mathematics 4199 plus another three credit hour Applied Mathematics course numbered 4000 or higher.

Department of Mathematics and Statistics (cont'd)

10. Twelve additional credit hours chosen from courses numbered 4000 or higher that are offered by the Department of Mathematics and Statistics or the Department of Physics and Physical Oceanography. At least three credit hours must be selected in each of Applied Mathematics and Physics.
11. A sufficient number of elective courses to bring the degree to a total of 120 credit hours.

The topic for the Honours project or thesis, Applied Mathematics 4199 or Physics 490A/B must be chosen with the prior approval of both departments.”

Page 251, 2006-2007 Calendar, under the heading 3.34 Physics/Applied Mathematics and Physics/Chemistry Option Programs, amend the heading and entry to read as follows:

“3.34 Physics/Chemistry Option Programs

Students who follow the five-year Physics/Chemistry Joint Honours Program of courses outlined above either as Honours students or otherwise and who satisfy all relevant course regulations except those on Academic Standing for the Honours Degree of Bachelor of Science shall receive on their University records a notation that they followed the “Physics/Chemistry” Option Programs.

Students who intend to follow a joint degree program are strongly recommended to consult the Head of the Department or delegate at their earliest opportunity to ensure proper planning of their course sequence.”

84.8 Department of Physics and Physical Oceanography

Page 283, 2006-2007 Calendar, under the heading 5.9.7 Course List, amend the course title of Physics 2053 to read as follows:

“2053 Fluids and Thermal Physics (F)”

Amend the course title of Physics 2055 to read as follows:

“2055 Electricity and Magnetism (W)”

Amend the course title of Physics 2750 to read as follows:

“2750 Modern Physics (F)”

Page 241, 2006-2007 Calendar, under the heading 2.4 Regulations for the Honours Degree of Bachelor of Science, add immediately following Note 2 of clause 2.b.:

“Note 3: For the Environmental Physics Program, the courses shall be those specified in the program.”

Department of Physics and Physical Oceanography (cont'd)

Page 282, 2006-2007 Calendar, under the heading 5.9.6 Honours in Environmental Physics, insert the following paragraph at the end of the section:

“Those courses in which a grade of “B” or better or an average of 75% or higher are required, as specified in Clause 6.a. of the Regulations for the Honours Degree of Bachelor of Science, are 45 credit hours in Physics courses, and 15 credit hours in other courses (beyond the 1000 level) selected from the specified program courses in Earth Sciences, Geography and Biology.”

84.9 Department of Earth Sciences

Page 272, 2006-2007 Calendar, under the heading 5.5.8.2 Second Year, in Earth Sciences 2905, add the following as the third note:

“3. Attendance for all of the field school days is required. Failure to attend may result in a failing grade or withdrawal from the course.”

Page 272, 2006-2007 Calendar, under the heading 5.5.8.3 Third Year, in Earth Sciences 3905, delete the note and replace with the following:

“Notes:

1. This course will be given during a special session immediately following the winter semester examination period. Students are advised to complete this course immediately following Earth Sciences 2401. Entry is by application to the Head of the Department (or delegate) only.

2. Attendance for all of the field school days is required. Failure to attend may result in a failing grade or withdrawal from the course.”

Page 273, 2006-2007 Calendar, under the heading 5.5.8.4 Fourth Year, amend Earth Sciences 499A and 499B as follows:

“499A and 499B Dissertation is a 6 credit hour ... permission of the Head. The first semester will normally involve directed reading, supervised field and/or laboratory work, and preparation of a dissertation outline and draft of a first chapter of the thesis. The second semester will be devoted to data synthesis and interpretation, to a seminar presenting the thesis results, and to preparation of a formal written report accompanied by appropriate illustrations, to be submitted for grading one week before the end of classes.”

Page 272, 2006-2007 Calendar, under the heading 5.5.8.2 Second Year, delete Earth Sciences 2031 and replace with the following:

“2031 Mineralogy and Petrography (W) examines the optical and chemical properties of rock-forming minerals, the petrography and classification of igneous and metamorphic rocks and applications of relevant phase equilibria to the study of minerals. Laboratory work comprises optical mineralogy and petrography of igneous and metamorphic rocks.

Prerequisites: Earth Sciences 2030 and 2502.

Note: Credit cannot be obtained for both Earth Sciences 203A/B and one or both of Earth Sciences 2030 and 2031.”

Department of Earth Sciences (cont'd)

Page 273, 2006-2007 Calendar, under the heading 5.5.8.4 Fourth Year, amend the course title of Earth Sciences 4700 to read: “**4700 Facies Models and Sequence Stratigraphy**”, and amend the note to read as follows:

“Note: Because of the several full-day field trips (usually on Thursday) and to avoid timetable conflicts, students are strongly advised not to take courses outside the department that have contact hours on the same day at the laboratories in this course.”

84.10 Department of Psychology

New courses

4462 Human Memory surveys theories and research about how humans remember information and why they forget. Topics include research on sensory memory, short-term working memory, amnesia, forgetting, memory development, and semantic memory as well as practical issues such as how to improve memory.

Prerequisite: Psychology 3450.

4402 Selected Topics in Cognitive Science provides an in-depth examination of current issues in cognitive science from a psychological perspective.

Prerequisites: 2 courses from Psychology 3050, 3250, 3350, 3450, 3801.

Page 287, 2006-2007 Calendar, under the heading 5.10.9.1 Non-Restricted Courses, delete Psychology 2610 and replace with the following:

“2610 Personality is a review of the research and theory pertaining to a psychological understanding of human personality.

Prerequisites: Psychology 1000 and 1001.

Note: Credit may not be obtained for both Psychology 2610 and any of the following: Psychology 3620, Psychology 2625, the former Psychology 2620.”

In the course description of Psychology 2810, delete “(formerly 2500)” and amend the note to read as follows:

“Note: Credit may not be obtained for both Psychology 2810 and any of the following: Psychology 3801, Psychology 2825, the former Psychology 2850.”

In the course description of Psychology 3430, delete “(formerly 2430)”.

In the course description of Psychology 3533, delete “(formerly 3300)”.

In the course description of Psychology 3640, delete “(formerly 3600)”.

Amend the course description of Psychology 4810 to read as follows:

“4810 Human Neuropsychology covers clinical ... from brain damage or disease from the perspective of current knowledge ... function in non-humans will be discussed.

Prerequisite: One of Psychology 2810, 3800 or 3801 (formerly 2850).”

Department of Psychology (cont'd)

Amend the prerequisite of Psychology 4661 to read as follows:

“Prerequisite: Psychology 3650, or all of 2520, 2570, 2911 and 3640.”

Page 287, 2006-2007 Calendar, under the heading 5.10.9.2 Majors Courses, delete Psychology 4870 and replace with the following:

“**4870 Neuroscience Research** allows students to gain research experience in selected areas of neuroscience.

Prerequisites: Psychology 2520, 2570, 2911, and either 3800 or 3801.”

Page 286, 2006-2007 Calendar, under the heading 5.10.6 Requirements for a Major in Behavioural Neuroscience (B.Sc. Only), delete the entry and replace with the following:

“A program is offered in the Psychology Department to provide an education in Behavioural Neuroscience. Students wishing to enroll in the program are advised to consult with the Head of the Department at the earliest opportunity. Students who intend to pursue graduate studies should take courses leading to the Honours degree.

The program for a Major in Behavioural Neuroscience shall include:

1.
 - a. Psychology 1000, 1001, 2520, 2570, 2910, 2911, 3800, 3801
 - b. Six credit hours in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750.
 - c. Six credit hours of 4000 level courses in Psychology, of which one must be a research experience course.
2.
 - a. Mathematics 1000 (or equivalent) and 1001
 - b. Chemistry 1010 and 1011 (or 1050 and 1051), and 2440 (or 2400/2401)
 - c. Physics 1020 (or 1050) and 1021 (or 1051)
 - d. Biology 1001, 1002
 - e. English 1080 and one of 1101, 1102, 1103, or 1110, or equivalents.
3. Eighteen credit hours from the following courses chosen from at least three different sciences:
 - a. Biochemistry: Any 2000-, 3000-, or 4000-level course except 2000, 2010, 2011, 3202, 3402, or 4502
 - b. Biology: 2060, 2210, 2250, 2900, 3050, 3160, 3202, 3295, 3401, 3500, 3530, 3540, 3750, 4200, 4241, 4245, 4250, 4402, 4450, 4601, 4605, 4701, 4900 (see note below)
 - c. Chemistry: 2210, 2300 or any 3000 or 4000 level course
 - d. Computer Science: Any 2000, 3000, or 4000 level course except 2650 and 2801
 - e. Mathematics: 2000, 2050, 2051, 3000, 3001 or any 3000 or 4000 level pure or applied mathematics course
 - f. Physics: Any 2000, 3000, or 4000 level course except 2151, 3150, 3151

Department of Psychology (cont'd)

*Notes: 1. Credit may not be obtained for both Biology 3750 and either Psychology 3750, or for both Biology 4701 and Psychology 4701.
2. The courses listed under Clause 3 may have prerequisites. It is the student's responsibility to ensure that all prerequisites have been met, or that waivers have been obtained, before registering for these courses.*"

Page 286, 2006-2007 Calendar, under the heading 5.10.7 Requirements for Honours in Behavioural Neuroscience (B.Sc. Only), amend clause 1 to read as follows:

"1. Honours students in Behavioural Neuroscience are required to complete the following Psychology courses: 1000, 1001, 2520, 2570, 2910, 2911, 3800, 3801, 3900, 499A/B, two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; two 4000 level courses in Psychology of which one must be a research experience course."

Page 243, 2006-2007 Calendar, under the heading 3.1 Biochemistry (Nutrition)/Psychology (Behavioural Neuroscience) Joint Honours, amend clause 3 as follows:

"3. Psychology 1000, 1001, 2520, 2570, 2910, 2911, 3800, 3801, 3900; two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; two 4000 level courses in Psychology of which one must be a research experience course."

Page 243, 2006-2007 Calendar, under the heading 3.2 Biochemistry/Psychology (Behavioural Neuroscience) Joint Honours, amend clause 3 to read as follows:

"3. Psychology 1000, 1001, 2520, 2570, 2910, 2911, 3800, 3801, 3900, two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; two 4000 level courses in Psychology of which one must be a research experience course."

Page 245, 2006-2007 Calendar, under the heading 3.8 Biology/Psychology (Behavioural Neuroscience) Joint Honours, amend clause 2 to read as follows:

"2. Psychology 1000, 1001, 2520, 2570, 2910, 2911, 3800, 3801, 3900; two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; two 4000 level courses in Psychology of which one must be a research experience course."

84.11 Department of Mathematics and Statistics

Page 279, 2006-2007 Calendar, under the heading 5.8.13.5 Statistics Courses, amend the note for Statistics 2500 to read as follows:

"Note: Credit can be obtained for only one of Statistics 2500, 2510, 2550, Psychology 2910, 2925, and the former 2900. Statistical ... assumed."

Department of Mathematics and Statistics (cont'd)

Amend the note for Statistics 2501 to read as follows:

“Note: Credit can be obtained for only one of Statistics 2501, 2560, the former 2511, Psychology 2911, 2950, and the former 2901. Statistical ... laboratory.”

Amend the note for Statistics 2510 to read as follows:

“Note: Credit can be obtained for only one of Statistics 2500, 2510, 2550, Psychology 2910, 2925, the former 2900, Engineering 3423 and 4421. Normally ... fall.”

Amend the note for Statistics 2550 to read as follows:

“Note: Credit can be obtained for only one of Statistics 2500, 2510, 2550, Psychology 2910, 2925, and the former 2900. Statistical ... assumed.”

Amend the note for Statistics 2560 to read as follows:

“Note: Credit can be obtained for only one of Statistics 2501, 2560, the former 2511, Psychology 2911, 2950, and the former 2901. Statistical ... assumed.”

Amend the note for Statistics 3520 to read as follows:

“Note: Credit can be obtained for only one of Statistics 3520, Psychology 3900 and 3950.”

84.12 Degree Regulations for the Bachelor of Arts

Page 146, 2006-2007 Calendar, under the heading 2.1 Regulations for the General Degree of Bachelor of Arts, clause 2, under the subheading Distribution of Humanities, Social Science, and Science, in the section Science, add “**” after the word Geography.

Page 148, 2006-2007 Calendar, under the heading 2.2 Admission to Programs in the Faculty of Arts, modify the second sentence of the second paragraph to read as follows:

“In most cases, this declaration may be made at the time of application to the University or, following admission to the University, by means of the Declaration/Change of Academic Program Form, which must be submitted to the Office of the Registrar.”

Modify the third paragraph to read as follows:

“Students are encouraged to declare their Major and their Minor (or second Major) no later than the semester in which they next attend the University following completion of 18 credit hours in courses applicable to their program(s).”

84.13 Department of Religious Studies

Page 208, 2006-2007 Calendar, delete section 6.25.1.3 Concentration in Religious Studies (Bachelor of Education Primary/Elementary).

84.14 Department of French and Spanish

New Courses

Italian 2000 Italian Language and Culture (Intermediate Level) I. Work in reading, oral comprehension, speaking and writing. Lectures and Language Laboratory.

Prerequisite: Italian 1001

Italian 2001 Italian Language and Culture (Intermediate Level) II. Work in reading, oral comprehension, speaking and writing. Lectures and Language Laboratory.

Prerequisite: Italian 2000

84.15 Department of Linguistics

New Courses

3210 Language Variation and Change. This course provides a thorough grounding in the methods and theory underlying current approaches to language variation and change.

Prerequisite: LING 2210 (Language of Newfoundland and Labrador) or third-year standing or permission of the instructor.

3951 Language Endangerment and Revitalization. This course provides an introduction to the key issues surrounding the discussion of endangered languages. Causes, consequences, and efforts to reverse the process of decline (language revitalization or maintenance) are examined through consideration of case studies from around the world. Theoretical models developed to evaluate the current status and future prospects of endangered languages are also considered. The course is likely to include substantial discussion of the situation in Canada and the USA.

Page 198, 2006-2007 Calendar, under the heading 6.18.1 General Degree, amend clause 3 to read as follows:

“3. Students majoring in Linguistics must complete 36 credit hours in Linguistics, which must include the six courses numbered 1103/2103, 1104/2104, 3000, 3100, 3201, 3500, plus 18 credit hours in courses chosen from 1100/2100, 2025-2060, 2105, 2210, 2700-2720, 3104, 3105, 3155, 3210, 3212, 3310, 3850, 3950-3960, 4010-4091, 4100, 4110, 4150, 4201, 4210, 4350, 4400, 4500, 4700, 4950-4960. Of these 18 credit hours, 9 must be at the 4000 level.”

Page 198, 2006-2007 Calendar, under the heading 6.18.2 Honours and Joint Honours Degrees, amend clause 2 to read as follows:

Department of Linguistics (cont'd)

“2. An Honours degree in Linguistics must include 60 credit hours in Linguistics courses of which the following are required: 1103/2103, 1104/2104, 2210, 3000, 3100, 3104, 3201, 3500, 3850, 4100 (and/or 4110), 4201, 4999, and at least one of 4010-4091, 4150, 4210, 4350, 4400, 4500, 4700, 4950-4960. Students should choose courses in consultation with their Honours Essay supervisor, to ensure ...”

Page 198, 2006-2007 Calendar, under the heading 6.18.3 Minor Programs, amend clause 1.c. to read as follows:

“c. An additional 4 courses selected from: 1100/2100, 2025-2060, 2105, 2210, 2700-2720, 3105, 3150, 3155, 3210, 3212 or 3220, 3310, 3950-3960, 4010-4091, 4100, 4110, 4150, 4201, 4210, 4310, 4350, 4400, 4500, 4700, 4950-4960.”

Amend clause 1.i. to read as follows:

“i. Courses Recommended for Potential Speech Language Pathologists (choose 24 credit hours from the following):
Linguistics 1100/2100, 1103/2103, 1104/2104, 2210, 3000, 3100, 3104, 3155, 3201, 3210, 3500, 3850, 4150, and 4700.
The above list is intended for those who plan ...”

Amend clause 1.iii. to read as follows:

“iii. Courses Recommended for English Linguistics (choose 24 credit hours from the following):
Linguistics/English 2400, Linguistics/English 2401, Linguistics 1100/2100, 1103/2103, 1104/2104, 2210, 3000, 3100, 3104, 3105, 3155, 3201, 3210, 3212, 3500, 3850, 4100, 4110, 4210, Linguistics/English 4403, 4420, 4421.”

Amend clause 1.iv. to read as follows:

“iv. Courses Recommended for Potential Teachers in Native and Northern Schools (choose 24 credit hours from the following):
Linguistics 2060, a course on the structure of a Native Language of Canada (available in the series 1530-2023 or 4050-4059), plus Linguistics 1100/2100, 1103/2103, 1104/2104, 2210, 3000, 3100, 3104, 3105, 3150, 3155, 3201, 3500, 3850, 4150.”

New Courses

2704 Introduction to Japanese III

2705 Introduction to Japanese IV

2706 Introduction to Japanese V

3210 Language Variation and Change will provide a thorough grounding in the methods and theory underlying current approaches to language variation and change.

Prerequisites: Linguistics 2210, or third-year standing, or permission of the instructor.

Department of Linguistics (cont'd)

Page 199, 2006-2007 Calendar, under the heading 6.18.4 Course Descriptions, in Linguistics 3212, delete “Linguistics 2210 or Women’s Studies 2000 are recommended.” and replace with the following:

“Prerequisite: Linguistics 2210 or Women’s Studies 2000 are recommended.”

Amend Linguistics 3950-3960 to read as follows:

“3950-3960 (excluding 3951) Special Topics in Linguistics”

New Course

3951 Language Endangerment and Revitalization

Amend the prerequisite of Linguistics 4050-4054 to read as follows:

“Prerequisites: Linguistics 1103/2103 and 1104/2104, or the permission of the instructor and the Head of the Department.”

Amend the course title of Linguistics 4055-4059 to read “**4055-4059 Linguistic Structure of an Uncommonly Taught Language**” and amend the prerequisite to read as follows:

“Prerequisites: Linguistics 1103/2103 and 1104/2104, or the permission of the instructor and the Head of the Department.”

84.16 Department of Classics

Page 161, 2006-2007 Calendar, under the heading 6.5.1 Programs and Regulations, amend paragraph to read as follows:

“Programs of the Department of Classics are designed to acquaint students with the ancient Greek and Roman cultures from which Western Civilization has developed. The Department endeavours to instruct with and utilize the full range of evidence available, including texts in Greek and Latin as well as material culture. Furthermore, it is understood that a degree of access can often be achieved by studying antiquity through translated sources. The Department therefore is committed to offering a wide range of courses and programs designed to explore the many aspects of the discipline.”

Page 161, 2006-2007 Calendar, under the heading 6.5.2.1 Major in Classics, delete entry and replace with the following:

“Candidates for a Major in Classics are advised to choose their program in consultation with the Department.

The major program consists of a minimum of 39 credit hours in Classics courses in accordance with the following:

- i. Either Classics 1120 and 1121 or Classics 1130 and 1131
- ii. At least 15 credit hours must be at the 3000 level or above
- iii. An additional 18 credit hours at any level. With the exception of first year language courses, no more than two 1000-level courses may be counted towards the major.”

Department of Classics (cont'd)

Delete the section 6.5.2.2 Major in Greek and Roman Studies.

84.17 Department of History

New Course

2760 An Introduction to Women's Gendered History. Providing an introduction to gender studies in history, this course examines women's experience in the Western past with a view to complexities sometimes missed. It takes the gendering of history as a means to explore the significance of historical understanding in the ways in which we come to know the world.

84.18 Women's Studies Minor Program

Page 216, 2006-2007 Calendar, under the heading 6.28.2 Course List, under the subheading Elective Courses, add "History 2760".

84.19 Canadian Studies Major Program

Page 161, 2006-2007 Calendar, under the heading 6.4 Canadian Studies, in clause 2.c., add "Geography 3701" and delete "Folklore 3930".

84.20 Department of Geography

Page 178, 2006-2007 Calendar, under the heading 6.11.3 Course List, delete "Geography 3410".

Page 193, 2006-2007 Calendar, under the heading 6.15.2.3 Russian Studies Minor, in clause 1, delete "Geography 3420".

Page 202, 2006-2007 Calendar, under the heading 6.21.1 Regulations, in clause 1.a., delete "Geography 3490".

In Clause 1.b., delete "Geography 4301".

Page 188, 2006-2007 Calendar, under the heading 6.14.8 Course Descriptions, amend Geography 3405 to read as follows:

"3405 Canada is a study of the regional ... encouraged to take both.
Prerequisites: Geography 2001, 2102 ... Head of the Department.
"Note: Credit may not be obtained for both Geography 3405 and the former Geography 2400."

Delete Geography 3510 and replace with the following:

"3510 Geography of the Seas is an introductory course in marine science and management treating the world's oceans as a geographic unit. The course covers basic physical, geological and biological marine science and applications of basic science to management issues facing the oceans today. Prerequisites: Geography 2102, 2425 or permission of instructor."

Department of Geography (cont'd)

Delete the following Geography courses: 2405, 2460, 2490, 3215, 3321, 3410, 3415, 3420, 3450, 3480, 3490, 3500, 4000, 4005, 4130, 4170, 4241, 4262, 4291, 4301, 4390, 4690.

84.21 Department of Sociology

Page 212, 2006-2007 Calendar, under the heading 6.26.3 General Information and Prerequisites, delete the entry and replace with the following:

“Credit is not given for both Sociology 1000 and 2000. Sociology 1000 (or the former 2000) and 6 additional credit hours in Sociology courses at the 2000-level are prerequisites for all 3000-level courses in Sociology. Sociology 3040, Sociology 3150 and 3 additional credit hours in Sociology courses at the 3000-level are prerequisites for all 4000-level courses in Sociology.”

Page 212, 2006-2007 Calendar, under the heading 6.26.4 Major, amend clause 1 to read as follows:

“1. Sociology Option: Students wishing to Major in Sociology must complete Sociology 1000 (or the former 2000), Sociology 3040, Sociology 3150, Sociology 3160, and at least ... at the 3000 and 4000 levels.”

Page 212, 2006-2007 Calendar, under the heading 6.26.7 Course List, delete Sociology 2000.

Delete Sociology 1000 and replace with the following:

“**1000 Introduction to Sociology** (formerly Sociology 2000) is an introduction to the concepts, principles, and topics of Sociology. This course is a prerequisite to most departmental courses.”

New Course

3130 Sociology of Gambling. An introduction to the social, economic, and cultural aspects of modern gambling, including the impact of problem gambling on individuals, their families, and society at large.

Prerequisites: Students registering for this course should have completed Sociology 1000 (or the former Sociology 2000) and one Sociology course at the 2000 level.

Amend the title of Sociology 3160 to read “**Contemporary Social Theory**”.

Amend Sociology 4200-4220 (excluding 4204) to read “**4200-4220 (excluding 4204 and 4213)**”.

New Course

4213 Sociology of Sexuality explores the socially constructed nature of sexuality, and examines how concepts of sexuality are used in the current North American context as well as across different times and cultures. The course explores sex and sexuality in connection to community and identity, social problems, social control, and political resistance.

84.22 Department of German and Russian

Page 191, 2006-2007 Calendar, under the heading 6.15.1.6 Course List, amend German 4802-4811 to read “4802-4825”.

Page 192, 2006-2007 Calendar, under the heading 6.15.2 Russian, add the following new Russian course:

“3023 Post-Soviet Russia: Media and Film. Liberated from communist ideology following the collapse of the Soviet Union, Russian film-makers refused to construct a bright future. Instead they portrayed the reality surrounding them for the first time without ideological constraints. Visual media will be examined with attention paid to the embedded cultural discourse that can only be understood with references to Russian history, language, and cultural identity. These explorations, in turn, will raise certain questions about visual media in post-Soviet society.”

Page 178, 2006-2007 Calendar, under the heading 6.11.3 Course List, add “Russian 3023” to the listing.

Page 191, 2006-2007 Calendar, under the heading 6.15.1.1 General Degree, amend paragraph to read as follows:

“All candidates who did not matriculate in German will begin their study with Elementary German 1 (1000) or equivalent.”

Page 191, 2006-2007 Calendar, under the heading 6.15.1.2 German Language and Literature Major Program, amend section to read as follows:

“Candidates majoring in German must comply with the **UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate)** and arrange their program in consultation with the Head of the Department. Students majoring in German may choose from three streams: literature, cultural studies, or business and commerce streams. The choice of stream will determine the courses required for a major. It is highly desirable that, during their course of study, all students majoring in German spend at least one semester of study in a German-speaking country.

Major Streams

Candidates Majoring in German (literature stream) will normally be required to complete a minimum of 36 credit hours in German including at least 24 credit hours in the following courses or their equivalents: 1000, 1001, 2010, 2011, 3010, 3011, 3900 and 3901. Exceptional students may be extended an invitation to participate in a graduate level seminar.

Department of German and Russian (cont'd)

Suggested Course Pattern for the Literature Stream

First-Year	Second-Year	Third-Year	Fourth-Year
1000 1001	2010 2011 Recommended 3912 3913 Or other electives	3010 3011 3900 3901 Recommended two 3 credit hour electives	

Candidates Majoring in German (cultural studies stream) will normally be required to complete a minimum of 36 credit hours in German, including at least 24 credit hours in the following courses or their equivalents: 1000, 1001, 2010, 2011, 2900, 2901, 3010, and 3011. Exceptional students may be extended an invitation to participate in a graduate level seminar.

Suggested Course Pattern for the Cultural Studies Stream

First-Year	Second-Year	Third-Year	Fourth-Year
1000 1001	2010 2011 2900 2901	3010 3011 Recommended four 3 credit hour electives	

Candidates Majoring in German (business and commerce stream) will normally be required to complete a minimum of 36 credit hours in German, including at least 24 credit hours in the following courses or their equivalents: 1002, 1003, 2010, 2011, 2012, 3010, 3011, and 3902. The candidate will be required to complete a period of work of not less than four weeks with a company in a German-speaking country, or with approval of the department head, a company that can provide the student with an environment that requires substantial work to be done in German.

Suggested Course Pattern for the Business and Commerce Stream

First-Year	Second-Year	Third-Year	Fourth-Year
1002 1003	2010 2011 2012 one 3 credit hour elective	3010 3011 3902 four 3 credit hour electives	

Page 191, 2006-2007 Calendar, under the heading 6.15.1.3 German Language and Literature Minor Program, amend section to read as follows:

“A Minor in German will consist of a minimum of 24 credit hours. Students must obtain credit for: 1000, 1001 (or their equivalents), 2010, 2011.”

Department of German and Russian (cont'd)

Page 191, 2006-2007 Calendar, under the heading 6.15.1.4. German Studies Minor Program, amend clause 1 to read as follows:

“1. Eighteen credit hours in German, including: 1000; 1001 (or their equivalents); 2010 and 2011; 2900; 2901;”

Amend the note to read as follows:

“*Note: German 2030, 2031, 2900, 2901, 2910, 3000/3001, 3902, 3911, 3912, 3913 ...*”

Page 191, 2002-2007 Calendar, under the heading 6.15.1.5 Honours Degree, amend section to read as follows:

“Candidates wishing to take an Honours degree in German must arrange their program in consultation with the Head of the Department. They will be required to comply with the University regulations for Honours degrees, to take a minimum of 60 credit hours in German with at least a ‘B’ standing, and to write a comprehensive examination or present a Honours Essay in their final year. Courses in German must include the following required 27 credit hours: 1000, 1001 (or their equivalent), 2010, 2011, 3010, 3011, 4010, 4011, and 4998 or 4999. Candidates reading German in a Joint Honours degree program will take a minimum of 42 credit hours in German, which must include the following 24 credit hours in courses 1000, 1001 (or their equivalents), 2010, 2011, 3010, 3011, 3900, 3901 with at least a ‘B’ standing.

Suggested Course Pattern for the Honours Program

First-Year	Second-Year	Third-Year	Fourth-Year
1000 1001	2010 2011 2900 2901 Recommended two 3 credit hour electives at the 2000 level or higher	3010 3011 3900 3901 Recommended two 3 credit hour electives at the 3000 level or higher	4010 4011 4998 or 4999 Two 4000 level literature courses taught in German one 3 credit hour elective

Page 191, 2006-2007 Calendar, under the heading 6.15.1.6 Course List, amend German 1000 to read as follows:

“**1000 Elementary German I (F) & (W)** is a course intended to give beginners a basic knowledge of the spoken and written language and culture of the German-speaking countries. Credit will not be given for both German 1000 and 1002.”

Department of German and Russian (cont'd)

Amend German 1001 to read as follows:

“1001 Elementary German II (F) & (W) is a continuation of Elementary German I with the same basic text. Credit will not be given for both German 1001 and 1003.

Prerequisite: German 1000.”

New Courses

1002 Elementary Business German I is a course intended to give beginners a basic knowledge of spoken and written German with an emphasis on developing skills pertinent to business and commerce. Credit will not be given for both German 1000 and 1002.

1003 Elementary Business German II is a continuation of Elementary Business German I with the same basic text. Credit will not be given for both German 1001 and 1003.

Prerequisite: German 1002.

Amend German 2010 to read as follows:

“2010 Intermediate German I is a completion of the fundamentals of the German language, with a continued strong cultural component.

Prerequisites: German 1000 and 1001 or equivalent.”

Amend German 2011 to read as follows:

“2011 Intermediate German I (W) is a grammar review and introduction to literature.

Prerequisite: German 2010 or consent of the Head of the Department.”

New Course

2012 German Reading and Aural Comprehension for Business and Commerce focuses on active reading and listening skills needed in a business and commerce setting. Students will learn how to collect information and discern critical content in various communications media.

Prerequisite: German 1003 or consent of the Head of the Department.

Delete German 2020 and 2021.

Amend German 2030 to read as follows:

“2030 Reading German I (F) gives training in reading scholarly German. This course is suitable for senior undergraduate and graduate students with no previous knowledge of German, for whom this work is recommended or required by other departments or faculties, but may also be taken by students with some previous knowledge of German.

Note: This course may not be used to satisfy the second language requirement.”

Department of German and Russian (cont'd)

Amend German 3011 to read as follows:

“3011 Advanced German II (W) is a continuation of Advanced German I. Prerequisite: German 3010 or consent of the Head of the Department.”

Amend the prerequisite of German 3900 to read as follows:

“Prerequisite: German 2011 or the consent of the Head of Department.”

Amend the prerequisite of German 3901 to read as follows:

“Prerequisite: German 2011 or the consent of the Head of Department.”

New Course

3902 Business Culture in the German-Speaking World. The purpose of this course is to familiarize students for a work-term or internship in a German speaking environment. It covers business practices and culture in addition to business etiquette and protocols.

Prerequisite: German 2012 or the consent of the Head of Department.

Amend German 3912 to read as follows:

“3912 Modern German Literature in Translation I (Pre-1945) (F) - inactive course.

Amend German 3913 to read as follows:

“3913 Modern German Literature in Translation II (Post-1945) (W) - inactive course.”

Amend German 4000 to read as follows:

“4000 German Literature of the Eighteenth Century I (F) is a study of the historical ... Lessing, Goethe and Schiller. Taught in German.

Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4001 to read as follows:

“4001 German Literature of the Eighteenth Century II (W) is a study of the historical ... with emphasis on Goethe and Schiller. Taught in German.

Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4010 to read as follows:

“4010 Advanced Stylistics I (F) is specialized study ... newspapers, television, and film. Taught in German.

Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4011 to read as follows:

Department of German and Russian (cont'd)

“4011 Advanced Stylistics II (W) is a continuation of Advanced Stylistics I. Taught in German.
Prerequisite: German 4010 or consent of the Head of the Department.”

Amend German 4100 to read as follows:

“4100 German Literature of the 19th Century I (F) is a study of ... and the young Germany movement. Taught in German.
Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4101 to read as follows:

“4101 German Literature of the 19th Century II (W) is a study of the leading ... Poetic Realism and Naturalism. Taught in German.
Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4200 to read as follows:

“4200 German Literature of the Twentieth Century I (F) traces the important ... novels, poems and short stories. Taught in German.
Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4201 to read as follows:

“4201 German Literature of the Twentieth Century II (W) traces the important ... novels, poems and short stories. Taught in German.
Prerequisite: German 3011 or the consent of the Head of Department.”

Amend German 4300 to read as follows:

“4300 Middle High German Language and Literature I (F) - inactive course. Taught in German.”

Amend German 4301 to read as follows:

“4301 Middle High German Language and Literature II (W) - inactive course. Taught in German.”

Amend German 4400 to read as follows:

“4400 Early Modern German Literature I (F) - inactive course. Taught in German.”

Amend German 4401 to read as follows:

“4401 Early Modern German Literature II (W) - inactive course. Taught in German.”

84.23 Faculty of Engineering and Applied Science

At a meeting of Senate held on June 15, 2006, the following new courses were approved. For each course, add the credit restriction that follows:

For Engineering **3424 Engineering Mathematics**, add: “CR: ENGI 2422”.

For Engineering **3911 Chemistry and Physics of Engineering Materials I**, add: “CR: ENGI 2205”.

For Engineering **3934 Dynamics**, add: “CR: ENGI 2313”.

For Engineering **4011 Resistance and Propulsion**, add: “CR: ENGI 5011”.

For Engineering **4421 Probability and Statistics**, add: “CR: ENGI 3423, STAT 2510”.

For Engineering **4424 Discrete Mathematics for Computer Engineering**, add: “CR: ENGI 3422”.

For Engineering **4425 Mathematics for Civil Engineering II**, add: “CR: ENGI 4422”.

For Engineering **4430 Advanced Calculus for Engineering**, add: “CR: ENGI 5432”.

For Engineering **4841 Electromechanical Devices**, add: “CR: ENGI 5842”.

For Engineering **4932 Mechanisms and Machines**, add: “CR: ENGI 3933”.

For Engineering **5003 Ship Structures I**, add: “CR: ENGI 6002”.

For Engineering **5020 Marine Propulsion**, add: “CR: ENGI 6020”.

For Engineering **5723 Geotechnical Engineering II**, add: “CR: ENGI 6723”.

For Engineering **5911 Chemistry and Physics of Engineering Materials II**, add: “CR: ENGI 3205”.

For Engineering **5927 Mechanical Component Design**, add: “CR: ENGI 5926”.

For Engineering **5931 Advanced Mechanics of Deformable Solids**, add: “CR: ENGI 5312”.

For Engineering **5961 Fluid Mechanics I**, add: “CR: ENGI 4913”.

For Engineering **6003 Ship Structures II**, add: “CR: ENGI 7002”.

For Engineering **6005 Floating Ocean Structure Design**, add: “CR: ENGI 7005”.

For Engineering **6322 Thermal Sciences**, add: “CR: ENGI 4322”.

Faculty of Engineering and Applied Science (cont'd)

For Engineering **6718 Environmental Geotechniques**, add: “CR: ENGI 7718”.

For Engineering **6749 Construction Planning Equipment and Methods**, add: “CR: ENGI 8749”.

For Engineering **6855 Industrial Controls and Instrumentation**, add: “CR: ENGI 7858”.

For Engineering **6856 Power Electronics**, add: “CR: ENGI 7846”.

For Engineering **6927 Mechanical Component Design II**, add: “CR: ENGI 6926”.

For Engineering **6933 Mechanical Vibrations**, add: “CR: ENGI 5932”.

For Engineering **6951 Automatic Control Engineering**, add: “CR: ENGI 6925”.

For Engineering **6961 Fluid Mechanics II**, add: “CR: ENGI 5913”.

For Engineering **7000 Ocean Systems Design**, add: “CR: ENGI 7052”.

For Engineering **7102 The Engineering Profession**, add: “CR: ENGI 5101”.

For Engineering **7803 Electrical Engineering Design Project I**, add: “CR: ENGI 7800”.

For Engineering **7804 Computer Engineering Design Project I**, add: “CR: ENGI 7800”.

For Engineering **7825 Control Systems II**, add: “CR: ENGI 6825”.

For Engineering **7894 Concurrent Programming**, add: “CR: ENGI 8893”.

For Engineering **7911 Industrial Materials**, add: “CR: ENGI 6972”.

For Engineering **7926 Mechanical Design Project I**, add: “CR: ENGI 7936”.

For Engineering **7928 Computer Aided Engineering Applications**, add: “CR: ENGI 7962”.

For Engineering **7952 Robotics and Automatics**, add: “CR: ENGI 7944”.

For Engineering **8650 Offshore Oil and Gas Engineering Project II**, add: “CR: ENGI 8600”.

For Engineering **8740 Contract Law and Labour Relations**, add: “CR: ENGI 6740”.

For Engineering **8853 Electrical Engineering Design Project II**, add: “CR: ENGI 8800”.

Faculty of Engineering and Applied Science (cont'd)

For Engineering **8854 Computer Engineering Design Project II**, add: “CR: ENGI 8800”.

For Engineering **8894 Real Time Operating Systems**, add: “CR: ENGI 7863”.

For Engineering **8911 Corrosion and Corrosion Control**, add: “CR: ENGI 8962”.

For Engineering **8926 Mechanical Design Project II**, add: “CR: ENGI 8936”.

For Engineering **8937 Machine Dynamics**, add: “CR: ENGI 7945”.

For Engineering **8945 Production and Operations Management**, add: “CR: ENGI 7943”.

For Engineering **8964 Fluid Structure Interactions**, add: “CR: ENGI 8904”.

84.24 Faculty of Education

Page 292, 2006-2007 Calendar, in the table of contents, amend the section 1.11 Bachelor of Education (Primary/Elementary), to read as follows:

“1.11 Bachelor of Education (Primary/Elementary)

1.11.1 Bachelor of Education (Primary/Elementary) as a First Degree

1.11.1.1 Admission

1.11.1.2 Regulations for the Degree of Bachelor of Education (Primary/Elementary) as a First Degree

1.11.1.3 Table 1 Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program Plan

1.11.1.4 French Immersion Option

1.11.1.5 Table 2 Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program Plan

1.11.1.6 Focus Areas

1.11.2 Bachelor of Education (Primary/Elementary) as a Second Degree

1.11.2.1 Admission

1.11.2.2 Regulations for the Degree of Bachelor of Education (Primary/Elementary) as a Second Degree”

Following the subsection 2.2 Diploma in Adult Teacher Education, insert the following:

“2.2.1 Waiver Guidelines for Education 4450 - Practicum in Adult Education”

Under the list of tables amend to read as follows:

“Application Deadline Dates

Table 1 Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program Plan

Table 2 Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program Plan”

Faculty of Education (cont'd)

Page 293, 2006-2007 Calendar, under the heading 1.2 Degree Regulations, amend clause 1 to read as follows:

“1. Bachelor of Education (Primary/Elementary) as a First Degree”

Add a new clause 2 and renumber the current numbers 2 - 9 as 3 - 10:

“2. Bachelor of Education (Primary/Elementary) as a Second Degree”

Page 294, 2006-2007 Calendar, under the heading 1.6 Admission, amend the note to read as follows:

“Note: It is possible that individuals who have been convicted of a crime against a person may not be accepted into a school for any activities which are required under the Faculty of Education degree and diploma regulations.”

In the table Application Deadline Dates, under the first column Program, amend the first block to read as follows:

“Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program”

Amend the second block to read as follows:

“Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program”

Add a new third block to read as follows:

Bachelor of Education (Primary/Elementary) as a Second Degree	Spring	December 1
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Amend clause 7 to read as follows:

“7. Students who decline an offer of admission to the Faculty of Education, withdraw from the program, or who do not ...”

Page 295, 2006-2007 Calendar, under the heading 1.9 Registration in Education Courses (Non-Education Students), amend second and third paragraphs to read as follows:

“Education 2040, ... Education 3560, Education 3565, Education 3570 ... and Education 3660

Such students are advised ... needing Education courses for the Provincial Post Secondary Instructors Certificate may, with the permission ... for the required courses.”

Faculty of Education (cont'd)

Page 295, 2006-2007 Calendar, under the heading 1.11 Bachelor of Education (Primary/Elementary), amend to read as follows:

“1.11 Bachelor of Education (Primary/Elementary)

The Bachelor of Education (Primary/Elementary) degree program is designed to prepare teachers for kindergarten through grade six. The program is available both as a First Degree and as a Second Degree.

1.11.1 Bachelor of Education (Primary/Elementary) as a First Degree

The Bachelor of Education (Primary/Elementary) as a First Degree is a 150 credit hour program. All students will attend ... first semester of this program.

The Bachelor of Education (Primary/Elementary) as a First Degree is offered in two delivery formats:

Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program

Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program

Refer to the Application Deadline Dates table for application deadlines.”

Page 296, 2006-2007 Calendar, under the heading 1.11.1 Admission, amend to read as follows:

“1.11.1.1 Admission

1. Applications for admission ... and resources permit.
2. To be considered ... a completed Focus Area. The 60 credit hours are:
 - a. twelve credit hours in English* including at least 6 credit hours at the 2000 level or above
 - b. six credit hours in Mathematics or 3 credit hours in Calculus
 - c. six credit hours in Psychology
 - d. Science 1150 .. Focus Area in Science
 - e. six credit hours ... Geography, History, Linguistics, Political Science, Religious Studies, Sociology
 - f. six credit hours in French (recommended) or six credit hours in a single language other than English, or demonstration of equivalent competency in a second language
 - g. fifteen credit hours as part of a Focus Area
 - h. additional credit hours from areas other than Education

* ESL courses cannot be used to satisfy this requirement.

3. In assessing applications to the Bachelor of Education (Primary/Elementary) as a First Degree program, consideration will be given to student's:
 - a. overall academic performance; and
 - b. personal statement, references and resume as outlined on the application to the Faculty.”

Faculty of Education (cont'd)

Amend the section 1.11.2 Regulations for the Degree of Bachelor of Education (Primary/Elementary), to read as follows:

“1.11.1.2 Regulations for the Degree of Bachelor of Education (Primary/Elementary) as a First Degree

1. Candidates for the degree of Bachelor of Education (Primary/Elementary) as a First Degree will be required ... courses. Students:
 - a. will normally ... as outlined below;
 - b. must enrol ... Year; and
 - c. may enrol ... of the Professional Year

Students will ... (Primary/Elementary) as a First Degree in the academic terms, sequence and course load as set out in either Table 1, Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program or in Table 2, Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program.”

Page 297, 2006-2007 Calendar, amend the section 1.11.3 Regulations for the Bachelor of Education (Primary/Elementary) Integrated Delivery Program to read “1.11.1.3 Table 1 Bachelor of Education (Primary/Elementary) as a First Degree Integrated Delivery Program Plan”.

Page 297, 2006-2007 Calendar, amend the section 1.11.4 French Immersion Option to read “1.11.1.4 French Immersion Option”.

Page 298, 2006-2007 Calendar, amend the section 1.11.5 Regulations for the Bachelor of Education (Primary/Elementary) Consecutive Delivery Program to read “1.11.1.5 Table 2 Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program Plan”.

Page 298, 2006-2007 Calendar, under the heading 1.11.6 Focus Areas, amend to read as follows:

“1.11.1.6 Focus Areas”

Amend the English focus area to read as follows:

“English (24 credit hours):

1. Six credit hours at the 1000 level
2. 2390 or 3395
3. Three credit hours chosen from 2000, 2001, 2005-2007, 3200, 3201
4. Three credit hours chosen from 2002-2004, 2010 or 2020, 2350, 2351
5. Six credit hours chosen from 2146, 2150, 2151, 2155, 2156, 3145, 3147-3149, 3152, 3155-3158
6. Three additional credit hours at the 2000 level or above”

Amend the History focus area to read as follows:

“History (18 credit hours):

1. Six credit hours chosen from 1010-1015, 1100, 1101
2. Six credit hours at the 2000 level
3. 3110, 3120”

Faculty of Education (cont'd)

Amend the Physical Education (HKR) focus area to read as follows:

“Physical Education (HKR) (18 credit hours)

1. 1000, 2210, 2300
2. Nine credit hours chosen from 2310, 2320, 3330, 3340, 2601”

Page 299, 2006-2007 Calendar, insert the following new section:

“1.11.2 Bachelor of Education (Primary/Elementary) as a Second Degree

The Bachelor of Education (Primary/Elementary) as a Second Degree is a 72 credit hour program. It is intended for candidates who have completed an appropriate Bachelor’s degree.

1.11.2.1 Admission

1. Refer to the application deadline dates table for application deadlines. Consideration will be given to the courses for which students are registered at the time of assessment of applications. Students attending institutions other than Memorial University of Newfoundland must supply transcripts indicating Fall semester grades by February 1.
2. To be considered for admission to the Bachelor of Education (Primary/Elementary) as a Second Degree program individuals must have:
 - a. been awarded a Bachelor’s Degree, or approved (prior to program startup) for the award of a Bachelor’s Degree from a university recognized by Memorial University of Newfoundland;
 - b. achieved a cumulative average of at least 65% or an average of at least 65% on the last attempted 30 credit hours;
 - c. completed a minimum of:
 - i. six credit hours in English*;
 - ii. six credit hours in Mathematics or 3 credit hours in Calculus;
 - iii. six credit hours in Psychology;
 - iv. Science 1150 and 1151 or six credit hours in science in any combination to be chosen from: (Biochemistry, Biology, Chemistry, Earth Science, Environmental Science or Physics);
 - v. six credit hours in any combination to be chosen from: Anthropology, Economics, Folklore, Geography, History, Linguistics, Political Science, Religious Studies and Sociology;
 - vi. six credit hours in French (recommended) or six credit hours in a single language other than English, or demonstration of equivalent competency in a second language; and
 - vii. the equivalent of a completed focus area as per the MUN Calendar Faculty of Education section 1.11.1.6 Focus Areas or the completion of a major or minor within the initial Bachelor’s degree program in a subject area classified as a focus area.

* ESL courses cannot be used to satisfy this requirement.

Note: It is recommended that students have nine credit hours in science.

Faculty of Education (cont'd)

3. In assessing applications to the Bachelor of Education (Primary/Elementary) as a Second Degree program, consideration will be given to the following:
 - a. overall academic performance; and
 - b. personal statement, references and resume as outlined on the application to the Faculty.

1.11.2.2 Regulations for the Degree of Bachelor of Education (Primary/Elementary) as a Second Degree

1. Candidates must also comply with UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate) - Second Degree.
2. To obtain the Bachelor of Education (Primary/Elementary) as a Second Degree a candidate will be required to complete a minimum of 72 credit hours. The 72 credit hours are the same as those outlined in Table 2 Bachelor of Education (Primary/Elementary) as a First Degree Consecutive Delivery Program Plan.
3. Students will normally attend full-time and complete the Bachelor of Education (Primary/Elementary) Second Degree program in the academic terms sequence and course load as set out in Table 2.”

Page 300, 2006-2007 Calendar, under the heading 1.13 Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma in Technology Education, delete “This program is currently under review and may not be offered May 2007. For further information please contact the Office of Undergraduate Student Services, Faculty of Education.”.

Page 304, 2006-2007 Calendar, under the subheading 1.20.1 Admission, at the end of clause 1, add the following sentence:

“A percentage of program spaces will be allocated to applicants having relevant teaching experience.”

Amend clause 2 read as follows:

“2. To be considered for admission candidates shall have a minimum of a 65% average in the last 60 attempted credit hours (not including the internship) and also meet the ...”

Amend the subsection 1.20.3 Waiver Guidelines - Education 3650, as follows:

“Following completion of Education 3600, students who have at least three years experience ... information and application forms.”

Page 306, 2006-2007 Calendar, following the subsection 2.2 Diploma in Adult Teacher Education, insert the following:

Faculty of Education (cont'd)

“2.2.1 Waiver Guidelines of Education 4450 - Practicum in Adult Education

Students who have at least two years of experience teaching adults, and who produce written reports from their former principal or other appropriate authority to the Office of Undergraduate Student Services, certifying the quality of their experience may be excused from Education 4450. Students who are excused from taking the practicum must substitute in its place an appropriate course in Education to make up the required total for the degree.”

Page 307, 2006-2007 Calendar, under the heading 4 Course Descriptions, amend the prerequisite of Education 3941 to read as follows:

“Prerequisite: Education 3940 or permission of the Office of Undergraduate Student Services.”

84.25 School of Human Kinetics and Recreation

Page 321, 2006-2007 Calendar, under the heading 4.2.1 Teaching Option, in Table 2 Bachelor of Physical Education (Co-operative) - Teaching Option, amend Fall Academic Term 1 and Winter Academic Term 2 as follows:

Term	Required Courses	Elective Courses
Fall Academic Term 1	English 1080 or equivalent HKR 1123 HKR 2000 HKR 2100 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1000 or 1050 or 1051 or 1090	
Winter Academic Term 2	English 1110 or equivalent HKR 2300 3 additional credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1050 or 1051 or 1000 Students must complete one of the pair of Mathematics 1050/1051 or 1090/1000 or 1000/3 credit hours in a non-HKR elective Psychology 1000	Students who complete only Mathematics 1000 must include an additional 3 credit hours from a non-HKR course in their program

School of Human Kinetics and Recreation (cont'd)

Page 322, 2006-2007 Calendar, under the heading 4.2.2 General Option, in Table 3 Bachelor of Physical Education (Co-operative) - General Option, amend Fall Academic Term 1 and Winter Academic Term 2 as follows:

Term	Required Courses	Elective Courses
Fall Academic Term 1	English 1080 or equivalent HKR 1123 HKR 2000 HKR 2100 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1000 or 1050 or 1051 or 1090	
Winter Academic Term 2	English 1110 or equivalent HKR 2300 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1050 or 1051 or 1000 Students must complete one of the pair of Mathematics 1050/1051 or 1090/1000 or 1000/3 credit hours in a non-HKR elective Psychology 1000	Students who complete only Mathematics 1000 must include an additional 3 credit hours from a non-HKR course in their program

Page 325, 2006-2007 Calendar, under the heading 4.5.1 Teaching Option, in Table 6 Bachelor of Physical Education - Teaching Option, amend Fall Academic Term 1 and Winter Academic Term 2 as follows:

Term	Required Courses	Elective Courses
Fall Academic Term 1	English 1080 or equivalent 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1000 or 1050 or 1051 or 1090 HKR 2000 HKR 2100	
Winter Academic Term 2	English 1110 or equivalent HKR 2300 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1050 or 1051 or 1000 Students must complete one of the pair of Mathematics 1050/1051 or 1090/1000 or 1000/3 credit hours in a non-HKR elective Psychology 1000	Students who complete only Mathematics 1000 must include an additional 3 credit hours from a non-HKR course in their program

School of Human Kinetics and Recreation (cont'd)

Page 326, 2006-2007 Calendar, under the heading 4.5.2 General Option, in Table 7 Bachelor of Physical Education - General Option, amend Fall Academic Term 1 and Winter Academic Term 2 as follows:

Term	Required Courses	Elective Courses
Fall Academic Term 1	English 1080 or equivalent HKR 2000 HKR 2100 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1000 or 1050 or 1051 or 1090	
Winter Academic Term 2	English 1110 or equivalent HKR 2300 3 credit hours in a laboratory science (either Biology, Chemistry, or Physics is recommended) 3 credit hours chosen from Mathematics 1050 or 1051 or 1000 Students must complete one of the pair of Mathematics 1050/1051 or 1090/1000 or 1000/3 credit hours in a non-HKR elective Psychology 1000	Students who complete only Mathematics 1000 must include an additional 3 credit hours from a non-HKR course in their program

School of Human Kinetics and Recreation (cont'd)

Page 323, 2006-2007 Calendar, under the heading 4.3 Bachelor of Recreation (Co-operative), in Table 4 Bachelor of Recreation (Co-operative), amend table to read as follows:

Term	Required Courses	Elective Courses
Fall Academic Term 1	Business 1000 English 1080 or equivalent Psychology 1000 3 credit hours chosen from Mathematics 1000 or 1050 or 1051 or 1090 Sociology 1000 (or equivalent)	
Winter Academic Term 2	Business 1201 English 1110 or equivalent Psychology 1001 3 credit hours chosen from Mathematics 1050 or 1051 or 1000 Students must complete one of the pair of Mathematics 1050/1051 or 1090/1000 or 1000/3 credit hours in a non-HKR elective	Students who complete only Mathematics 1000 must include an additional 3 credit hours from non-HKR courses in their program. 3 credit hours from minor subject or non-HKR courses
Spring	Open	
Fall Academic Term 3	HKR 1123 HKR 2000 HKR 2310 HKR 2515 HKR 2585 HKR 3525	3 credit hours from minor subject
Winter Academic Term 4	HKR 2300 HKR 2320 HKR 2505 HKR 3340	6 credit hours from minor subject
Spring Work Term 1	HKR 299W	
Fall Academic Term 5	HKR 3535 HKR 3575 HKR 4600 Statistics 2500	3 credit hours from HKR courses 3 credit hours from minor subject
Winter Work Term 2	HKR 399W	
Spring Academic Term 6	HKR 2545 HKR 3555 HKR 3565 HKR 4555	3 credit hours from HKR courses 3 credit hours from minor subject
Fall Work Term 3	HKR 499W	
Winter Academic Term 7	HKR 4575 HKR 4585	6 credit hours from HKR courses (Honours degree candidates must include HKR 4610 in their program in place of one of these electives) 6 credit hours from minor subject or non-HKR courses

School of Human Kinetics and Recreation (cont'd)

Page 327, 2006-2007 Calendar, under the heading 4.6 Bachelor of Recreation, amend Table 8 Bachelor of Recreation - Course and Credit Hour Requirements as follows:

<p>Courses Required for Application English 1080 English 1110 or equivalent Mathematics 1050 and 1051, or Mathematics 1090 and 1000 Three credit hours from non-HKR courses</p>	<p>Required Courses HKR 2000, 2300, 2310, 2320, 2505, 2515, 2545, 2585, 3340, 3525, 3535, 3555, 3565, 3575, 4555, 4575, 4585, 4600 Psychology 1000 Psychology 1001 Sociology 1000 (or equivalent) Business 1000 Business 1201 Statistics 2500 A minor of at least 24 credit hours from the minor programs listed in the appropriate faculty or school regulations, in accordance with the minor program regulations listed under the appropriate faculty or school</p>
	<p>Electives 12 credit hours in HKR courses other than those listed under Required Courses (Honours degree candidates must include HKR 4610 in their program in place of one of these electives) Students who complete only Mathematics 1000 must include an additional 3 credit hours from non-HKR courses in their program. As needed, students must complete additional non-HKR courses to satisfy the 120 credit-hour requirement for the degree</p>

Page 327, 2006-2007 Calendar, under the heading 4.7 Honours Degrees, delete clause 4 and renumber 5 - 7 as 4 - 6.

Page 329, 2006-2007 Calendar, under the heading 9 Course Descriptions, add to the calendar descriptions for HKR 1123, HKR 299W, HKR 399W and HKR 499W the following:

“CH = 0”

84.26 Faculty of Medicine

Page 344, 2006-2007 Calendar, under the heading 1 Background, amend section to read as follows:

“The Faculty of Medicine of Memorial University of Newfoundland is one of 17 Canadian medical schools and was one of the four schools suggested by the Hall Royal Commission on Canadian Health Services in its 1964 report.

A series of meetings ... an eminent British medical educator, and his advisors, reported that the location of a medical school in the Province was a necessary step in the provision of adequate medical services for Newfoundland.

Dr. Ian Rusted, a local physician ... medical education for doctors in the Province, was appointed Dean of ... of graduate studies leading to the degrees of M.Sc. and Ph.D.

Faculty of Medicine (cont'd)

The undergraduate curriculum ... of the school was set up as a non-departmental system ... Clinical Sciences.

Initially the Faculty of Medicine was housed in temporary buildings. With joint funding by the Federal and Provincial Governments, a Health Sciences Centre (HSC) was constructed on the North Campus of the University and was officially opened in 1978. This new building became home to the Faculty of Medicine General Hospital and the School of Nursing. Over time the building was expanded, and now it also houses the School of Pharmacy, the Janeway Children's Health and Rehabilitation Centre, the Dr. H. Bliss Murphy Cancer Centre and the Agnes Cowan Hostel. The Health Sciences Centre contains a comprehensive health sciences library, animal care and research facilities, plus an appropriate range of teaching facilities to accommodate large lectures and demonstrations, small group discussions and seminars, clinical skills and laboratory sessions. The structure of the Health Sciences Centre facilitates integration between basic scientists, clinicians and allied health workers in the hospital, the University and the community. Clinical research facilities are located adjacent to basic research units and some research laboratories provide services in clinical investigation. Services such as cafeteria and stores are common to the Faculty of Medicine and the Eastern Regional Health Authority.

The General Hospital and Janeway Children's Health and Rehabilitation Centre are part of a network of teaching hospitals in St. John's and throughout the Province. The conventional use of major referral centres as teaching resources is complemented by the availability of regional and community hospitals to provide valuable clinical experience for undergraduate and postgraduate medical students.

In contrast to many other schools, the class size at the University's Medical School is small. This facilitates interaction between students and faculty, and has obvious advantages in clinical teaching. Normally 60 students are admitted annually to the first year of the undergraduate medical program."

Page 345, 2006-2007 Calendar, under the heading 2 Mission and Objectives of the Faculty of Medicine, amend third paragraph to read as follows:

"The objectives of the Faculty of Medicine ... expanding needs of the Province and of providing the means to reach out to all the people."

Amend fifth paragraph to read as follows:

"The term 'Medical School' refers to the wider organizational structure of the Faculty of Medicine with various healthcare, institutions, community organizations and other academic units with the University."

Page 346, 2006-2007 Calendar, under the heading 3 Affiliated Teaching Sites, amend clause 1 to read as follows:

"1. Within St. John's: (hospitals and other centres under the Eastern Regional Health Authority)"

Faculty of Medicine (cont'd)

Page 346, 2006-2007 Calendar, under the heading 4 Description of Medical Training Programs, amend the heading to read "4 Description of Medical Training Program".

Amend second paragraph to read as follows:

"The first two years of medical studies is called Pre-Clerkship. Basic ... instruction in Community Health & Humanities and Clinical Skills ... commencing in Clerkship."

Amend third paragraph to read as follows:

"The last two years of medical studies is called Clerkship. During ... Labrador and community and hospital settings throughout Prince Edward Island and New Brunswick. Clinical clerks participate as members of the health care team ... patient care."

Page 347, 2006-2007 Calendar, under the heading 8.1 Admission to the Faculty of Medicine, amend clause 1 to read as follows:

"1. All applications for entry to the program of studies leading to the MD degree are dealt ... from all applicants."

Amend clause 5 to read as follows:

"5. The Admissions Committee's decision ... professional studies leading to the award of the MD and in the eventual practice of medicine."

Amend clause 6 to read as follows:

"6. To be eligible for admission, an applicant shall have completed a bachelor's degree including the prerequisite subjects of six credit hours in English at a recognized university or university college before admission.

In exceptional circumstances an application may be considered from someone who does not expect to hold a bachelor's degree at the time of admission. Such an applicant will have completed at least sixty credit hours including the prerequisite subjects of six credit hours in English at a recognized university or university college before admission and be a student who has work-related or other experience acceptable to the Admissions Committee.

No application will be considered from a candidate who cannot produce evidence that the above requirements have been met or will have been met by the time of entry to the Medical School.

In addition, all applicants must write the MCAT prior to the application deadline. The MCAT should be written within the preceding 5 years of the date of application."

Delete clauses 7, 8, and 9 and replace with the following:

Faculty of Medicine (cont'd)

“7. Applicants need to be aware of the policy related to Essential Skills and Abilities Required for the Study of Medicine. This policy outlines essential skills and abilities needed to succeed in the MD program and it includes technical standards for students in the program and information for students with disability. This information is available on the Faculty of Medicine’s website (<http://www.med.mun.ca/admissions/pages/appPreparation.htm>).

8. Each applicant is responsible for ensuring that all the required information on the application form, e.g. transcripts, MCAT scores, referee’s reports, is supplied to the Admissions Committee, and for providing any further information required by this Committee. An application is not considered complete until these documents have been received.

9. The Admissions Committee may request that a candidate attend an interview.”

Amend clause 15 to read as follows:

“15. Unsuccessful applicants who ... for Admissions or the Admissions Officer to discuss reapplying prior to the deadline for submission of a new application (normally October 15).”

Page 347, 2006-2007 Calendar, under the heading 8.2 Evaluation, delete section and replace with the following:

“1. Subject to the approval of Senate, the overall policy of evaluation and the planning of the programs of studies leading to the MD degree are the responsibility of the Undergraduate Medical Studies Committee, which is a standing committee of the Council of the Faculty of Medicine.

2. Each student is expected to complete the work of the class as described in the current regulations of the Faculty of Medicine for each year of the program and to pass the prescribed academic and professional evaluations. In this context, the professional evaluation will cover, not only the skills expected of a student, but person conduct and relationships with peers, patients, hospital personnel, faculty members and staff.

3. Course grades are recorded as pass or fail on a student’s University transcript. For Pre-Clerkship courses/subjects and Medicine 7280, evaluation of an individual student’s performance is conducted by the course/subject chair or instructor(s). The overall results of the course/subject evaluations are expressed on a four-point internal scale as outstanding, pass, borderline or fail. For Clerkship, overall evaluations of discipline rotations/selectives and electives are the responsibility of the respective discipline or electives coordinator. There is an internal five-point scale of outstanding, above average, average, below average and fail.

a. The Coordinator of the Pre-Clerkship or Clerkship and the Chair of the appropriate course/subject committee are responsible for ensuring that each student is informed of the results of each evaluation. The Chair of the course/subject committee will notify the student and Pre-Clerkship or Clerkship Coordinator, in writing, of any concerns that have arisen about performance.

Faculty of Medicine (cont'd)

b. It is the responsibility of the student to consult immediately with the Coordinator of the Pre-Clerkship or Clerkship Committee and/or the Chair of the course/subject committee regarding any course/subject in which concerns about performance have been expressed. Within one week of receiving notification of the grade for a course/subject, a student may submit a written request to the Coordinator of the Pre-Clerkship or Clerkship Committee for reconsideration of the grade awarded or for a reread of an exam/paper.

c. The student is responsible for notifying the Coordinator of the Pre-Clerkship or Clerkship Committee immediately of any new circumstances or of any pre-existing circumstances that have not previously been reported which could affect his or her individual performance in the work of the class.

4. A student's progress is monitored in each year of the program by the Pre-Clerkship or Clerkship Committee."

Page 348, 2006-2007 Calendar, under the heading 8.3 Promotion, delete section and replace with the following:

"1. The Student Promotions Committee is a standing committee of Faculty Council. The Student Promotions Committee review the grades of all students in each year. On the basis of this review, this Committee decides which students should be promoted to the next year and which students are eligible to graduate. In reaching its decisions the Student Promotions Committee takes into account professional, as well as academic factors, and any special circumstances, duly authenticated, which warrant consideration.

2. The Student Promotions Committee may require students to pass reassessments or to do remediation with reassessment before being considered for promotion or graduation. Students with a Fail grade in any subject or course cannot be promoted; such students may be required to repeat the entire course or any appropriate section and must pass an appropriate reassessment before a positive promotion decision is made. The amount and quality of makeup required of a student is at the discretion of the Student Promotions Committee, but it cannot be undertaken while any other course, including an elective, or a selective, is in progress, nor if a student's full participation in subsequent courses is in any way jeopardized.

3. A student who consistently receives Borderline or Below Average grades even in the absence of any Fail grades may either be required to repeat the year or required to withdraw conditionally or unconditionally.

4. A student who is deemed by the Student Promotions Committee to be unsuitable for promotion or graduation is either required to repeat all of the studies in any year, or required to withdraw either conditionally or unconditionally.

a. If a student is required to repeat a year with academic prejudice, his or her performance in the repeated year must be at a level at which no remediation or reassessment is required. If this standard is not met, the Student Promotions Committee requires the student to withdraw unconditionally.

Faculty of Medicine (cont'd)

b. The option to repeat a year with academic prejudice can only be offered to a student once during his/her MD program. A student may repeat a year without academic prejudice if it has been demonstrated that the student's performance has been adversely affected by other factors acceptable to the Student Promotions Committee and duly authenticated.

c. If the Student Promotions Committee requires a student to withdraw conditionally, the Chair of the Student Promotions Committee reports to the Dean and the Pre-Clerkship or Clerkship Coordinator the nature of the conditions to be met and the time period specified for meeting the conditions. The Dean then recommends to the Registrar that the student be required to withdraw from the program. Any student who has been required to withdraw conditionally may be readmitted once the conditions have been met. If the conditions are not met within the specified time limit, the student is required to withdraw unconditionally.

d. If the Student Promotions Committee requires a student to withdraw unconditionally, the Chair of the Student Promotions Committee will report the decision and the basis upon which it was reached to the Dean and the Pre-Clerkship or Clerkship Coordinator. The Dean then recommends to the Registrar that the student be required to withdraw from the program. Any student who is required to withdraw unconditionally and who wishes to re-enter the Faculty must apply by the appropriate deadline date to the Admissions Committee in competition with all other applicants.

5. A student has the right to make a formal appeal against a decision of the Student Promotions Committee. However, this appeal cannot be made on the basis of the grades awarded in individual courses or subjects, as the student will normally have had the opportunity of contesting grades immediately after notification. A formal appeal by a student against the decision of this Committee must be made on grounds other than the grades awarded, e.g. default of procedure. This appeal should be made in writing, clearly stating the basis for the appeal and should be directed in the first instance to the Dean. The Dean in consultation with the Office of the Registrar determines whether or not the grounds stated are sufficient to warrant a formal hearing of the appeal.

6. In addition to the above clauses, the Faculty of Medicine reserves the right to require a student to withdraw from the program at any time when acceptable cause is demonstrated. In such cases, the Dean, on behalf of the Faculty, recommends such withdrawal to the Registrar who will then take appropriate action. Any such action is subject to the right of appeal by the student. An appeal should be made in writing clearly stating the basis for the appeal and should be directed in the first instance to the Registrar of the University. The Registrar, in consultation with the Dean, will determine whether or not the grounds stated are sufficient to warrant a formal hearing of the appeal.

7. Any student who enters the first year of the medical program but withdraws within the first seven weeks may be permitted re-entry only by re-application to the Admissions Committee in competition with all other applicants by the appropriate deadline date. Withdrawal at all other times is in accordance with UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate).

Faculty of Medicine (cont'd)

8. a. Upon completion of a program year, a student in good academic standing may elect to withdraw temporarily from studies (e.g. to pursue graduate studies after completion of the second year).

b. Any student may be permitted to withdraw in accordance with UNIVERSITY REGULATIONS - General Academic Regulations (Undergraduate) Withdrawing from the University. In all cases, the intent to withdraw voluntarily should be discussed with the Pre-Clerkship or Clerkship Coordinator, as appropriate. The student must make a written request for voluntary withdrawal to the Dean who will then consult the appropriate Coordinator. In the event that a student wishes to return to medical school, the Dean should ensure that sufficient revision and preparatory work are undertaken before the student is permitted to resume medical studies.

c. Students permitted to withdraw are advised of the date upon which they are required to resume medical studies. In the absence of good cause, any such student who does not resume studies on the specified date will be deemed to have left the program.”

Page 349, 2006-2007 Calendar, under the heading 9 Medicine Courses, amend the course description of Medicine 5610 to read as follows:

“**5610 Clinical Skills I** introduces students ... disordered function or structure. Ethical and legal issues playing a significant role in assessment and management of clinical problems are also considered within the humanities, ethics, and law in medicine (HELM) component.

AR: attendance is required
CH: 9”

Page 350, 2006-2007 Calendar, under the heading 9.3 Courses Offered By the Faculty of Medicine for Non-Medical Students, delete the course Medicine 4301.

84.27 Faculty of Business Administration / Sir Wilfred Grenfell College

Page 421, 2006-2007 Calendar, under the heading 18.2 Core Program Course Descriptions, replace the current note for Business 4401 with the following:

“Credit may be obtained for only one of Business 4401, Business 7025 and the former Business 3400. Business 7025 can not be used to satisfy the requirement of Business 4401 in any program.”

Add the following note to the course description for Business 7025:

“Credit may be obtained for only one of Business 7025, Business 4401 and the former Business 3400. Business 7025 can not be used to satisfy the requirement of Business 4401 in any program.”

Add the following note to the course description for Business 2700:

“Business 2700 can not be used as a Business elective in programs offered by the Faculty of Business Administration.”

84.28 Environmental Science - Sir Wilfred Grenfell College

Page 110, 2006-2007 Calendar, under the heading 10.11.3 Other Environmental Science Courses, delete Environmental Science 4069 and replace with the following:

“4069 Fundamentals of Soil Systems is the physics, chemistry and biology of soil, including inorganic soil components, chemistry of organic soil matter, soil equilibria, sorption phenomena on soils, ion exchange processes, kinetics of soil processes, redox chemistry of soils, soil acidity, saline and sodic soils, organic pollutants, trace and toxic elements in soils, soil organisms, organic matter cycling, nutrient cycling and fertility, soil conservation and sustainable agriculture.

Laboratory will cover a number of key physical, chemical and biological properties and procedures used in soil analyses. One or more field trips will be scheduled during laboratory sessions.

Prerequisites: Biology 2600, Earth Sciences 1000, one of Chemistry 2210, 2300, 2401, 2440 and 6 credit hours selected from Environmental Science Core (i.c.). It is recommended that students complete at least 80 credit hours before registering for this course.

Lectures and Laboratory: Not more than 6 hours per week.”

Delete Environmental Science 4131 and replace with the following:

“4131 Environmental Restoration and Waste Management focuses on procedures aimed at restoring and rehabilitating ecosystems, with an examination of the interdisciplinary scientific basis underlying these procedures. The efficacy of management options, e.g. biomanipulation, microbial degradation and chemical treatments, involved in restoration and waste management will be evaluated. Applications and practical case studies of both aquatic and terrestrial ecosystems will be covered.

Prerequisites: Biology 2600, one of Chemistry 2210, 2300, 2401, 2440 and 6 credit hours selected from Environmental Science Core (i.c.). It is recommended that students complete at least 80 credit hours before registering for this course.

Lectures: Three hours per week.”

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

85.1 Department of Earth Sciences

Page 516, 2006-2007 Calendar, under the heading 19.12.1 Master of Science, subheading General Courses, insert the following new course:

“6750 Sequence Stratigraphy”

Page 537, 2006-2007 Calendar, under the heading 25.7.1 Doctor of Philosophy, subheading General Courses, insert the following new course:

“6750 Sequence Stratigraphy”

85.2 Faculty of Medicine

Page 525, 2006-2007 Calendar, under the heading 21.2.2 Program Requirements, insert the following new course:

“6274 Chronic Disease Epidemiology”

85.3 M. Eng. in Civil Engineering

Page 493, 2006-2007 Calendar, under the heading 10.2 Program of Study and Research, amend the last paragraph in clause 2 to read as follows:

“A program shall normally include at least 9 credit hours from courses chosen from the core courses listed in 3. below.”

Amend clause 3 to read as follows:

“3. The following are core courses:

ENG. 9002, 9015, 9411, 9420, 9501, 9505, 9516, 9520, 9550, 9609, 9627, 9816, 9821, 9826, 9827, 9834, 9847, 9861, 9865, 9867, 9871, 9874, 9876, 9901, 9902, 9940.”

Page 494, 2006-2007 Calendar, under the heading 10.12 Program in Environmental Systems Engineering and Management, starting with the subheading Courses and down to the end of page 495, put under the new heading “10.13 Courses”.

Page 494, under the new heading 10.13 Courses, subheading Core Courses*., make the following changes:

- add “9411 Probabilistic Methods in Engineering”
- delete “9435 Modern Perturbation Theory”
- add “9627 Environmental Systems Engineering”
- delete “9717 Hydropower Engineering”

Under the subheading Other Courses., delete the following courses:

“9411 Probabilistic Methods in Engineering”
“9624 Air Pollution”
“9627 Environmental Systems Engineering”
“9730 Construction Administration”
“9731 Construction Problems and Solutions”
“9742 Transportation Planning”

85.4 Department of Religious Studies

Page 476, 2006-2007 Calendar, under the heading 5.18 Religious Studies, delete clause “6.” in its entirety and replace with the following:

“6. Students may write a thesis in one of the following areas: Hinduism, classical Confucianism, philosophical Daoism, Chinese and North American Buddhism, Buddhism and psychology, Judaism, Christianity, Hebrew Bible, New Testament, religious history of Canada, religious history of Newfoundland and Labrador, medieval religious thought, religion and culture (including pop culture), New Age religious movements, ethics and social justice, philosophy of religion.”

85.5 Faculty of Education

Page 482, 2006-2007 Calendar, under the heading 8 Regulations Governing the Degree of Master of Education, subheading 8.8 Specific Programs, under clause “1.b.v.”, insert the following courses:

“6710 Issues in Development and Implementation of Special Education Policy and Practices

6427 School Community Partnerships”

Under the heading 8.8 Specific Programs, subheading 3. Counselling Psychology, under clause “b.v.” insert the following course:

“6710 Issues in Development and Implementation of Special Education Policy and Practices”

Page 488, 2006-2007 Calendar, under the subheading Courses, amend the title of course “6710” as follows:

“6710 Issues in Development and ... Policy and Practices”

85.6 School of Music

Page 498, 2006-2007 Calendar, under the heading 14 Regulations Governing the Degree of Master of Music, amend the third paragraph as follows:

“Graduate instruction is offered ... percussion, guitar, violin, viola ...”

Under the subheading 14.1 Qualifications for Admission, delete clause “2.a.” in its entirety and replace with the following:

“Auditions for September entry will be held in February of each year on the St. John’s campus. Where exceptional circumstances prevail and with the approval of the Director, the audition may be submitted as an audio or video recording. The audition program should display a range of performance styles and repertoire. Prospective Candidates should contact the School of Music for details on length of audition and appropriate repertoire. Applicants to the M.Mus. in Conducting program should submit professional quality video recordings of their work with a minimum of two different types of ensembles. These video recordings should include both rehearsals and performances.”

Amend clause “14.1.1.” as follows:

“Admission regulations ... regarding the likelihood of admission. Entrance auditions are normally held in late February or early March”.

85.7 Department of Mathematics and Statistics

Page 547, 2006-2007 Calendar, under the heading 25.17 Mathematics and Statistics, under the subheading 25.17.1 Doctor of Philosophy, delete the entry in its entirety and replace with the following:

Department of Mathematics and Statistics (cont'd)

“The following regulations should be read in conjunction with the **General Regulations** of the School of Graduate Studies.

1. Candidates shall be assigned a supervisory committee consisting of the supervisor (or Co-Supervisors) and at least two other members of faculty appointed by the Dean on the recommendation of the Head.
2. A candidate shall complete at least 6 credit hours in graduate courses in the area of specialization. Candidates not holding a masters degree shall, in addition, complete, or have already completed successfully, the course requirements for a Memorial masters degree in mathematics or in statistics, as appropriate. Any candidate may be required to take additional courses.
3. The Comprehensive Examination consists of two parts, called the “qualifying review” and the “intermediate review”. Successful completion of both the qualifying and intermediate reviews constitutes successful completion of the Comprehensive Examination in the sense of General Regulation **Comprehensive Examinations**.
 - (a) The **qualifying review** consists of written examinations and takes place as soon as the Supervisory Committee deems appropriate, but not later than the end of the candidate’s third semester in the doctoral program. Its main purpose is to ensure that the candidate has a reasonably broad general knowledge of mathematics or of statistics, as appropriate.
 - (b) The **intermediate review** consists of an oral presentation on the candidate’s thesis topic followed by an oral examination based on the presentation although questions of a general nature relating to the field of specialization are also permitted. It must take place no later than the end of the candidate’s seventh semester in the doctoral program. Its purpose is to ensure that the candidate has specialized knowledge in his/her chosen area sufficient to do original research of a high level.

More details concerning the Department’s comprehensive examinations can be obtained from the Department.”

Under the subheading 25.17.2 Specific Regulations for the Ph.D. in Mathematics, delete the entry in its entirety and replace with the following:

“A Master’s degree in mathematics or related area from a recognized university is normally required for entry into the Ph.D. program. Students holding a Bachelor’s degree (Honours or equivalent) in mathematics may be considered for direct admission into the Ph.D. program. Students currently registered in Memorial University’s M.Sc. program in mathematics may request a transfer into a Ph.D. program. Such transfer must be supported by the intended Ph.D. supervisory committee and the Graduate Studies Committee.”

Department of Mathematics and Statistics (cont'd)

Under the subheading 25.17.3 Specific Regulations for the Ph.D. in Statistics, delete clauses "1. to 4." in their entirety and replace with the following:

"A Master's degree in statistics from a recognized university is normally required for entry into the Ph.D. program. Students currently registered in Memorial University's MAS or M.Sc. program in statistics may request a transfer into a Ph.D. program. Such transfer must be supported by the intended Ph.D. supervisory committee and the Graduate Studies Committee.

In addition to general departmental requirements, each candidate for the Ph.D. in statistics will be required to present at least one paper at a graduate seminar on a topic to be approved by his or her Supervisor."

REGULAR AGENDA

86. FACULTY OF MEDICINE - NAME CHANGE OF THE DIVISION OF BASIC MEDICAL SCIENCES

A letter dated January 5, 2007 was received from the Faculty of Medicine requesting that the name of the Division of Basic Medical Sciences be changed to the "Division of BioMedical Sciences".

It was moved by Dr. Rourke, seconded by Dr. McKay and carried that this proposal be forwarded to the Board of Regents for approval.

87. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

87.1 Recommended Modifications to the Academic Transcript - Office of the Registrar

Professor Walsh introduced a memo dated 21 December 2006 from Ms. Phyllis McCann, Assistant Manager/Graduation Manager, with regard to proposed modifications to the Academic Transcript relating to the display of degree credential information. In doing so, Professor Walsh noted that currently, a student who completes a Bachelor of Arts or Bachelor of Science degree can continue his/her studies and replace that degree with a Bachelor of Arts (Honours) or Bachelor of Science (Honours) as appropriate. Under the current protocol, the information related to the originally awarded Bachelor of Arts or Bachelor of Science degree is removed from a student's transcript upon the awarding of a corresponding Honours Degree. While it is not appropriate to reflect two separate and independent degree program awards in such cases, a notation referencing the previously awarded general degree will provide a more accurate reflection of the student's academic history at Memorial University. As a result, the following recommendations are proposed (the modification for Sir Wilfred Grenfell College is consistent with changes approved for the Diploma parchment in April, 2006):

"That effective May Convocation 1996, an appropriate transcript notation that will identify the detail related to a previously awarded general degree that has been subsequently upgraded and replaced with an Honours degree.

Recommended Modifications to the Academic Transcript - Office of the Registrar (cont'd)

That effective May Convocation 2006, display of *Sir Wilfred Grenfell College* within the transcript degree record for those degrees completed according to the Regulations for Degrees at Sir Wilfred Grenfell College.

The motion to approve the above-noted recommendations which was moved by Professor Walsh, seconded by Mr. Collins, carried.

87.2 Department of Anthropology

The motion to approve the proposed calendar changes to the Department of Anthropology which was moved by Professor Walsh, seconded by Mr. Andrews, carried.

Page 157, 2006-2007 Calendar, delete section 6.2, 6.2.1, 6.2.2 and 6.2.3 and replace with the following:

“6.2 Anthropology and Archaeology

All students who major in Anthropology and Archaeology will be assisted by a faculty advisor who will help them in planning their academic programs. For this purpose, it is essential that students register with the Department at an early stage of their studies.

6.2.1 General Degree

1. First Courses

Archaeology 1030 and Anthropology 1031 or an equivalent course or courses are required of all students wishing to concentrate in anthropology or archaeology.

The following courses, cross-listed with the Department of Sociology and identified by the designation “S/A”, are also taught at the introductory level: 2200, 2210, 2220, 2230, 2240, 2260, 2270, 2280 and 2350. These courses can be taken as first courses or may be taken following a departmental introductory course.

2. Major Options

The Department of Anthropology and Archaeology offers undergraduate programs concentrating in a) Social/Cultural Anthropology; b) Archaeology/Physical Anthropology; and c) Interdisciplinary Studies in Sociology and Anthropology.

The student majoring in Anthropology or Archaeology must meet the requirements listed under General Degree Regulations, Regulations for the General Degree of Bachelor of Arts. Under these regulations, a minimum of 36 credit hours in Anthropology and/or Archaeology are required. Specific regulations for each option follow:

Department of Anthropology (cont'd)

a. Social/Cultural Anthropology

Students wishing to concentrate in this option must take Archaeology 1030 and Anthropology 1031; 6 credit hours in Anthropology courses at the 2000-level chosen from 2410, 2411, 2412, 2413; 6 credit hours from Social/Cultural Anthropology offerings at the 4000-level, of which one must be 4410 or 4412; the remaining 18 credit hours are to be chosen from any of the Anthropology or Sociology/Anthropology (S/A) 3000- or 4000-level offerings. Students should note that the completion of Anthropology 1031 and one 2000-level Anthropology course is a prerequisite for all Anthropology 3000-level courses, and that two Anthropology courses at the 2000-level or above are prerequisites for all Anthropology 4000-level courses.

b. Archaeology/Physical Anthropology

Students wishing to concentrate in this option must take Archaeology 1030 and Anthropology 1031, Archaeology 2430 and 2480; 12 credit hours in Archaeology courses at the 3000-level; 9 credit hours in Archaeology courses at the 4000-level which must include Archaeology 4182 (History of Archaeology) and 4411 (Theory and Method in Archaeology and Prehistory); 6 additional credit hours in Archaeology courses at the 3000 or 4000 level. Students are encouraged to take appropriate course offerings in Anthropology. Students should note that Archaeology 2430 is a prerequisite for all 3000 and 4000 level courses in Physical Anthropology and that Archaeology 2480 is a prerequisite for all 3000 and 4000 level courses in Archaeology.

c. Interdisciplinary (S/A) option

Students wishing to concentrate in this option must take at least 24 credit hours in S/A courses, plus a minimum of 12 credit hours in courses selected from the offerings of the Anthropology and Archaeology Department or the Sociology Department or both. Specific requirements are detailed under the Sociology/Anthropology Interdepartmental Studies Program.

3. Minor Options

A minor in Anthropology or Archaeology or Sociology/Anthropology may be achieved by completing any one of three sets of courses:

a. Social/Cultural Anthropology: 1030, 1031; 6 credit hours in courses at the 2000 level chosen from 2410, 2411, 2412, 2413; and 12 credit hours chosen from Anthropology offerings at the 3000 level or above, including at least 3 credit hours in a course at the 4000 level.

b. Archaeology/Physical Anthropology: 1030, 1031; 2430 and 2480; 3 credit hours in an Archaeology/Physical Anthropology course at the 4000 level; and 12 credit hours in other Anthropology courses, at least 9 credit hours of which shall be from among Archaeology/Physical Anthropology offerings.

Department of Anthropology (cont'd)

c. Sociology/Anthropology (“S/A”): see the regulations listed under the Sociology/Anthropology interdepartmental Studies Program.

Students completing a major or minor in Anthropology, Archaeology or Sociology cannot elect to major or minor in the S/A program. In addition, students completing a major or minor in one program in the Department of Anthropology and Archaeology cannot elect to complete a second major or minor in this department.

6.2.2 Honours Degree

1. Admittance: As per existing regulations.
2. Students intending an Honours program are required to complete 60 credit hours following the requirements in **2. Major Options** above, but in addition must include 4995-Honours Essay, or 4996-Comprehensive Examination. Students must also meet requirements of General Regulations for Honours Degrees, and regulations for the Honours Degree of Bachelor of Arts.

6.2.3 Regulations for Joint Honours, Anthropology or Archaeology and Another Major Subject

1. Candidates must fulfil the requirements of the General Regulations for the Honours degree.
2. Candidates must complete:
 - a. Archaeology 1030 and Anthropology 1031;
 - b. Six credit hours in courses chosen from Anthropology 2410, 2411, 2412, 2413, Archaeology 2430 and 2480;
 - c. Fifteen credit hours in Anthropology or Archaeology courses at the 3000 level, chosen in consultation with a supervisor;
 - d. Fifteen credit hours in Anthropology or Archaeology courses at the 4000 level, with a grade of “B” or better. These must include 4410 and one of 4000, 4411 and 4412.”

Page 158, 2006-2007 Calendar, under the heading 6.2.4 Course List, add the following paragraph:

“Students should note that credit may not be obtained for Archaeology course if, prior to 2007, the student received credit for that course when it was designated as an Anthropology course.”

Insert the following new heading “Anthropology Courses” with the following courses listed underneath with existing course descriptions and notes and in addition, delete the (S/C) designation for these courses:

Department of Anthropology (cont'd)

“1031, 2300, 2410, 2411, 2412, 2413, 2414, 2500, 3050, 3052, 3053, 3054, 3058, 3060, 3061, 3062, 3063, 3064, 3082, 3083, 3280, 3305, 3384-3389, 3402-3409, 3584, 3590, 4030, 4081, 4200-4209, 4280, 4300, 4301, 4302, 4370, 4410, 4412, 4422, 4440, 4450, 4451, 4452, 4995, 4996.”

List the following courses under the same heading of “Anthropology Courses” with existing course descriptions and notes. In the case of these courses, the (S/A) designation is to be retained. No amendments are required in the Sociology or Sociology/Anthropology sections of the calendar.

“2200, 2210, 2220, 2230, 2240, 2260, 2270, 2280, 2350, 3100, 3140, 3210, 3220, 3240, 3241, 3242, 3249, 3254-3257, 3260, 3314, 3317, 3318, 3320, 3330-3339, 3600, 3610, 3630, 3700, 4000, 4070, 4071, 4072, 4073, 4074, 4077, 4089, 4091, 4092, 4110, 4140-4149, 4990, 4991”

Insert the following new heading “Archaeology/Physical Anthropology Courses” with the following courses listed underneath with existing course descriptions and notes and in addition, delete the (A/P) designation for these courses:

“1030, 2430, 2480, 2481, 2490, 2491, 2492, 3020, 3040, 3290, 3291, 3500, 3505, 3510, 3515, 3520, 3525, 3561, 3580, 3582, 3584, 3585-3586, 3587, 3588, 3589, 3590, 3591, 3680-3689, 3710, 3800, 3850, 3860, 4015, 4041, 4042, 4050-4059, 4150, 4151, 4160-4169, 4170, 4182, 4190-4199, 4411, 4500, 4995, 4996”

Delete the designations of S/C, A/P, and Anthropology in prerequisites and credit restriction notes for the following courses, leaving only the course numbers for the prerequisites:

“2414, 2430, 2480, 2481, 3505, 3587, 3590, 3680-3689, 4041, 4070, 4151, 4160-4169, 4190-4199, 4411, 4500”

Amend the credit restriction note for Archaeology 1030 to read as follows:

“Credit may not be obtained for both Archaeology 1030 and the former Anthropology 1000 or 2000.”

Delete “Anthropology” from the note following Archaeology 3589 and insert “Archaeology” to read “... one of the following courses: Archaeology 2480, Folklore 1000 or ...”.

In the course description of Archaeology 3585-3586, amend the first sentence to read “offers students practical introductions to archaeological fieldwork (3585) and laboratory techniques (3586)”.

Page 143, 2006-2007 Calendar, amend “DEPARTMENT OF ANTHROPOLOGY” to read “DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY”.

Page 157, 2006-2007 Calendar, amend “6.2 Anthropology” to read “6.2 Anthropology and Archaeology”.

Department of Anthropology (cont'd)

Page 147, 2006-2007 Calendar, under the heading 2.1 Regulations for the General Degree of Bachelor of Arts, clause 2, Distribution of Humanities, Social Science, and Science, under Social Science, amend to read “Anthropology, Archaeology, ...”.

In Clause 3.a., The Major Program, amend to read “Anthropology, Archaeology, ...”.

Page 149, 2006-2007 Calendar, under the heading 2.4 Regulations for the Honours Degree of Bachelor of Arts, clause 2.a., Subjects of Specialization, amend to read “Anthropology, Archaeology, ...”.

Page 154, 2006-2007 Calendar, under the heading 3.9.3 Course List, amend all references to “Anthropology” to read “Archaeology”.

Page 156, 2006-2007 Calendar, under the heading 3.11.3 Course List, subheading Alternate Courses, amend “Anthropology 2492” to read “Archaeology 2492”.

Page 157, 2006-2007 Calendar, under the heading 6.1.2 Course List, amend the “Anthropology” heading to read:

“Anthropology
Anthropology 2414

Archaeology
Archaeology 2481, 3290, 3291, 3510”

Page 179, 2006-2007 Calendar, under the heading 6.12.1 General Degree, third paragraph, line 1, amend to read “... Anthropology and Archaeology ...”.

Page 179, 2006-2007 Calendar, under the heading 6.12.6 Course List, in the course description for Folklore 3001 and in the note which follows, amend “Anthropology” to read “Archaeology”.

In the course descriptions for Folklore 3591, 3700, 3850, 3860, and 4015, amend “Anthropology” to read “Archaeology”.

Page 188, 2006-2007 Calendar, under the heading 6.14.8 Course Descriptions, in the course description for Geography 4015, amend to read “(same as Archaeology 4015 and Folklore 4015)”.

Page 194, 2006-2007 Calendar, under the heading 6.16.3 Course List, in the course description for History 3020 and in the note which follows, amend “Anthropology” to read “Archaeology”.

In the course descriptions for History 3520, 3525, 3530, 3535, 3555 and 3860, amend “Anthropology” to read “Archaeology”.

Page 197, 2006-2007 Calendar, under the heading 6.17.1 Regulations, clause 3, amend to read:

Department of Anthropology (cont'd)

“Anthropology 2260, 3100, 3240, 3320, 4030, 4450

Archaeology 2492”

Page 201, 2006-2007 Calendar, under the heading 6.20.3 Course List, in the course description for Medieval Studies 3001 and in the note which follows, amend “Anthropology” to read “Archaeology”.

In the table List A: Other Course Approved For Inclusion in Medieval Studies Major and Minor Programs Subject to the Foregoing Regulations, amend “Anthropology 2480” to read “Archaeology 2480”.

Page 202, 2006-2007 Calendar, under the heading 6.21.1 Regulations, clause 1.a., amend “Anthropology” to read “Archaeology”.

87.3 Marine Institute

A memo dated January 26, 2007 was received from the Secretary of Senate advising that at a meeting held on January 25, 2007, the Executive Committee of Senate considered the Marine Institute’s proposed calendar changes with regard to new course MSTM 4070 and changes to the Bachelor of Technology program (cover memo dated December 21, 2006). With regard to item “*a. The English requirement is to be consistent with that approved by Senate for the Bachelor of Maritime Studies program*” (as outlined in a memorandum dated December 8, 2006 from Dr. Peter Fisher, Head Degree Studies), the Executive Committee questioned whether or not proper consultation had occurred with the Department of English with respect to the proposed changes. As a result, it was agreed to refer this item back to the Senate Committee on Undergraduate Studies for consultation between officials of the Marine Institute and the Department of English with a view to reporting back prior to today’s meeting of Senate. However, since Senate did not receive confirmation of consultation, it was agreed to defer item “*a. The English requirement is to be consistent with that approved by Senate for the Bachelor of Maritime Studies program*” from consideration.

The motion to approve the following calendar changes which was moved by Professor Walsh, seconded by Dr. Lucas, carried.

Page 75, 2006-2007 Calendar, under the heading 4.2.1 Bachelor of Technology - Engineering and Applied Science Technology Option, in Table 3 under “Group A Electives”, add “MSTM 4070”.

Page 76, 2006-2007 Calendar, under the heading 7 Course Descriptions, add the following new course:

“4070 Special Topics in Technology will provide the opportunity for students to maintain technical currency through a review of recent advances in technology and their application to particular technical areas.
PR: Admission to the Bachelor of Technology Program
PR: MSTM 4060”

Marine Institute (cont'd)

Page 43, under the heading 1.3.1 Undergraduate Students (other than Medical Students), clause 3, remove bullets 3 and 4 that reference Technology 4100/4200, and Maritime Studies 4100/4200 and replace with the following:

“Maritime Studies/Technology Management 4100 and Maritime Studies/Technology Management 4200: \$1,154”

In clause 4, remove bullets 4 and 5 that reference Technology 4100/4200, and Maritime Studies 4100/4200 and replace with the following:

“Maritime Studies/Technology Management 4100 and Maritime Studies/Technology Management 4200: \$3,999.93”

Page 75, 2006-2007 Calendar, under the heading 4.2 Bachelor of Technology, in the second paragraph delete “MSTM 4030, 4040, 4050 may be taken as electives with the permission of the Committee on Undergraduate Studies.”

Page 75, 2006-2007 Calendar, under the heading 4.2.1 Bachelor of Technology - Engineering and Applied Science Technology Option, amend the second bullet to read as follows:

“At least one elective must be chosen from each of the groups A and B.”

Amend Table 3 Bachelor of Technology - Engineering and Applied Science Technology Option to read as follows:

“**Table 3 Bachelor of Technology - Engineering and Applied Science Technology Option**

Required Courses	Group A Electives	Group B Electives
Business 1000	Business 1201	Economics 2010
Business 2301	Business 1600	Economics 2020
Engineering 4102 or	Business 2102	Economics 3080
MSTM 4020	Business 3320	Geography 4410
English 6 credit hours	Business 3700	MSTM 4030
at the 1000 level	Business 4000	Religious Studies 3830
MSTM 4010	Business 4320 or	Sociology 2120
MSTM 4060	Psychology 3501	Sociology 4206
MSTM 4100	Business 6320	
MSTM 4200	Economics 3360	
Statistics 2500	MSTM 4003	
	MSTM 4005	
	MSTM 4040	
	MSTM 4050	
	MSTM 4070	

Page 76, 2006-2007 Calendar, under the heading 4.2.2 Bachelor of Technology - Health Sciences Technology Option, amend second bullet to read as follows:

“At least one elective must be chosen from each of the groups A, B, and C.”

Marine Institute (cont'd)

Amend Table 4 Bachelor of Technology - Health Science Technology Option to read as follows:

“**Table 4 Bachelor of Technology - Health Science Technology Option**

Required Courses	Group A Electives	Group B Electives	Group C Electives
Business 1000 Business 2301 English 6 credit hours at the 1000 level MSTM 4060 MSTM 4100 MSTM 4200 Nursing 4002 Nursing 5210	Business 1201 Business 1600 Business 2102 Business 3320 Business 3700 Business 4000 Business 4320 or Psychology 3501 Business 6320 Economics 3360 MSTM 4003 MSTM 4040 MSTM 4050	Economics 2010 Economics 2020 Economics 3080 Geography 4410 MSTM 4030 Religious Studies 3830 Sociology 2120 Sociology 4107 or Women’s Studies 4107 Sociology 4206	Biology 2040 or Biology 2041 Nursing 3023 Nursing 4701 Psychology 2010 or Psychology 2011 or Psychology 2012 Psychology 2800 Sociology 2110

New Course

4070 Special Topics in Technology will provide the opportunity for students to maintain technical currency through a review of recent advances and their application to particular technical areas.

PR: Admission to the Bachelor of Technology program

PR: MSTM 4060

87.4 School of Nursing

In a response to a question posed Dr. Tulett regarding how it can be determined whether or not a student is a registered nurse, Dr. Lefort noted that clause “4.1. Admission Requirements”, under clause 3.a., states:

“A registered Nurse is a Nurse who is currently registered in Newfoundland or eligible to register in Newfoundland, or is currently registered or eligible for registration in the province/country in which (s)he resides.”

It was then moved by Professor Walsh, seconded by Dr. Lefort and carried that the proposed calendar changes for the School of Nursing be approved.

Page 361, 2006-2007 Calendar, under the heading 5.2 3 Credit Hour Courses, in Nursing 1015, amend the co-requisites and prerequisites as follows:

“CO: NURS 1004 or 1001, NURS 1003 and Psychology 1000; or admission to the Fast-Track Option

PR: NURS 1004 or 1001, NURS 1003 and Psychology 1000; or admission to the Fast-Track Option”

In Nursing 4103, delete “OR: tutorial 2 hours per week”.

Delete Nursing 4104 and replace with the following:

School of Nursing (cont'd)

“**3104 Nursing Research** builds on previously introduced research concepts. It explores the research process and its inherent ethical and legal implications. The course focuses on the acquisitions of concepts used to critically appraise nursing research studies and examines the relevance of these studies for nursing practice.

CO: Statistics 2500 or equivalent, or Education 2900

CR: NURS 4002 and the former 4104

PR: Statistics 2500 or equivalent, or Education 2900”

Delete Nursing 1511 and replace with the following:

“**1511 Nursing Practice for Health Promotion** provides the student with opportunities to apply knowledge and practise competencies for health promotion and protection across the lifespan.

OR: 4 clinical hours per week

PR: NURS 1015 or the former NURS 1011”

Amend the co-requisites and prerequisites in Nursing 1520 as follows:

“CO: NURS 1012, 1014 or 2040, 1015 or the former 1011, 1016, and 1017

PR: NURS 1012, 1014 or 2040, 1015 or the former 1011, 1016, and 1017”

Amend the prerequisites in Nursing 2002 as follows:

“PR: NURS 1520, 2003, and 2004”

Amend the co-requisites and prerequisites in Nursing 2011 and add a new credit restriction as follows:

“CO: NURS 2511, 2003, and 2004

CR: NURS 3012

PR: NURS 1520, 2003, and 2004”

Amend the co-requisites and prerequisites in Nursing 2013 as follows:

“CO: NURS 1004 or the former 1001

PR: NURS 1004 or the former 1001”

Amend the credit restriction in Nursing 2014 as follows:

“CR: NURS 4101”

Delete Nursing 2040 and replace with the following:

“**2040 Health Assessment** focuses on the development of competencies needed to assess the health status of individuals. A systematic approach will be used for the collection and analysis of data related to the health status of the client. Interpretation of the health assessment findings and of the results of diagnostic tests will be discussed in the context of nurses’ responsibilities.

CR: NURS 1014

PR: Must be a Registered Nurse”

School of Nursing (cont'd)

Amend the prerequisite in Nursing 2230 as follows:

“PR: Must be a Registered Nurse”

In Nursing 2514 delete “CR: NURS 4310”.

Amend the prerequisite in Nursing 2700 as follows:

“PR: Must be a Registered Nurse”

Amend the prerequisite in Nursing 2740 as follows:

“PR: Must be a Registered Nurse”

Amend the prerequisite in Nursing 2990 as follows:

“PR: NURS 1004 or the former 1001, and 1014 or be a Registered Nurse”

Amend the prerequisite in Nursing 3012 as follows:

“PR: NURS 2520”

In Nursing 3111, add the following co-requisite:

“CO: NURS 3511”

Amend the co-requisite in Nursing 3512 as follows:

“CO: NURS 3012 or 2011”

Delete the credit restriction in Nursing 4002 and amend the prerequisite as follows:

“PR: Statistics 2500 or equivalent, or Education 2900, and acceptance into the Bachelor of Nursing (Post-RN) Program or admission to the Bachelor of Technology Program”

Delete the co-requisite in Nursing 4010 and amend the prerequisite as follows:

“PR: NURS 2040, 2230, 2700, 3023 or the former 3022, 4002, and a copy of your current practicing license”

Delete the credit restriction in Nursing 4101 and amend the co-requisites and prerequisites as follows:

“CO: NURS 3523 or the former 3520, 3521, 3522, and 4501; or admission to the Fast-Track Option

PR: NURS 3523 or the former 3520, 3521, 3522, or admission to the Fast-Track Option”

Delete the co-requisite and credit restriction in Nursing 4310 and add the following prerequisite as follows:

School of Nursing (cont'd)

“PR: NURS 4010, and a copy of your current practicing license”

Delete Nursing 4110 and replace with the following:

“**4110 Senior Seminar** follows the completion of two clinical courses taken during the final semester of the program. It is designed to allow students to share with peers and faculty their ability to critically discuss the professional competencies and issues in complex work-related situations. Students also report on significant aspects of the nursing roles in which they participated during one of the two clinical courses NURS 4512 and 4514.

CO: NURS 4512 and 4514; or admission to the Fast-Track Option

PR: NURS 4501, 4104, and 4103”

Delete the credit restriction in Nursing 4501 and amend the other requirements as follows:

“OR: 12 clinical hours per week during the semester for the 2007-2008 and the 2008-2009 academic years; the number of clinical hours will be reduced to 8 clinical hours per week commencing in 2009-2010 academic year”

Delete Nursing 4724.

Delete the credit restriction in Nursing 5210.

Delete the credit restriction in Nursing 5700.

Page 361, 2006-2007 Calendar, under the heading 5.2 3 Credit Hour Courses, delete Nursing 4724 and replace with the following:

“**4754 Clinical Dimensions of Professional Nursing Practice** allows students to explore in depth, concepts and practices that are relevant to all populations across a variety of care settings. Emphasis will be placed on enhancing knowledge, attitudes and skills for nursing assessment, interventions and measurement of nursing-sensitive outcomes. Students will be required to apply the knowledge gained to client situations in clinical practice.

CR: The former NURS 4724, 4720 or 4723, 4714, 4734, and 4744

PR: NURS 2040, 2230, 2700, 3023 or the former 3022, 4002, 4701, 4702 and proof of current, practicing license

OR: 72 clinical hours during the semester”

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

88.1 Master of Engineering and Doctor of Philosophy in Oil and Gas Engineering

Following an introduction of the program by Dr. Jablonski, the motion to approve the proposed Master of Engineering and Doctor of Philosophy in Oil and Gas Engineering which was moved by Dr. Jablonski, seconded by Dr. Gosine, carried.

Master of Engineering and Doctor of Philosophy in Oil and Gas Engineering (cont'd)

Page 492, 2006-2007 Calendar, under the heading 10 Regulations Governing the Degree of Master of Engineering, amend paragraph to read as follows:

“... in the following disciplines: Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering; Ocean and Naval Architectural Engineering; and Oil and Gas Engineering. At present, the following ...”

Under the subheading 10.2 Program of Study and Research, amend clause 1 to read as follows:

“1. Students enrolled ... of the following disciplines: Civil Engineering; Electrical and Computer Engineering; Mechanical Engineering, Ocean and Naval Architectural Engineering; and Oil and Gas Engineering.”

Amend the paragraph following Clause 2.d. to read as follows:

“For students enrolled in the Electrical and Computer Engineering, Mechanical Engineering, Ocean and Naval Architectural Engineering disciplines, or Oil and Gas Engineering, a program shall normally ...”

Amend Clause 3 to read as follows:

“Engi. 9002, 9015, 9110, 9113, 9114, 9115, 9210, 9420, ...”

Page 494, under the new heading 10.13 Courses, under subheading Core Courses*:, add the following courses:

“9110 Advanced Petroleum Production Engineering
9113 Phase Behaviour of Petroleum Reservoir Fluids
9114 Advanced Reservoir Engineering
9115 Safety and Risk Engineering”

Under subheading Other Courses:, add the following courses:

“9111 Well Testing
9112 Multiphase Flow
9116 Reliability Engineering
9150-59 Special Topics in Oil and Gas Engineering”

Page 539, 2006-2007 Calendar, under the heading 25.9 Engineering and Applied Science, amend paragraph to read as follows:

“The degree of Doctor of ... programs in the following disciplines, Civil Engineering, Electrical and Computer Engineering, Mechanical Engineering, Ocean and Naval Architectural Engineering, and the multidisciplinary area of Oil and Gas Engineering. At present, the following ...”

89. APPEAL TO SENATE

ECS 2006-07: #3 - Appeal against the decision of the Executive Committee of Senate to deny the student's request for a waiver of Statistics 2500 which is a required course in his/her Bachelor of Nursing (Collaborative) degree program.

The student's appeal was originally considered and denied by the Undergraduate Studies Committee, Western Regional School of Nursing. The student then appealed to the Senate Committee on Undergraduate Studies and at a meeting held on December 14, 2006, that Committee considered the appeal, and found that the procedure used by the Western School of Nursing was fair, and denied the student's request for a waiver of Statistics 2500 which is a required course in his/her Bachelor of Nursing (Collaborative) degree program.

In a letter to the Executive Committee of Senate, the student appealed the decision of the Senate Committee on Undergraduate Studies. In reviewing the case, that Committee took into account the extenuating circumstances cited in his/her appeal. However, while the Committee did recognize that the student has been dealing with very difficult circumstances, it agreed with the Senate Committee on Undergraduate Studies that to grant him/her a waiver of Statistics 2500 would jeopardize the integrity of the program and it denied the student's appeal. The Committee recommended that the student either avail of completing the course in the Winter Semester 2007 or submit a challenge for credit as per the University Regulations Clause 2.6 "Challenge for Credit".

Following receipt of this student's appeal to Senate, the Secretary of Senate requested that the Department of Mathematics and Statistics explore with the student the possibility of challenge for credit for Statistics 2500. However, in an email dated January 23, 2007, that Department advised that a challenge for credit may not be a suitable option for this student. In addition, the student has advised that he/she is unable to register for Statistics 2500 during the winter semester as it conflicts with the 12 week clinical nursing courses currently being taken.

It was then moved by Dr. Tulett, seconded by Dr. Sharpe that the student's appeal be denied.

Following considerable discussion of the case, it was moved by Dr. Ashton, seconded by Dr. McKay and carried that the motion be amended to include the phrase "*but that the student would be offered the opportunity to write a Challenge for Credit examination in Statistics 2500 prior to Spring Convocation 2007.*" The vote on the amended motion was then taken and the amended motion carried by a majority vote. Since the student is currently completing his/her program of studies at Western Regional School of Nursing and at Sir Wilfred Grenfell College where Statistics 2500 is being offered during this winter semester, Dr. John Ashton, Principal of the College, agreed to be the student's contact person with respect to the challenge for credit examination.

90. REPORT OF THE COMMITTEE ON SENATE ELECTIONS

A memorandum dated January 11, 2007, was received from the Committee on Senate Elections reporting the entitlement of each constituency to seats on Senate for the 2007-2008 academic year in accordance with the Procedures for Selection of Senate Members.

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

In providing an update on the Senate agenda for March 13, 2007, the Chairman noted that to date, no new items of business have been received. He remarked that given the unusually large number of meetings of Senate held in the last six months (six regular meetings and five special meetings), that Senate consider cancelling the March meeting. The Chair also noted that the April meeting will be busy with reports from the Committee on Honorary Degrees and Ceremonial regarding Professor Emeritus candidates, from the ad hoc Committee to Conduct a Review of the Undergraduate Appeals Procedures and the ad hoc Committee on Academic Integrity. There were no objections raised to cancelling the March 13, 2007 meeting of Senate if no new items of business are received.

- On January 10, 2007, the President was in Corner Brook to tour the upgraded Ferriss Hodgett Library, Sir Wilfred Grenfell College.

During his visit to Corner Brook, a follow-up meeting was held with Mr. Charles Pender, Mayor of Corner Brook, Ms. Mary Ann Murphy, Deputy Mayor of Corner Brook as well as Mr. Michael Dolter, Chief Administrative Officer regarding the possibility of the University acquiring the RecPlex building from the City of Corner Brook.

- On January 15, 2007, the President hosted officials from the Saudi Arabian Cultural Bureau.
- Dr. Meisen noted his participation in the orientation for new faculty which was held on January 17, 2007.
- On January 22, Dr. Meisen attended and gave a welcome at the workshop on Harassment for the Senior Academic Administrators Group.
- On January 23, 2007, Dr. Meisen co-hosted a meeting and luncheon with Deputy Ministers during which Mr. Glenn Blackwood, Executive Director, Marine Institute, gave a presentation.

On the same date, the President hosted the annual long-term service dinner where Dr. T.A. Loeffler was the key-note speaker.

- The President gave his yearly address to the St. John's Rotary on February 1, 2007 at which time, the new recruitment video, "*Rant like Rick*" was aired.
- On February 2, 2007, the President attended the Faculty of Arts James Good Scholarship reception.

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

- On February 13, 2007, the President, along with Mr. Kent Decker, Vice-President (Finance and Administration) and Dr. Eddy Campbell, Vice-President (Academic), attended a meeting with the Honourable Tom Marshall, Minister of Finance, regarding the financial position of the University.

92. ADJOURNMENT

The meeting adjourned at 5:10 p.m.

CHAIRMAN

SECRETARY