

MEMORIAL UNIVERSITY OF NEWFOUNDLAND  
SENATE

The regular meeting of Senate was held on February 10, 2015 at 4:00 p.m. in the Lecture Theatre in the Physical Education Building, Room 2001.

60. PRESENT

The President, Dr. N. Golfman, Mr. G. Blackwood, Dr. A. Surprenant (for Dr. M. Abrahams), Dr. K. Anderson, Ms. L. Busby, Dr. H. Carnahan, Ms. S. Cleyle, Mr. B. Gardiner, Dr. A. Gaudine, Dr. D. Hardy Cox, Dr. F. Murrin, Dr. G. Naterer, Dr. L. Phillips, Dr. C. Reynolds, Dr. C. Vardy (for Dr. J. Rourke), Ms. S. Singleton, Dr. E. Waterman, Dr. S. Abhyankar, Dr. F. Basset, Dr. S. Carr, Dr. J. Connor, Dr. I. Emke, Dr. A. Fiech, Professor A. Fisher, Dr. D. Ford, Dr. T. Fridgen, Dr. G. George, Dr. M. Haghiri, Dr. D. Kelly, Dr. D. McKay, Ms. C. Molloy, Dr. S. Mulay, Dr. M. Mulligan, Dr. W. Okshevsky, Mr. B. Riggs, Dr. A. Rose, Dr. K. Simonsen, Dr. D. Tulett, Professor D. Walsh, Dr. P. Wang, Dr. M. Wernerheim, Mr. H. Al-alaily, Ms. A. Gilbert, Ms. T. Nielsen, Mr. S. Kennedy, Mr. R. Leamon, Ms. K. Maxwell, Mr. R. Murphy, Mr. M. O'Keefe, Ms. E. Philpott.

61. APOLOGIES FOR ABSENCE

Apologies were received from Dr. R. Gosine (for Dr. R. Marceau), Dr. C. Marra, Mr. C. Couturier, Dr. J. Doré, Dr. I. Fleming, Dr. S. Kocabiyik, Dr. J. Lokash, Dr. W. Schipper.

62. MINUTES

It was moved by Dr. Abhyankar, seconded by Dr. George, and carried that the Minutes of the regular meeting held on January 13, 2015 be taken as read and confirmed.

**CONSENT AGENDA**

It was moved by Mr. Riggs, seconded by Dr. Murrin, and carried that the consent agenda, comprising the items listed in 63 to 66 below, be approved as follows:

63. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

63.1 School of Social Work

Page 513, 2014-2015 Calendar, under the heading 3 School Description, amend the second to last sentence of the first paragraph to read as follows:

“The program is currently accredited to January, 2018.”

School of Social Work (cont'd)

Page 514, 2014-2015 Calendar, amend section 4.1.1 Social Work Internships to read as follows:

**“4.1.1 Social Work Internships**

- In addition to their course work, students are required to complete two supervised 350-hour internships which normally occur in Fall and Winter semesters. Students are expected to be available to engage in the internship for 28 hours each week during the semester in which the internship is scheduled.
- Each internship is to be conducted in a setting and supervised by a qualified field instructor approved by the Field Education Coordinators, in compliance with the CASWE Standards for Accreditation and the relevant provincial legislation governing the practice of social work. Field instructors must possess, as a minimum qualification, a B.S.W. and/or an M.S.W. from an accredited social work program plus a minimum of two years post-degree social work employment. Qualifications will be assessed in the case of international internships.
- Students normally are expected to be available for field internships throughout the Province of Newfoundland and Labrador.
- The Field Education Coordinators are responsible for facilitating appropriate matches among students, field instructors, and field internship settings. Although consideration will be given to all factors affecting the location and type of internships, final approval of field internships rests with the Field Education Coordinators. Students who refuse an internship deemed suitable by the Field Education Coordinators may be delayed in their program or prevented from completing their program of study.
- Students are responsible for all costs associated with internships including travel, immunizations, police records/vulnerable sector checks, and accommodation.
- Students shall submit an application, including Student Brief Resume, to the Field Secretary in the preceding January for Fall semester field internships and the preceding April for Winter semester field internships.
- Students shall complete agency specific requirements, such as Criminal Record Check, Vulnerable Sector Check, Child Protection Records Check, or Health Check, before starting the internship. Students unable to meet the agency's requirements may be delayed in their program or prevented from completing their program of study. Students are required to complete and update these requirements in a timely fashion and at their own expense. The requirements and procedures of any given agency may change from time to time and are beyond the control of the University.”

School of Social Work (cont'd)

Page 514, 2014-2015 Calendar, under the heading 5.2 Application Forms and Deadlines, amend clause 3 to read as follows:

“3. Application forms are available online at [www.mun.ca/socwrk/undergraduate/apply.php](http://www.mun.ca/socwrk/undergraduate/apply.php) annually from mid November to March 1<sup>st</sup> inclusive.”

Page 518, 2014-2015 Calendar, under the heading 7.2.3 Promotion Denied, amend the fourth bullet to read as follows:

“• who has conducted him/her self in such a manner as to cause the field agency and a Field Education Coordinator to terminate the internship or who has voluntarily withdrawn from a field internship without the prior approval of a Field Education Coordinator and the Committee on Undergraduate Studies.”

Page 518, 2014-2015 Calendar, under the heading 7.4 Student Withdrawal, add a fourth clause to read as follows:

“4. Students who voluntarily withdraw from the program prior to the conclusion of the first semester and who wish to return to the program must re-apply in competition as a new applicant.”

63.2 Department of Sociology

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, regularize the special topics courses 4093 (abbreviated title, Development Sociology) and 4094 (abbreviated title, Unemployment (& Underemployment)), with course entries to read as follows:

“**4093 Development Sociology** is a seminar course focusing on theoretical and empirical explanations of development (eg. International development, foreign aid, and trade). The course provides students with an understanding of how the theories, actors, and ongoing challenges of development shape societies globally.

**4094 Unemployment (and Underemployment)** is a seminar which examines the origins and impacts of unemployment and underemployment in Newfoundland and Labrador, Canada and globally. It examines the core concepts in the sociology of unemployment and underemployment and then moves to consider the consequences for societies, communities and individuals.”

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, amend the title of the special topics block 4093-4099 to read as follows:

Department of Sociology (cont'd)

“4093-4099 (Excluding 4093, 4094, 4096) Special Areas in Sociology”

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, regularize the special topics course 4101 (abbreviated title, Modern Western State), with a course entry to read as follows:

“**4101 Modern Western State** provides a selective overview of some of the sociological debates surrounding the modern Western state. Topics may include the history and development of the modern Western state; sociological theories of the state; the state and the economy; and the state and globalization. Through this course, students will learn how the distribution of power in societies influences the character of the state and government decision making.”

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, amend the title of the special topics block 4100-4109 to read as follows:

“4100-4109 (Excluding 4100, 4101, 4104 and 4107) Special Topics in Institutional Analysis”

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, regularize the special topics course 4210 (abbreviated title, Child Sexual Abuse), with a course entry to read as follows:

“**4210 The Sociology of Child Sexual Abuse** is an advanced seminar that explores how sexual violence toward youth is constructed as a social problem. Topics include: theoretical and methodological explanations of child sexual abuse (including methodological issues on collecting data on youth, cross-cultural research), relationships between adult sexual violence and child sexual abuse, sexual perpetrators and pedophiles, the place of children in contemporary society, the experiences of child victims and professional responses to child sexual abuse.”

Page 184, 2014-2015 Calendar, under the heading 12.27 Sociology, amend the title of the special topics block 4200-4220 to read as follows:

“4200-4220 (Excluding 4201, 4204, 4210, 4212 and 4213) Special Topics in Sociology”

63.3 Department of Computer Science

Page 494, 2014-2015 Calendar, under the heading 10.4.1 First Year Courses, amend the description of the course COMP 1600 to read as follows:

“**1600 Basic Computing and Information Technology** offers an overview of information technology. It provides students with an understanding of

Department of Computer Science (cont'd)

basic concepts and necessary skills required to use spreadsheet, database and presentation software to manage, analyze and present data.”

63.4 Faculty of Business Administration

Page 203, 2014-2015 Calendar, under the heading 10.2 Core and Elective Course Descriptions, renumber BUSI 7610 to become BUSI 3610, add the sentence “This course is designed for non-accounting students.” to the end of the description, and amend the course legend to read as follows:

“CR: BUSI 7610  
PR: BUSI 1101”

Page 203, 2014-2015 Calendar, under the heading 7 Business Electives, remove BUSI 7610 from and add BUSI 3610 to “Table 3 Business Electives”.

Page 202, 2014-2015 Calendar, amend section 6.2 Finance to read as follows:

**“6.2 Finance**

Students electing a Finance concentration should complete the following courses:

1. BUSI 5500, BUSI 6100, BUSI 6110, BUSI 6510, BUSI 7010, BUSI 7500, and BUSI 7510; and
2. any two of the following courses: BUSI 6120, BUSI 6130, BUSI 6550, BUSI 7120, BUSI 7150, or Economics 3150.”

Page 203, 2014-2015 Calendar, under the heading 10.2 Core Elective Course Descriptions, amend the Prerequisite for BUSI 6410 to read as follows:

“PR: BUSI 2400, 3401”

Page 203, 2014-2015 Calendar, under the heading 10.2 Core Elective Course Descriptions, amend the Prerequisite for BUSI 6415 to read as follows:

“PR: BUSI 2400, 3401, 3700”

Page 203, 2014-2015 Calendar, under the heading 10.2 Core Elective Course Descriptions, amend the Prerequisite for BUSI 7410 to read as follows:

“PR: BUSI 2400, 3401”

Page 203, 2014-2015 Calendar, under the heading 10.2 Core Elective Course Descriptions, amend the Prerequisite for BUSI 7415 to read as follows:

“PR: BUSI 2400, 3401, 3700”

63.5 Faculty of Education

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, add Laboratory Hours to the course legend of the course ED 2520 to read as follows:

“LH: a 2 hour twice weekly laboratory section (MUN Lab Choir) designed to provide practical teaching experience and methodology in vocal/choral settings.”

Page 229, 2014-2015 Calendar, under the heading 9.8.1 Bachelor of Music Conjoint with Bachelor of Music Education, add “(including a 2 hour twice weekly laboratory component)” after the entry for ED 2520 under the Bachelor of Music Education Requirements column of Table 11.

Page 230, 2014-2015 Calendar, under the heading 9.8.2 Bachelor of Music Education as a Second Degree, add “(including a 2 hour twice weekly laboratory component)” after the entry for ED 2520 in Table 12.

Page 215, 2014-2015 Calendar, under the heading 6.1 For Non-Education Students, amend the second sentence to read as follows:

“A student... Education without acceptance to a program when space is available: 2040, 2800, 2803, 2050, 2222, 3210, 3211, 3565, 3570, 3571, and 3660.”

Page 215, 2014-2015 Calendar, under the heading 7.1 General Degree Programs, add “This Program is currently under review and is not available for admission at this time.” to the end of clause 3.

Page 216, 2014-2015 Calendar, under the heading 7.2 General Diploma Programs, add “This Program is currently under review and is not available for admission at this time.” to the end of clause 2.

Page 216, 2014-2015 Calendar, under the heading 8 Admission/Readmission Regulations for the Faculty of Education, add “Applications received or post-marked later than the stated deadline dates will be processed as time and resources permit.” to the end of clause 3.

Page 216, 2014-2015 Calendar, under the heading 8 Admission/Readmission Regulations for the Faculty of Education, amend the Application Deadline column of the table entitled Application Deadline Dates by deleting each reference to “December 1” and replacing with “January 15”.

Page 216, 2014-2015 Calendar, under the heading 8 Admission/Readmission Regulations for the Faculty of Education, amend the table entitled Application Deadline Dates by deleting both instances of the phrase “ongoing intake” and replacing with the following:

Faculty of Education (cont'd)

“This program is currently under review and is not available for admission at this time.”

Page 219, 2014-2015 Calendar, under the heading 8.3 Bachelor of Education (Native and Northern), amend the first paragraph to read as follows:

“This program is currently under review and is not available for admission at this time.”

Page 221, 2014-2015 Calendar, under the heading 8.12 Diploma in Native and Northern Education in Labrador (T.E.P.L.), amend the first paragraph to read as follows:

“This program is currently under review and is not available for admission at this time.”

Page 224, 2014-2015 Calendar, under the heading 9.3 Bachelor of Education (Native and Northern), amend to read as follows:

“This program is currently under review and is not available for admission at this time.”

Page 231, 2014-2015 Calendar, under the heading 9.11 Diploma in Native and Northern Education in Labrador, amend the first paragraph to read as follows:

“The program is currently under review and is not available for admission at this time.”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, add “These institutes may follow a schedule that falls outside of the normal teaching semester” to the end of the course description the courses ED4620-4639, 4640-4659, 4750, 4752, and 4753”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the course legend for the course ED 4750 to read as follows:

“AR: attendance is required  
OR: WHMIS training. Information can be obtained from the Office of Undergraduate Programs.”

Page 217, 2014-2015 Calendar, under the heading 8.1 Bachelor of Education (Intermediate/Secondary), amend the entry for French in the Table entitled Academic Discipline for Bachelor of Education (Intermediate/Secondary) to read as follows:

Faculty of Education (cont'd)

French - An applicant who uses French as an Academic Discipline must have completed at least eight weeks (first academic discipline) or at least four weeks (second academic discipline) at an approved Francophone institution in a French speaking area or have acquired equivalent work experience in a Francophone environment.

Page 218, 2014-2015 Calendar, under the heading 8.2 Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma in Technology Education, delete the phrase “four weeks” and replace with the phrase “eight weeks” under the entry for French in the table entitled Academic Disciplines for Bachelor of Education (Intermediate/Secondary) Conjoint with the Diploma in Technology Education.

Page 229, 2014-2015 Calendar, under the heading 2.12.2.4 French Immersion Option (as was approved at and noted in the Minutes of the September 9, 2014, meeting of Senate) delete Table 3 Bachelor of Education (Primary/Elementary) as a Second Degree French Immersion Option Program Plan, and replace with the following (*Note: Table 11 falls under sub-section 9.7.1 of section 9.7 in the 2014-2015 Calendar*):

Table 11 Bachelor of Education (Primary/Elementary) as a Second Degree, French Immersion Option

<b>Semester 1 – Spring (Professional Year)</b>	<b>Semester 2 – Fall (Professional Year)</b>	<b>Semester 3 - Winter</b>	<b>Semester 4 - Spring</b>
ED 3120 ED 3273 ED 3312 ED 3618 ED 3962 ED 4155	ED 3050 ED 3322 ED 3543 ED 3619 ED 3940 ED 3951 Non-credit field experience (ten days) in an approved French Immersion School	ED 401X in an approved French Immersion School ED 4425	ED 3131 ED 3952 ED 4240 ED 4362 ED 4383 HKR 2001



Faculty of Education (cont'd)

Page 230, 2014-2015 Calendar, under the heading 9.9 Bachelor of Special Education, amend Table 13 Bachelor of Special Education by deleting ED 3040 from the Elective Courses in Education Column and adding ED 3040 to the Required Courses in Education column, and by changing the required number of Elective credit hours from “21” to “18”.

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the course title and description of the course ED 3040 to read as follows:

**“3040 The Assessment and Development of Language Abilities (PE,SE)** focuses on techniques for assessing language abilities in primary/elementary and intermediate/secondary students and will provide models for developing strategies in implementing language instruction appropriate to students’ needs.”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the course legend of the course ED 3050 to read as follows:

“PR: French 2101

OR: for students completing the Bachelor of Education (Primary/Elementary) as a Second Degree, French Immersion Option this course will be taught in French”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the course legend of the course ED 4154 to read as follows:

“OR: This course will be taught in French.”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the course legend of the course ED 4155 to read as follows:

“OR: This course will be taught in French.”

63.6 Department of Ocean Sciences

Page 505, 2014-2015 Calendar, under the heading 10.9 Ocean Sciences, amend the course legend of the course OCSC 3002 to read as follows:

“PR: Biology 2250 or Biochemistry 2100”

Page 505, 2014-2015 Calendar, under the heading 10.9 Ocean Sciences, amend the course legend of the course OCSC 4000 to read as follows:

“PR: Biology 2122 or Biology 3709, Biology 2600 or OCSC 2000 or Environmental Science 2371, Statistics 2550 or equivalent”

63.7 Department of Chemistry

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, delete the course CHEM 1031.

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the first paragraph to read as follows:

“Chemistry courses are designated by CHEM.”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the description and legend of the course CHEM 1010 to read as follows:

“**1010 Introductory Chemistry I** examines descriptive chemistry; measurements; atoms; molecules; the mole; mole calculations and reaction stoichiometry; the balancing of redox reactions; gases; thermochemistry; introduction to chemical kinetics and equilibrium; acids and bases.

AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CR: CHEM 1200

LC: 4

LH: 3 hours biweekly alternating with tutorials

OR: 1.5 hour tutorial alternating with labs

PR: it is recommended that students have successfully completed high school Academic Mathematics 3201, or a pass in any university level mathematics course

UL: only 6 science credit hours will be awarded for a major or honours in Chemistry from the following course groups: CHEM 1010/1011/the former 1031, or CHEM 1010/1050/1051 or CHEM 1810/1200/1001 (Grenfell Campus)”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the description and legend of the course CHEM 1011 to read as follows:

“**1011 Introductory Chemistry II** examines atomic structure; periodic properties; chemical bonding including VSEPR shapes and polarity; introduction to valence bond theory and hybridization; liquids, solids and intermolecular forces; solubility equilibrium; electrochemistry.

AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CR: CHEM 1051 and CHEM 1001

LH: 3 hours biweekly alternating with tutorials

OR: 1.5 hour tutorial alternating with labs

PR: CHEM 1010

UL: only 6 science credit hours will be awarded for a major or honours in Chemistry from the following course groups: CHEM 1010/1011/the

Department of Chemistry (cont'd)

former 1031, or CHEM 1010/1050/1051 or CHEM 1810/1200/1001 (Grenfell Campus)”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the description and legend of the course CHEM 1050 to read as follows:

**“1050 General Chemistry I** builds on basic chemistry concepts from high school. Topics include gases; thermochemistry; atomic structure; periodic properties; chemical bonding including valence bond theory; hybridization and introduction to molecular orbital theory; properties of liquids and solids.

AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CR: CHEM 1200

LC: 4

LH: 3

PR: CHEM 1010 with a grade of at least 60% or high school CHEM 3202 with a grade of at least 65%. It is also recommended that students have successfully completed high school Mathematics 3200 or 3201.

UL: only 6 science credit hours will be awarded for a major or honours in Chemistry from the following course groups: CHEM 1010/1011/the former 1031, or CHEM 1010/1050/1051 or CHEM 1810/1200/1001 (Grenfell Campus)”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the description and legend of the course CHEM 1051 to read as follows:

**“1051 General Chemistry II** builds on CHEM 1050 topics and on basic chemistry concepts from high school. Topics include solutions, kinetics, chemical equilibrium, equilibria involving acids and bases including polyprotic acids, buffers, acid-base indicators, titration curves, solubility and complex ion equilibrium, thermodynamics, and electrochemistry.

AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CR: CHEM 1011 and CHEM 1001

LC: 4

LH: 3

PR: CHEM 1050

UL: only 6 science credit hours will be awarded for a major or honours in Chemistry from the following course groups: CHEM 1010/1011/the former 1031 or CHEM 1010/1050/1051 or CHEM 1810/1200/1001 (Grenfell Campus)”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the legend of the course CHEM 2301 to read as follows:

Department of Chemistry (cont'd)

“AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CO: Mathematics 2000 is recommended

CR: CHEM 2300

LH: 3

PR: minimum 60% in CHEM 1051 (or CHEM 1001 or the former CHEM 1031), Mathematics 1001 and Physics 1051 or Physics1021”

Page 491, 2014-2015 Calendar, under the heading 10.3 Chemistry, amend the legend of the course CHEM 2400 to read as follows:

“AR: attendance is required in the laboratory component of this course. Failure to attend may result in a failing grade or deregistration from the course.

CR: Chem 2440

LH: 3

CO: CHEM 1051

PR: CHEM 1050, CHEM 1051 or the former 1031; or CHEM 1010 and 1011 with a grade of at least 80% in each; or CHEM 1011 with a grade of at least 85%; or CHEM 1001 with a grade of at least 65%”

Page 497, 2014-2015 Calendar, under the heading 10.5.2 Second Year, amend the legend of the course EASC 2030 to read as follows:

“CO: EASC 2502

CR: the former EASC 203A/B

LH: 3

PR: EASC 1000 and 1002, Chemistry 1051 (or 1011 or 1001), Physics 1051 (or 1021 or 1054), and Mathematics 1000”

Page 497, 2014-2015 Calendar, under the heading 10.5.2 Second Year, amend the legend of the course EASC 2502 to read as follows:

“CO: Mathematics 1001

LH: 3

PR: EASC 1000 and 1002, Chemistry 1051 (or 1011 or 1001)”

Page 464, 2014-2015 Calendar, under the heading 9.3.2 Faculty Advisors, amend the first sentence of the Note section by deleting “Chemistry 1031” and replacing with “Chemistry 1051”.

Page 464, 2014-2015 Calendar, amend section 9.3.3 Minor in Chemistry to read as follows:

Department of Chemistry (cont'd)

**“9.3.3 Minor in Chemistry**

Candidates who take a minor in Chemistry will complete Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), Chemistry 2100, 2210, 2301 or 2302, and 2400, and 6 credit hours in other chemistry courses at the 2000 level or above.”

Page 464, 2014-2015 Calendar, under the heading 9.3.4 General Degree - Major in Chemistry, amend clause 1 to read as follows:

- “1. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), 2100, 2210, 2301, 2302, 2400, 2401, 3110, 3210, 3211, 3303, 3410, 3411, and 3500.”

Page 464, 2014-2015 Calendar, under the heading 9.3.5.1 Required Courses, amend clause 1 to read as follows:

- “1. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), 2100, 2210, 2301, 2302, 2400, 2401, 3110, 3210, 3211, 3303, 3410, 3411, 3500, 490A/B and 12 credit hours selected from the remaining 4000-level Chemistry courses.”

Page 464, 2014-2015 Calendar, under the heading 9.3.5.2 Other Information, amend clause 7b and clause 9 and add a new clause 14 to read as follows:

- “7. b. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001).
9. Students completing first year requirements for any of Chemistry, Mathematics or Physics via the three course options (i.e. Chemistry 1010, 1050, 1051 (or 1010, 1011, and the former 1031), Mathematics 1090... an Honours degree.
14. For students who wish to complete the Environmental Science (Chemistry Stream) Major or Honours see the Grenfell Campus section of the Calendar.”

Page 465, 2014-2015 Calendar, under the heading 9.3.6.1 Required Courses, amend clause 1 to read as follows:

- “1. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), 2100, 2210, 2301, 2302... 4<sup>th</sup> year level.”

Page 465, 2014-2015 Calendar, under the heading 9.3.6.2 Suggested Program of Study, amend clause 2 to read as follows:

Department of Chemistry (cont'd)

“2. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001).”

Page 465, 2014-2015 Calendar, under the heading 9.3.7.1 Required Courses, amend clause 1 to read as follows:

“1. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), 2100, 2210, 2301, 2302... 4<sup>th</sup> year level.”

Page 465, 2014-2015 Calendar, under the heading 9.3.7.2 Suggested Program of Study, amend clause 2 to read as follows:

“2. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001).”

Page 465, 2014-2015 Calendar, under the heading 9.3.7.3 Other Information, amend clause 4 to read as follows:

“Students completing first year requirements for any of Chemistry, Mathematics or Physics via the three course options (i.e. Chemistry 1010, 1050 and 1051 or 1010, 1011, the former 1031, Mathematics 1090, 1000, 1001, Physics 1020, 1021, 1051) instead of the two course options (Chemistry 1050, 1051, Chemistry 1200, 1001, Mathematics... an Honours degree.”

Page 468, 2014-2015 Calendar, under the heading 9.5.4.1 Common Block of Required Courses, amend clause 1 to read as follows:

“1. English 1080 and 1110 (or equivalent), Mathematics 1000 and 1001, Earth Sciences 1000 and 1002, one of Chemistry 1050 or 1010 or 1200 and one of Chemistry 1051 or 1011 or 1001, Physics 1050 and 1051... Calendar entry for these courses.”

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, amend 1.b. to read as follows:

“b. Chemistry 1050 and 1051 (or 1200 and 1001)”

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, amend 2.e. and 2.f. to read as follows:

“e. Chemistry 1051 is a required course for the Major in Biochemistry and must normally be completed prior to entrance into 2<sup>nd</sup> year Chemistry and Biochemistry courses. Students who do not meet the requirements for entry into Chemistry 1050 from high school can first take Chemistry 1010 followed by Chemistry 1050 and 1051.

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f. Chemistry 2301, or Physics 2053; Chemistry 2400, 2401.”

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, delete Note 2.

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend 1.b. to read as follows:

“b. Chemistry 1050 and 1051 or 1200 and 1001”

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend 2.f. and 2.g. to read as follows:

f. Chemistry 1051 is a required course for the major in Biochemistry and must normally be completed prior to entrance into 2<sup>nd</sup> year chemistry and biochemistry courses. Students who do not meet the requirements for entry into Chemistry 1050 from high school can take Chemistry 1010 followed by Chemistry 1050 and 1051. It is strongly recommended that these students complete Chemistry 1051 prior to second year.

g. Chemistry 2301 or physics 2053, Chemistry 2400, 2401, one of Chemistry 3410 or 3411.”

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, delete Note 1.

Page 445, 2014-2015 Calendar, under the heading 5.1.1 Applied Mathematics and Chemistry Joint Honours (B.Sc. Only), amend clause 6 to read as follows:

“6. Chemistry 1050 and 1051 (or 1010, 1011 and the former 1031) (or 1200 and 1001), 2100, 2210... 3303, 3500.”

Page 445, 2014-2015 Calendar, under the heading 5.1.3 Biochemistry and Cell Biology Joint Honours, amend the first paragraph to read as follows:

“Students must have... Chemistry 1050 and 1051 (or 1200 and 1001), Physics 1050 (or 1020) and 1051.”

Page 445, 2014-2015 Calendar, under the heading 5.1.3 Biochemistry and Cell Biology Joint Honours, amend clause 4 to read as follows:

“Chemistry 2100, 2301, 2400, 2401; either 3410 or 3411.”

Page 446 2014-2015 Calendar, under the heading 5.1.4 Biochemistry and Physics Joint Honours, delete “(or their equivalents)” from the first sentence;

Department of Chemistry (cont'd)

delete “2300 or” from clause 3; delete the Note section from clause 4; and amend clause 1 to read as follows:

- “1. Chemistry 1050 and 1051 (or Chemistry 1010, 1011 and 1031) (or 1200 and 1001), Mathematics... highly recommended.”

Page 446, 2014-2015 Calendar, under the heading 5.1.5 Biochemistry and Physics Joint Honours, amend clause 1 and clause 3 to read as follows:

- “1. English 1080... and 1031) (or 1200 and 1001), Mathematics... and 1051
3. Chemistry 2301, or Physics 2053”

Page 446, 2014-2015 Calendar, under the heading 5.1.6 Biochemistry and Psychology (Behavioural Neuroscience) Joint Honours, amend clause 1 and clause 5 to read as follows:

- “1. Chemistry 1050 and 1051 (or 1200 and 1001), Biology... and 1110.
5. Chemistry 2301, 2400, 2401.”

Page 448, 2014-2015 Calendar, under the heading 5.1.15 Computer Science and Physics Joint Honours, add “(or 1200 and 1001)” to the end of clause 1.

Page 449, 2014-2015 Calendar, under the heading 5.1.19 Earth Sciences and Physics Joint Honours, amend clause 1 to read as follows:

- “1. English 1080... 1002, Chemistry 1050 and 1051 (or Chemistry 1010 and 1011) (or 1200 and 1001), Physics 1050 (or 1020) and 1051.”

Page 451, 2014-2015 Calendar, under the heading 5.2.9 Earth Sciences and Physics Joint Major, amend clause 1 to read as follows:

- “1. English 1080... 1002, Chemistry 1050 and 1051 (or Chemistry 1010 and 1011) (or 1200 and 1001), Physics 1050 (or 1020) and 1051.”

Page 465, 2014-2015 Calendar, amend section 9.3.6.1 Required Courses to read as follows:

**“9.3.6.1 Required Courses**

1. Chemistry 1050 and 1051 (or 1010, 1011 and 1031) or equivalent, 2100, 2210, 2301 (or 2300), 2302, 2400, 2401, 3210 or 3211, 3303, 4304, 4305.
2. Physics 1050 (or 1020 and 1021), 1051, and 2820.



Department of Chemistry (cont'd)

3. Mathematics 1000, 1001, 2000, 2050, 2051, 2260 (or 3260), and 3202.
4. Computer Science 1510, 1710, and 2710,
5. Computer Science 2500 or 2711.
6. Computer Science 3731 or Mathematics 3132.
7. English 1080 and English 1110 or equivalent.
8. A sufficient number of elective courses to bring the degree up to a total of 120 credit hours must also be completed.”

Page 465, 2014-2015 Calendar, amend section 9.3.7 Honours Degree in Computational Chemistry, to read as follows:

**“9.3.7 Honours Degree in Computational Chemistry**

Students wishing to take Honours in Computational Chemistry should consult those sections of the Calendar dealing with **Regulations for the Honours Degree of Bachelor of Science**. The Honours program in Computational Chemistry consists of a minimum of 39 credit hours in Chemistry, a minimum of 21 credit hours in Mathematics, a minimum of 15 credits in physics, and a minimum of 15 credit hours in Computer Science. An additional 3 credit hours in recommended Chemistry, Mathematics, Biochemistry, Physics, or Computer Science courses are also required in addition to the minimum credit hour requirements.”

Page 465, 2014-2015 Calendar, amend section 9.3.7.1 Required Courses to read as follows:

**“9.3.7.1 Required Courses**

1. Chemistry 1050 and 1051 (or 1010, 1011 and 1031) or equivalent, 2100, 2210, 2301 (or 2300), 2302, 2400, 2401, 3210 or 3211, 3303, 4304, and 4305.
2. Physics 1050 (or 1020 and 1021), 1051, and 2820.
3. Mathematics 1000, 1001, 2000, 2050, 2051, 2260 (or 3260), and 3202.
4. Computer Science 1510, 1710, 2710
5. Computer Science 2500 or 2711
6. Computer Science 3731 or Mathematics 3132.
7. Chemistry 490A/B.
8. English 1080 and English 1110 or equivalent.
9. 3 additional credit hours in chemistry, mathematics, computer science, biochemistry, or physics at the 2000 level or above.
10. A sufficient number of elective courses to bring the degree up to a total of 120 credit hours must also be completed.”

63.8 Department of Biochemistry

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, amend clause 1.d. to read as follows:

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

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, put parentheses around “See Note 2 below” in clause 2.e., and amend clause 2.d. to read as follows:

“d. Biology 1001 and 1002; Mathematics 1001; and Physics 1050 (or 1020), 1051 (or 1021) for those students who did not complete them in first year. (See Notes 2, 3 below).”

Page 456, 2014-2015 Calendar, under the heading 9.1.2 Major in Biochemistry, add new notes (to be 2 and 3) to the Notes section under 2.g., renumbering remaining notes accordingly, to read as follows:

“2. Students taking Mathematics 1000 should take Physics 1050 as their first physics course.

3. It is recommended that students who wish to pursue future studies in biophysics or related fields or who are considering postgraduate health professional programs take physics 1050 as their first physics course.”

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend clause 1.d. to read as follows:

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

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend clause 3.e. to read as follows:

“e. Biology 1001 and 1002; Mathematics 1001; and Physics 1050 (or 1020), 1051 (or 1021), for those students who did not complete them in first year. (see Notes 1, 2 below)”

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, amend the reference to Notes at the end of clause 3.f. to read as follows:

“(see Note 3 below)”

Department of Biochemistry (cont'd)

Page 457, 2014-2015 Calendar, under the heading 9.1.2.1 Honours Degree in Biochemistry, add new notes (to be 1 and 2) to the Notes section under 3.i., renumbering remaining notes accordingly, to read as follows:

- “1. Students taking Mathematics 1000 should take Physics 1050 as their first physics course.
2. It is recommended that students who wish to pursue future studies in biophysics or related fields or who are considering postgraduate health professional programs take physics 1050 as their first physics course.”

Page 445, 2014-2015 Calendar, under the heading 5.1.3 Biochemistry and Cell Biology Joint Honours, amend the end of the first paragraph to read as follows:

“... Physics 1050, (or 1020), 1051 (or 1021).”

Page 446, 2014-2015 Calendar, under the heading 5.1.6 Biochemistry and Psychology (Behavioural Neuroscience) Joint Honours, amend clause 1 to read as follows:

“1. Chemistry... Physics 1050, (or 1020), 1051 (or 1021), English 1080 and 1110.”

63.9 Department of Earth Sciences

Page 469, 2014-2015 Calendar, under the heading 9.5.5 Honours B.Sc. Degree in Earth Sciences, amend the second sentence of clause 3 to read as follows:

“Credit hours from Earth Sciences courses, courses that are cross-listed with Earth Sciences courses, and the former Physics 2050 are excluded.”

Page 469, 2014-2015 Calendar, under the heading 9.5.6 General B.Sc. Degree in Earth Sciences, amend the second sentence of clause 2 to read as follows:

“Credit hours from Earth Sciences courses, courses that are cross-listed with Earth Sciences courses, and the former Physics 2050 are excluded.”

Page 497, 2014-2015 Calendar, under the heading 10.5 Earth Sciences, amend numbers 6 and 7 of the Second Digit listing to read as follows:

- “6 - environmental geoscience and technical fields
- 7 - sedimentation, petroleum geology and geomorphology”

Department of Earth Sciences (cont'd)

Page 497, 2014-2015 Calendar, under the heading 10.5 Earth Sciences, change the course number of EASC 4602 to “EASC 4702,” and amend the Credit Restriction to read as follows:

“CR: EASC 4601 and the former EASC 4602”

Page 497, 2014-2015 Calendar, under the heading 10.5 Earth Sciences, change the course number of EASC 4603 to “EASC 4704,” and amend the Credit Restriction to read as follows:

“CR: EASC 4601 and the former EASC 4603”

63.10 Faculty of Education

Page 226, 2014-2015 Calendar, under the heading 9.4 Bachelor of Education (Post-Secondary) as a First Degree, delete the course ED 4450 from the Required Courses column and insert the course ED 2900 into the Elective Courses column of Table 5.

Page 226, 2014-2015 Calendar, under the heading 9.5 Bachelor of Education (Post-Secondary) as a Second Degree, insert the course ED 2900 after “6 additional credit hours chosen from” in the Elective Courses in Education column of Table 6.

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the description of the course ED 2730 to read as follows:

**“2730 General Methods of Teaching in Post-Secondary Education (AL, PS)** is an introduction to teaching and learning methods in post-secondary and adult learning contexts and it includes preparation, learning goals, aligning assessment and a range of methods such as facilitation, lecturing, active learning, experiential learning and problem-based learning.”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, amend the title and description of the course ED 2801 to read as follows:

**“2801 Adult Learning (AL, PS)** examines the major foundational theories of adult learning, the contextual nature of adult learning and various dimensions of learning and development throughout adulthood.”

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, add Laboratory Hours to the course legend of ED 2900 to read “LH: 2”, and amend the title of the course ED 2900 to read as follows:

Faculty of Education (cont'd)

**“2900 Introduction to Statistics in Education (PE, PS, ME)”**

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, add the sentence “This course is normally offered in a three week accelerated format in the Summer Session.” to the end of the description for the course ED 3750.

Page 232, 2014-2015 Calendar, under the heading 15 Course Descriptions, add the sentence “This course is normally offered in a three week accelerated format in the Summer Session.” to the end of the description for the course ED 3751, and add the following Attendance Requirement to the course legend of ED 3751:

“AR: attendance is required”

63.11 Department of Mathematics and Statistics

Page 501, 2014-2015 Calendar, under the heading 10.8.3 Mathematics Courses, amend the course MATH 3132 by adding “, and numerical methods for initial value problems.” to the end of the description.

Page 501, 2014-2015 Calendar, under the heading 10.8.3 Mathematics Courses, amend the course MATH 3161 by deleting “numerical methods for initial value problems,” from the description and adding “, and advanced topics in ordinary differential equations.” to the end of the description.

Page 330, 2014-2015 Calendar, under the heading 12.20 Mathematics and Statistics, amend the course MATH 3132 by adding “, and numerical methods for initial value problems.” to the end of the description.

Page 501, 2014-2015 Calendar, under the heading 10.8.1 Foundation Courses, add Laboratory Hours to read “LH: 2” to the course legends of the following courses:

“102F, 102N, 103F, 104F”

Page 453, 2014-2015 Calendar, under the heading 6.3 Regulations to Govern Supplementary Examinations in the Departments of Biochemistry, Computer Science, Mathematics and Statistics, and Physics and Physical Oceanography, add “Mathematics and Statistics,” after Computer Science in the first sentence; and also from the first sentence delete “, and all Mathematics and Statistics courses”.

Department of Mathematics and Statistics (cont'd)

Page 501, 2014-2015 Calendar, under the heading 10.8.3 Mathematics Courses, amend the description for the course MATH 2000 to read as follows:

“**2000 Calculus III** is an introduction to infinite sequences and series, and to the differential and integral calculus of multivariate functions. Topics include tests for the convergence of infinite series, power series, Taylor and Maclaurin series, complex numbers including Euler’s formula, partial differentiation, and double integrals in Cartesian and polar coordinates.”

Page 330, 2014-2015 Calendar, under the heading 12.20 Mathematics and Statistics, amend the description for the course MATH 2000 to read as follows:

“**2000 Calculus III** is an introduction to infinite sequences and series, and to the differential and integral calculus of multivariate functions. Topics include tests for the convergence of infinite series, power series, Taylor and Maclaurin series, complex numbers including Euler’s formula, partial differentiation, and double integrals in Cartesian and polar coordinates.”

63.12 Department of German and Russian

Page 167, 2014-2015 Calendar, under the heading 12.13.1 Russian, change Special Topics course Russian 3003 (abbreviated title: Russo-Soviet Film Until 1948) to a regular course offering as follows:

“**3003 Russian and Soviet Film Until 1948** begins with the origins of film in Russia in the late imperial era, and then proceeds to follow the development of film in Russia and the Soviet Union until the death of Sergei Eisenstein following World War II. Our focus is on a selection of artistically, culturally, and politically important films from this period.

UL: may not be used as part of the Faculty of Arts requirement of 6 credit hours in a second language”

Page 167, 2014-2015 Calendar, under the heading 12.13.1 Russian, amend the course Russian “3000-3009 (Excluding 3005) Special Topics in Russian Studies” to read “3000-3009 (Excluding 3003 & 3005) Special Topics in Russian Studies”.

63.13 Certificate in Criminology

Page 102, 2014-2015 Calendar, under the heading 8.4.3 Regulations for the Certificate in Criminology, amend the first three paragraphs and Table 1 to read as follows (no changes to Table 2):

Certificate in Criminology (cont'd)

“The Certificate in Criminology consists of 21 credit hours as prescribed below. Six credit hours must be at the 3000-level or higher and no more than 15 credit hours shall be in a single discipline:

1. 12 credit hours in Sociology 1000, 2300, 3290, and 3395;
2. 3 credit hours in either Law and Society 1000 or Law and Society 2000;
3. 6 additional credit hours at the 2000-level or above chosen from **Table 1 Courses Approved for the Certificate in Criminology.**

Not all courses are offered every semester. Students are strongly advised to consult with the Program Co-ordinator for assistance with course planning. Students who complete 3 credit hours in a research methods course in Psychology (2910, 2911, 2920, 2925 (Grenfell Campus Only)) or Sociology (3040, 3041) shall, for the purposes of the Certificate, be deemed to have fulfilled 3 credit hours in Sociology 2300.

Students are advised to generally follow the suggested course sequencing presented in **Table 2 Suggested Course Sequencing for the Certificate in Criminology.**

**Table 1 Courses Approved for the Certificate in Criminology**

<b>Core Courses</b>	<b>Other Approved Courses</b>
Law and Society 1000 or 2000 Sociology 1000, 2300, 3290, 3395	Philosophy 2591 Police Studies 2000, 2200, 3100 Political Science 3620, 3820 Psychology 2150, 2800, 3640 Sociology 3306, 4080, 4099, 4212

63.14 Department of Earth Sciences

Page 499, 2014-2015 Calendar, under the heading 10.5.4 Fourth Year, insert a new course “4405 Field Course on the Geology of Newfoundland” (abbreviated title: Geology of Newfoundland) to read as follows:

“**4405 Field Course on the Geology of Newfoundland** is a field-based course consisting of in-class lectures and student seminars, and a week-long field trip within the island of Newfoundland. The classroom portion of the course may be offered in an accelerated format. The course provides an introduction to the geological history and tectonic development of Newfoundland. The field portion of the course will normally be offered during a special session either preceding or following any given semester.  
OR: lecture and field-based course

Department of Earth Sciences (cont'd)

PR: 15 credit hours in Earth Sciences at the 3000 and/or 4000 levels including EASC 3420, and permission of the instructor.”

Page 499, 2014-2015 Calendar, under the heading 10.5.4 Fourth Year, insert a new course “4620 Contaminant Hydrogeology” (abbreviated title: Contaminant Hydrogeology) to read as follows:

“**4620 Contaminant Hydrogeology** examines the physical and chemical processes controlling groundwater contamination. Methods for numerical modeling of groundwater flow and contaminant transport are discussed. Students gain hands-on experience in using computer software packages to solve practical problems.

PR: EASC 3610 (or the former EASC 4610) or ENV5 4479 or permission of instructor

LH: 3”

Page 499, 2014-2015 Calendar, under the heading 10.5.4 Fourth Year, renumber the course “4610 Hydrogeology” to read “3610 Hydrogeology” and move under the heading 10.5.3 Third Year. Add a new credit restriction and amend the prerequisites for EASC 3610 as follows:

“CR: Environmental Science 4479 and the former EASC 4610

PR: Physics 1051 (or 1021); Mathematics 2000 or Statistics 2550 or the former Statistics 2510; EASC 2502”

Page 323, 2014-2015 Calendar, under the heading 12.11.3 Other Environmental Science, add a new credit restriction to ENV5 4479 as follows:

“CR: EASC 3610 and the former EASC 4610”

63.15 Department of Psychology

Page 507, 2014-2015 Calendar, under the heading 10.11.1 Non-Restricted Courses, amend the title and description of the course “2010 The Psychology of Human Development I” to read as follows:

“**2010 Biological and Cognitive Development** is a survey of principles underlying human development from the prenatal stage to adolescence. Topics covered will include biological, physical, linguistic, sensory, cognitive and intellectual changes.”



Department of Psychology (cont'd)

Page 507, 2014-2015 Calendar, under the heading 10.11.1 Non-Restricted Courses, amend the course number, title, description and legend of the course “2011 The Psychology of Human Development II” to read as follows:

**“2020 Social and Personality Development** is an examination of relevant research on human socialization and personality development with special emphasis on parenting influences, attachment, imitation, sex role and moral development in childhood and adolescence.

CR: PSYC 2025 and the former PSYC 2011

PR: PSYC 1000 and 1001

UL: cannot be used towards the Psychology major”

Page 507, 2014-2015 Calendar, under the heading 10.11.1 Non-Restricted Courses, amend the course number, title, and legend of the course “2012 Adult Development from Young Adulthood to Old Age” to read as follows:

**“2030 Adult Development**

CR: the former PSYC 2012 and the former PSYC 3052

PR: PSYC 1000 and 1001

UL: cannot be used towards the Psychology major”

Page 333, 2014-2015 Calendar, under the heading 12.24.1 Survey Courses, amend the credit restriction for Psychology “2025 Survey of Developmental Psychology” to read as follows:

“CR: Psychology 2010, Psychology 2020 and the former Psychology 2011”

Page 516, 2014-2015 Calendar, under the heading 6.1 Bachelor of Social Work (as a First Degree), in the table entitled “Table 1 Bachelor of Social Work (as First Degree)”, in the “Year 2 Fall” row of the “Required Courses”, amend “Psychology 2010 or Psychology 2011” to read as follows:

“Psychology 2010 or Psychology 2020”

Page 516, 2014-2015 Calendar, under the heading 6.1 Bachelor of Social Work (as a First Degree), in the table entitled “Table 1 Bachelor of Social Work (as First Degree)”, in the “Year 2 Winter” row of the “Required Courses”, amend “Psychology 2010 or Psychology 2011” to read as follows:

“Psychology 2010 or Psychology 2020”

Page 281, 2014-2015 Calendar, under the heading 6.2.2 Bachelor of Technology - Health Science Technology Option, in the table entitled “Table 4 Bachelor of Technology - Health Science Technology Option”, in the row

Department of Psychology (cont'd)

under “Group C Electives” amend “Psychology 2011” to read “Psychology 2020” and amend “Psychology 2012” to read “Psychology 2030”.

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, amend the title and the course description of the course “2520 Mind and Brain” (abbreviated title: Introduction to Neuroscience) to read as follows:

**“2520 Introduction to Behavioural Neuroscience** is based on the idea that psychological and neuroscience research efforts are synergistic. Neuroscience research can reveal mechanisms that help explain the mind and behavior, while concepts developed by psychological research often define the topics that neuroscience investigates. The course will survey a broad range of topics that include the fundamentals of neuroanatomy, neurophysiology, and neurodevelopment, as well as higher level functions such as motivation, emotion, sleep, memory, language, and mental illness.”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, amend the title, course description and legend of the course “3250 Learning (formerly PSYC 2250)” (abbreviated title: Neurobiology of Learning) to read as follows:

**“3250 Neurobiology of Learning and Memory** examines how organisms adjust their behaviour to regularities in the environment as a result of experience. Experience changes behavior by modifying the nervous system. We will take a multidisciplinary approach, combining information from psychology and neuroscience, to study learning and memory. Students will gain an understanding of sensitization, habituation, and classical and operant conditioning using animal models, with a particular emphasis on the synaptic and molecular changes that occur with learning and memory.

PR: PSYC 2520, 2930 and 2911, and admission to a Major in Psychology or Behavioural Neuroscience”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, amend the title and legend of the course “3800 Neuroscience” (abbreviated title: Neuroscience) to read as follows:

**“3800 Cellular Neuroscience**

PR: PSYC 2520, 2930 and 2911, Biology 1001 and 1002, and admission to a Major in Psychology or Behavioural Neuroscience”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, delete the course “2570 Understanding Individual Differences” in its entirety.

Department of Psychology (cont'd)

Page 477, 2014-2015 Calendar, under the heading 9.11.3 Requirements for a Major in Psychology, amend clauses 1.a. and 1.b. as follows:

- “a. Psychology 1000, 1001, 2520, 2930, 2910, 2911
- b. Twelve credit hours in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750, 3800”

Page 477, 2014-2015 Calendar, under the heading 9.11.3 Requirements for a Major in Psychology, amend the note following clause 2.d. as follows:

*“Note: Biology/Psychology 4701 and Biology 3053 cannot be used to satisfy the requirement of 6 laboratory credit hours at the 2000 level or above in either Biology, Chemistry, or Physics.”*

Page 477, 2014-2015 Calendar, under the heading 9.11.4 Requirements for Honours in Psychology, amend clause 1.a. as follows:

- “a. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3900, 4910, 499A/B”

Page 477, 2014-2015 Calendar, under the heading 9.11.5 Requirements for a Major in Behavioural Neuroscience (B.Sc. Only), amend clauses 1.a, 1.b, and 1.c. as follows:

- “a. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3250, 3800, 3820
- b. Three credit hours in Psychology chosen from the following: 3050, 3100, 3350, 3450, 3620, 3650, 3750
- c. Any research experience course and one of Psychology 4250, 4251, 4850 or 4851; or, any selected topics course and one of Psychology 4270 or 4870”

Page 477, 2014-2015 Calendar, under the heading 9.11.6 Requirements for Honours in Behavioural Neuroscience (B.Sc. Only), amend clause 1 as follows:

- “1. Honours students in Behavioural Neuroscience are required to complete the following Psychology courses: 1000, 1001, 2520, 2930, 2910, 2911, 3250, 3800, 3820, 3900, 499A/B, one further course in Psychology chosen from the following: 3050, 3100, 3350, 3450, 3620, 3650, 3750; any research experience course and one of Psychology 4250, 4251, 4850 or 4851; or, any selected topics course and one of Psychology 4270 or 4870.”

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Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.A. in Psychology (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”; and

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”.

Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.A.(Honours) in Psychology (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”; and

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”.

Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.Sc. in Psychology (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”; and

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”.

Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.Sc.(Honours) in Psychology (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”; and

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”.

Department of Psychology (cont'd)

Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.Sc. in Behavioural Neuroscience (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”;

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”;

(iii) in the “Fall Semester 5” row of the “Suggested Courses”, delete “3000 level Core”; and delete “Elective or Science requirement” and replace with “Psychology 3750”;

(iv) in the “Winter Semester 6” row of the “Suggested Courses”, amend “Psychology 3801” to read “Psychology 3820”;

(v) in the “Fall Semester 7” row of the “Suggested Courses”, amend “Research Experience” to read “a Research Experience course”; and

(vi) in the “Fall Semester 8” row of the “Suggested Courses”, delete “4000 Level Psychology” and add to the end of the listing “a Selected Topics course”.

Page 480, 2014-2015 Calendar, under the heading 9.11.9 Suggested Course Sequences, in the table entitled “Suggested Course Sequence for B.Sc.(Honours) in Behavioural Neuroscience (Co-operative)”,

(i) in the “Fall Semester 3” row of the “Suggested Courses”, amend “Psychology 2520 (or 2570)” to read “Psychology 2520 or Psychology 2930”;

(ii) in the “Winter Semester 4” row of the “Suggested Courses”, amend “Psychology 2570 (or 2520)” to read “Psychology 2930 or Psychology 2520”;

(iii) in the “Fall Semester 5” row of the “Suggested Courses”, delete “3000 Level Core” and insert a new line “Psychology 3250” before the line “Psychology 3800”;

(iv) in the “Winter Semester 6” row of the “Suggested Courses”, delete “3000 Level Core”, amend “Psychology 3801” to read “Psychology 3820”, and add a new line “Psychology 3750” before the line “Psychology 3820”;

Department of Psychology (cont'd)

(v) in the “Fall Semester 7” row of the “Suggested Courses”, delete “Elective or Science requirement” and replace with “3000-Level Core” and amend “Research Experience” to read “a Research Experience course”; and

(vi) in the “Fall Semester 8” row of the “Suggested Courses”, delete “4000 Level Psychology” and add to the end of the listing “a Selected Topics course”.

Page 446, 2014-2015 Calendar, under the heading 5.1.6 Biochemistry and Psychology (Behavioural Neuroscience) Joint Honours, delete the note following clause 2 and amend clause 3 to read as follows:

“3. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3800, 3820, 3900, two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; any research experience course and one of Psychology 4250, 4251, 4850 or 4851; or, any selected topics course and one of Psychology 4270 or 4870.”

Page 446, 2014-2015 Calendar, under the heading 5.1.7 Biochemistry (Nutrition) and Psychology (Behavioural Neuroscience) Joint Honours, amend clause 3 to read as follows:

“3. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3800, 3820, 3900; two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; any research experience course and one of Psychology 4250, 4251, 4850 or 4851; or, any selected topics course and one of Psychology 4270 or 4870.”

Page 447, 2014-2015 Calendar, under the heading 5.1.9 Biology and Psychology Joint Honours, amend clause 2 to read as follows:

“2. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3250, 3800; 3900, 4910; one of the following: 3050, 3100, 3350, 3450, 3620, 3650; one further 4000 level Psychology research experience course.”

Page 447, 2014-2015 Calendar, under the heading 5.1.10 Biology and Psychology (Behavioural Neuroscience) Joint Honours, amend clause 2 to read as follows:

“2. Psychology 1000, 1001, 2520, 2930, 2910, 2911, 3800, 3820, 3900; two further courses in Psychology chosen from the following: 3050, 3100, 3250, 3350, 3450, 3620, 3650, 3750; any research experience course and one of Psychology 4250, 4251, 4850 or 4851; or, any selected topics course and one of Psychology 4270 or 4870.”

Department of Psychology (cont'd)

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, insert a new course “2930 Research and Writing in Psychology” (abbreviated title: Research and Writing in Psychology) to read as follows:

**“2930 Research and Writing in Psychology** is an introduction to the fundamentals of preparing psychology reports, emphasizing organization, correct use of terminology, adherence to appropriate discipline style, concise and accurate description, preparation of abstracts, and integration of numerical data. Topics for reports will be selected each semester by the instructor.

PR: Admission to a Major in Psychology or Behavioural Neuroscience

UL: May not be used towards the Faculty of Arts CRW requirement or the former R/W requirement”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, insert a new course “3820 Research Techniques in Behavioural Neuroscience” (abbreviated title: Techniques in Behavioural Neuroscience) to read as follows:

**“3820 Research Techniques in Behavioural Neuroscience** allows students to increase their understanding of how knowledge is generated in the study of neuroscience and behaviour. Students will visit various laboratories on campus that are engaged in research relevant to these fields. In addition to observations and hands-on tutorials, readings, discussions, and writing assignments will strengthen students’ understanding of the techniques used to answer specific research questions in neuroscience and behaviour.

PR: PSYC 2520, 2930 and 2911, Biology 1001 and 1002, and admission to a Major in Psychology or Behavioural Neuroscience”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, insert a new course “3830 Behavioural Endocrinology” (abbreviated title: Behavioural Endocrinology) to read as follows:

**“3830 Behavioural Endocrinology** explores the behavioural effects of hormones and the question of how hormones act on the brain to influence behaviour. Topics include: basic concepts in neuroendocrinology, reproductive behaviour (sexual and parental), sexual differentiation of the brain and behaviour, aggressive behaviour, and the neuroendocrinology of stress, including the effects of stress on the brain and behaviour.

PR: PSYC 2520, 2930 and 2911, Biology 1001 and 1002, and admission to a Major in Psychology or Behavioural Neuroscience”

Page 508, 2014-2015 Calendar, under the heading 10.11.2 Majors Courses, insert two new courses “3510 Directed Study” and “3511 Directed Study” (abbreviated title: Directed Study) to read as follows:

Department of Psychology (cont'd)

**“3510 Directed Study** provides an opportunity to work with an individual faculty member on a research project. The student will submit a formal written report of the research conducted. Permission of the instructor is required.

PR: PSYC 2910, 2911 and 2930 and admission to a Major in Psychology or Behavioural Neuroscience

**3511 Directed Study** provides an opportunity to work with an individual faculty member on a research project. The student will submit a formal written report of the researched conducted. Permission of the instructor is required.

PR: PSYC 2910, 2911 and 2930 and admission to a Major in Psychology or Behavioural Neuroscience”

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

64.1 Economics

Page 555, 2014-2015 Calendar, under the heading 8.8.3 Courses, add the course “6025 Labour Economics”.

64.2 Religious Studies

Page 570, 2014-2015 Calendar, under the heading 8.20.2 Program of Study, amend clauses 1.e. and 2.c. to read as follows:

“1.e. Students in the M.A. with Thesis Option must complete four required courses. Typically the four required courses are: RS 6100 Methods and Theories in Religious Studies; RS 6110 Thesis Writing; RS 6120 Studies in Religious Texts; and RS 6130 Religious Contexts.

2.c. Students in the M.A. with a Project option must complete five required courses and at least one other from the course list. This may be from a cognate discipline (upon approval). Typically, the five required courses are: RS 6100 Methods and Theories in Religious Studies; RS 6110 Thesis Writing; RS 6120 Studies in Religious Texts; RS 6130 Religious Contexts; and RS 699A/B Advanced Research in Religious Studies.”

Page 570, 2014-2015 Calendar, under the heading 8.20.3 Courses, insert the following new course RELS 6110 as follows:

“6110 Thesis Writing”



64.3 Master of Employment Relations Program

Page 586, 2014-2015 Calendar, under the heading 12.2 Qualifications for Admission, amend clauses 2.a. and 2.b. to read as follows:

- “a. An undergraduate degree, normally with a minimum degree average of 70% from an institution recognized by Senate; and
- b. An undergraduate course in statistics, microeconomics, and one of organizational behaviour, sociology of work or labour history from an institution recognized by Senate, normally with a minimum grade of 70% in each course.”

Page 586, 2014-2015 Calendar, under the heading 12.2 Qualifications for Admission, add a new clause 3 and renumber the existing clauses to read as follows:

- “3. It is highly recommended that non-Canadian applicants: i) submit a sample of their academic writing and, ii) achieve a satisfactory result on the Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE).”

Page 586, 2014-2015 Calendar, under the heading 12.2 Qualifications for Admission, amend the last two sentences of the newly renumbered clause 4 to read as follows:

“Applicants without an undergraduate degree must have completed one or more undergraduate courses in organizational behaviour, statistics, and microeconomics, from an institution recognized by Senate, normally with a minimum grade of 70% in each course. Any applicants who do not meet normal admission requirements, may also be required to successfully complete the GMAT or the GRE with a satisfactory result and/or additional undergraduate courses before being considered for admission.”

64.4 Social Work

Page 635, 2014-2015 Calendar, under the heading 29 Regulations Governing the Degree of Master of Social Work, amend the second paragraph to read as follows:

“The Master of Social Work (M.S.W.) may be completed by part-time or full-time study. All program components, with the exception of on-campus institutes, are offered online.”

Page 635, 2014-2015 Calendar, under the heading 29 Regulations Governing the Degree of Master of Social Work, in the eighth paragraph amend the

Social Work (cont'd)

words “Graduate Studies Committee” to read “M.S.W. Program Committee” in the two instances.

Page 635, 2014-2015 Calendar, under the heading 29.1 Qualifications for Admission, in clauses 2 and 6, amend the words “Graduate Studies Committee” to read “M.S.W. Program Committee”.

Page 635, 2014-2015 Calendar, under the heading 29.1 Qualifications for Admission, in clause 2, delete the words “for recommendation to the Dean”.

Page 635, 2014-2015 Calendar, under the heading 29.2 Procedure for Admission, in clauses 1 and 3, amend the words “Graduate Studies Committee” to read “M.S.W. Program Committee”.

Page 637, 2014-2015 Calendar, under the heading 29.7 Evaluation, in clause 2, amend the words “Graduate Studies Committee” to read “M.S.W. Program Committee”.

Page 635, 2014-2015 Calendar, under the heading 29.2 Procedure for Admission, amend clause 3 to read as follows:

- “3. The M.S.W. Program Committee of the School of Social Work may require the applicant to be interviewed by one or more members of the M.S.W. Program Admissions Subcommittee.”

Page 635, 2014-2015 Calendar, under the heading 29.2 Procedure for Admission, amend clause 4 to read as follows:

- “4. A person who meets the basic admission requirements under **Qualifications for Admission**, may, space permitting, take SCWK 6012 without being admitted to the M.S.W. program. Persons wishing to take a course under this provision must have applied for admission to the M.S.W. program by January 15<sup>th</sup> of the same year, and been placed on the waitlist. If there are available seats in the course, the applicant will need to submit to the School of Social Work the appropriate form requesting permission to register in a graduate course, and apply or reapply for admission to Memorial University of Newfoundland as an undergraduate.”

Page 636, 2014-2015 Calendar, under the heading 29.3 Plan of Study, amend clause 4.a. to read as follows:

- “a. Students who choose the thesis route, must complete a thesis, and a minimum of 21 credit hours consisting of SCWK 6012 (or the former

Social Work (cont'd)

6011), 6013, 6014, 6317, 6413, 6917, and at least one of SCWK 6314, 6315, and 6316. Course route students must complete a minimum of 27 credit hours consisting of SCWK 6012 (or the former 6011), 6013, 6014, 6317, 6413, 6417, 6917, and at least two of 6314, 6315, and 6316. Students in either route may be required to take additional courses.”

Page 636, 2014-2015 Calendar, under the heading 29.3 Plan of Study, amend clauses 4.b.i. to 4.b.v. to read as follows:

- i. Full-time course route and all thesis route students will register for SCWK 6000 beginning in the Fall of their first year and in each subsequent semester in which they are actively completing course work in the M.S.W. program.
- ii. Part-time course route students completing the program in 6 semesters will register for SCWK 6000 beginning in the Fall of their first year and in each subsequent semester in which they are actively completing course work in the M.S.W. program.
- iii. Part-time course route students completing the program in 9 semesters will register for SCWK 6000 beginning in the Fall of their second year and in each subsequent semester in which they are actively completing course work in the M.S.W. program.
- iv. By the end of the final week of the first semester in which students are registered in SCWK 6000, they are required to submit the M.S.W. Pathway Learning Contract to their Mentor.  
Students are also required to submit a written progress report due the last day of classes of each semester, beginning with the first semester in which they are registered in SCWK 6000.
- v. A grade of NC (No Grade Expected) will be awarded in all semesters of the course prior to the final Semester. The final grade in this non-credit course will be either Pas or Fal.”

Page 636, 2014-2015 Calendar, under the heading 29.5 Course Format, amend clauses 1 and 2 to read as follows:

1. SCWK 6012, 6013, 6014, and 6413 are online courses.
2. SCWK 6314, 6315, 6316, and 6317 are online courses with a mandatory on-campus institute component consisting of 36 hours of

Social Work (cont'd)

classroom instruction. Course materials and activities for the pre-institute and post-institute components of the courses are available online for students. Students must be available on a full-time basis to attend classes and complete assignments and group projects during the Institute portion of these courses. It is recommended that students take leave from their employment for the duration of an on-campus institute, which may be scheduled in a combination of weekday, evening, and weekend hours within a two week time period. The final decision regarding the on-campus institute schedule rests with the School of Social Work.”

Page 637, 2014-2015 Calendar, under the heading 29.6 Period of Study, amend section to read as follows:

“For students admitted to the program under **Plan of Study** above:

1. For part-time students, the program is designed to permit completion of all degree requirements within three academic years (nine semesters) or two academic years (six semesters). The following is a sample program of study for nine semesters:

**Fall Semester:**

SCWK 6012 in Year 1;

SCWK 6000, 6317 or 6413 in Year 2;

SCWK 6000; SCWK 6317 or 6413 in Year 3

**Winter Semester:**

SCWK 6013 in Year 1;

SCWK 6000; SCWK 6314, 6315, 6316, or 6413 in Year 2

SCWK 6000; SCWK 6314, 6315, 6316, or 6413 in Year 3

**Spring Semester:**

SCWK 6014 in Year 1;

SCWK 6000; SCWK 6314 or 6315 in Year 2

SCWK 6917 (Field Internship) may be completed in Fall/Winter/Spring of Year 3

SCWK 6417 (Pathway Scholarship) is the final requirement to be completed and may be completed in the same semester as SCWK 6917 (Field Internship). Students are required to register for SCWK 6000 concurrently with SCWK 6917 and 6417.

2. For full-time students, course route, the program is designed to permit completion of all degree requirements within one academic year (three semesters), as follows:

Social Work (cont'd)

**Fall Semester:**

SCWK 6000, 6012, 6013, and 6317 (institute)

**Winter Semester:**

SCWK 6000, 6014, 6314 or 6315 or 6316 (institute), and 6413

**Spring Semester:**

SCWK 6000, 6314 or 6315 (institute), 6417 (pathway scholarship), and 6917 (field internship)

3. For full-time students, thesis route, the program is designed to permit completion of all degree requirements within one academic year (three semesters), as follows:

**Fall Semester:**

SCWK 6000, 6012, 6013, and 6317\* (institute)

**Winter Semester:**

SCWK 6000, 6014, 6314 or 6315 or 6316 \* (institute), and 6413

**Spring Semester:**

SCWK 6000, 6917 (field internship), Thesis

\* Thesis students are required to complete 6317 and only one of 6314, 6315, or 6316.”

Page 637, 2014-2015 Calendar, under the heading 29.8 Courses, subheading Program Courses, delete Social Work 6313 and add the following courses:

“6316 Perspectives with Families (*prerequisite 6012*) (*credit may not be obtained for both 6316 and the former 6322 or 6313*)

6317 Perspectives with Individuals (*prerequisite/co-requisite 6012*) (*credit may not be obtained for both 6317 and the former 6312 or 6313*)”

Page 637, 2014-2015 Calendar, under the heading 29.8 Courses, subheading Program Courses, amend Social Work 6917 to read as follows:

“6917 Field Internship (*prerequisites 6012; 6013; 6014; 6317; and 6413 and prerequisite/co-requisite two of 6314, 6315, or 6316 for course route students, one of 6314, 6315, or 6316 for thesis route students*) (*credit may not be obtained for both 6917 and the former 6912*)”

Social Work (cont'd)

Page 637, 2014-2015 Calendar, under the heading 29.8 Courses, immediately before the subheading Program Core Courses for Students Admitted Prior to Fall 2011, insert a new subsection as follows:

**“Program Courses for Students Admitted Prior to Fall 2016**

6000 Pathway (mandatory repeatable non-credit course)

6012 Critical Thinking and Reflection (*credit may not be obtained for both 6012 and the former 6011*)

6013 Leadership for Social Justice (*prerequisite/co-requisite 6012*) (*credit may not be obtained for both 6013 and the former 6540*)

6014 Leadership in Social Policy and Programs (*prerequisite/co-requisite 6012*) (*credit may not be obtained for both 6014 and the former 6530*)

6313 Perspectives with Individuals and Families (*prerequisite/co-requisite 6012*) (*credit may not be obtained for both 6313 and the former 6312 or 6322*)

6314 Perspectives with Diverse Communities (*prerequisite 6012*) (*credit may not be obtained for both 6314 and the former 6230*)

6315 Perspectives with Groups (*prerequisite 6012*) (*credit may not be obtained for both 6315 and the former 6332*)

6413 Research Theory, Design, and Analysis (*prerequisite/co-requisite 6012*) (*credit may not be obtained for both 6413 and the former 6412 or 6422*)

6417 Pathway Scholarship (following completion of all other program components) (*credit may not be obtained for both 6417 and the former 6432 or 6442*)

6917 Field Internship (*prerequisites 6012; 6013; 6014; 6313; and 6413 and prerequisite/co-requisite 6314 and 6315*) (*credit may not be obtained for both 6917 and the former 6912*)”

64.5 Chemistry

Page 644, 2014-2015 Calendar, under the heading 31.5.1 Program of Study, amend clause 1 to read as follows:

“1. Upon recommendation of their supervisor, candidates will write American Chemical Society (ACS) placement test(s) in the first two weeks of their initial semester of registration in order to determine an appropriate course program.”

Page 616, 2014-2015 Calendar, under the heading 25.8.1 Program of Study, amend clause 1.d. to read as follows:

“d. Upon recommendation of their supervisor, candidates will write American Chemical Society (ACS) placement test(s) in the first two

Chemistry (cont'd)

weeks of their initial semester of registration in order to determine an appropriate course program.”

64.6 Mathematics and Statistics

Page 551, 2014-2015 Calendar, under the heading 7.2 Program of Study, amend clauses 1 and 4 to read as follows:

- “1. The three credit hours courses STAT 6510 and STAT 6560 plus one from STAT 6530, STAT 6571 or STAT 6573.
4. STAT 6591 and an applied statistics project with its associated report. The report must demonstrate a satisfactory general mastery of applied statistical knowledge.”

Page 551, 2014-2015 Calendar, under the heading 7.3 Evaluation, amend clauses 1 and 2 to read as follows:

1. In order to continue in graduate studies and in order to qualify for a Master’s Degree, a candidate shall obtain an A or B for all regular program courses. In order to qualify for a graduation the student shall pass STAT 697A/B and STAT 6591 and complete successfully the practicum requirement.
2. STAT 6591 will be evaluated by the student’s consulting project supervisor.”

Page 551, 2014-2015 Calendar, under the heading 7.4 Courses, add the following courses:

“6571 Financial and Environmental Time Series  
6573 Statistical Genetics  
6591 Practicum (1 credit hour)”

Page 551, 2014-2015 Calendar, under the heading 7.4 Courses, delete the course “6590 A Course in Statistical Consulting” and amend the course “6570-6589” to read as follows:

“6570-6589 Selected Topics in Statistics and Probability (excluding 6586, 6571, 6573)”

Page 622, 2014-2015 Calendar, under the heading 25.18.1 Specific Requirements for the M.Sc. in Mathematics, amend section to read as follows:

Mathematics and Statistics (cont'd)

“Every candidate for the M.Sc. in Mathematics is required to complete one of two options:

1. Option 1: MATH 6310, 6351 and 696A/B, a minimum of 9 further credit hours in courses chosen from the departmental course offerings, excluding MATH 6299, and a thesis as per **General Regulations, Theses and Reports**.
2. Option 2: MATH 6299, 6310, 6332, 6351, 696A/B, and a minimum of 12 further credit hours in courses chosen from the departmental course offerings.”

Page 622, 2014-2015 Calendar, under the heading 25.18.3 Courses, add the following courses:

“6571 Financial and Environmental Time Series  
6573 Statistical Genetics”

Page 622, 2014-2015 Calendar, under the heading 25.18.3 Courses, amend the course “6570-6589” to read as follows:

“6570-6589 Selected Topics in Statistics and Probability (excluding 6586, 6571, 6573)”

Page 663, 2014-2015 Calendar, under the heading 31.25.2 Specific Regulations for the Ph.D. in Mathematics, amend paragraph to read as follows:

“A Masters Degree in mathematics or related area from a recognized university is required for entry into the Ph.D. program. Students currently registered in their first year at Memorial University of Newfoundland’s M.Sc. Program in mathematics who have obtained A in at least four programme courses are eligible to be transferred into a Ph.D. program. Such transfer must be supported by a prospective Ph.D. supervisory committee as well as the Graduate Studies Committee and approved by the Dean of Graduate Studies. Transferred students shall finish their Masters program courses plus the minimum Ph.D. requirements.”

Page 663, 2014-2015 Calendar, under the heading 31.25.3 Specific Regulations for the Ph.D. in Statistics, amend first paragraph to read as follows:

“A Masters Degree in statistics from a recognized university is normally required for entry into the Ph.D. program. Students currently registered in their first year at Memorial University of Newfoundland’s MAS or M.Sc.



Mathematics and Statistics (cont'd)

Program in statistics who have obtained A in at least four programme courses are eligible to be transferred into a Ph.D. program. Such transfer must be supported by a prospective Ph.D. supervisory committee as well as the Graduate Studies Committee and approved by the Dean of Graduate Studies. Transferred students shall finish their Masters program plus the minimum Ph.D. requirements.”

Page 663, 2014-2015 Calendar, under the heading 31.25.4 Courses, subheading Mathematics, delete the following courses:

“6310 Functional Analysis  
6332 Point Set Topology  
6351 Advanced Linear Algebra”

Page 663, 2014-2015 Calendar, under the heading 31.25.4 Courses, subheading Statistics, delete the following courses:

“6510 Mathematical Statistics  
6560 Continuous Multivariate Analysis”

Page 663, 2014-2015 Calendar, under the heading 31.25.4 Courses, subheading Statistics, add the following courses:

“6571 Financial and Environmental Time Series  
6573 Statistical Genetics”

Page 663, 2014-2015 Calendar, under the heading 31.25.4 Courses, subheading Statistics, amend the course “6570-6589” to read as follows:

“6570-6589 Selected Topics in Statistics and Probability (excluding 6586, 6571, 6573)”

Page 663, 2014-2015 Calendar, under the heading 31.25.4 Courses, subheading Statistics, following the course listing add the following paragraph:

“Notice that, although the courses 6310, 6332, 6351, 6510 and 6560 cannot be used to fulfill the 6 credit hours graduate courses requirement, any of them can be listed as part of the program of study as additional course work, whenever the supervisory committee deems it appropriate.”

64.7 Cognitive and Behavioural Ecology Program

Page 645, 2014-2015 Calendar, under the heading 31.6.2 Regulations, amend clause 2 to read as follows:

- “2. The comprehensive examination shall normally... outside of Cognitive and Behavioural Ecology. The candidate’s Supervisor will be on the Examination Committee with a maximum of one other member from the candidate’s supervisory committee permitted to serve when appropriate. The Examination Committee is chaired... relationship with Cognitive and Behavioural Ecology.”

Page 617, 2014-2015 Calendar, under the heading 25.9.2 Program of Study, amend clause 1 to read as follows:

- “1. Students normally take three courses (9 credit hours) in the first year. Students will be required to take Behavioural Ecology and Sociobiology (CABE 6351), Field and Lab Methods in Animal Behaviour and Behavioural Ecology (CABE 7000) and one elective, normally Quantitative Methods in Biology (BIOL 7220) or Advanced Statistics in Psychology (PSYC 6000), in consultation with the Supervisor.”

64.8 Psychology

Page 550, 2014-2015 Calendar, amend the heading “6 Regulations Governing the Degree of Master of Applied Social Psychology (Co-operative)” to read: “6 Regulations Governing the Degree of Master of Applied Psychological Science (Co-operative)”.

Page 550, 2014-2015 Calendar, under the heading 6.1 Qualifications for Admission, in clause 1 amend the words “Master of Applied Social Psychology (Co-operative)” to read “Master of Applied Psychological Science (Co-operative)”.

Page 551, 2014-2015 Calendar, under the heading 6.4 Courses, add the following sentence to the end of the first paragraph:

“Other courses may be offered on the recommendation of the Head of Psychology.”

Page 551, 2014-2015 Calendar, under the heading 6.4 Courses, amend the course “6404 Project in Applied Social Psychology” to read as follows:

“6404 Project in Applied Psychological Science”

Psychology (cont'd)

Page 625, 2014-2015 Calendar, under the heading 25.20 Psychology, in the first paragraph, amend the words “Master of Applied Social Psychology (Co-operative)” to read “Master of Applied Psychological Science (Co-operative)”.

Page 624, 2014-2015 Calendar, under the heading 25.20.2 Courses, amend the course “6404 Project in Applied Social Psychology” and the note that follows to read as follows:

“6404 Project in Applied Psychological Science (Note: *This course is open only to students in the Master of Applied Psychological Science*)”

Page 530, 2014-2015 Calendar, under the heading 3.2.2 Graduate Degrees, amend “Master of Applied Social Psychology (Co-operative)” to read as follows:

“Master of Applied Psychological Science (Co-operative)”

64.9 Business Administration - Master’s Program

Page 574, 2014-2015 Calendar, under the heading 10 Regulations Governing the Degree of Master of Business Administration, amend “Assistant Professor and Director of Graduate Programs (Business)” to read “Associate Dean (Course Based Masters)”.

Page 574, 2014-2015 Calendar, under the heading 10.1 Qualifications for Admission, amend clause 1.b. to read as follows:

“b. normally have two years of full-time work experience, or equivalent, deemed acceptable to the Faculty of Business Administration; and”

Page 574, 2014-2015 Calendar, under the heading 10.1 Qualifications for Admission, amend the paragraph following clause 2.b. to read as follows:

“Information regarding the TOEFL, is available from the Educational Testing Service at [www.ets.org](http://www.ets.org). IELTS information is available at [www.ielts.org](http://www.ielts.org).”

Page 574, 2014-2015 Calendar, under the heading 10.3 Procedure for Admission, amend clause 2.d. to read as follows:

“d. the Master of Business Administration Employment Experience Form; and”

Business Administration - Master's Program (cont'd)

Page 575, 2014-2015 Calendar, under the heading 10.4 Programs of Study, delete section "10.4 Programs of Study" up to and including section "10.4.2 Forty-Eight Credit Hour Thesis Option Program" in its entirety and replace with the following:

**"10.4 Program of Study**

The program is a 60 credit hour all course program. This program requires: 36 credit hours as specified in **Table 1**; plus 24 credit hours selected from **Table II** including a minimum of 3 credit hours in the area of international business chosen from 9005, 9020, 9030, 9306, 9326 or another approved international course.

Course exemptions may be considered in accordance with Clause 3. below. In the event that course exemptions are granted, the 60 credit hour program requirement will be adjusted accordingly.

1. The Faculty of Business Administration may consider exemptions for up to 10 (30 credit hours) introductory M.B.A. courses for those applicants who have completed relevant undergraduate courses in Business, Economics, and Statistics. Undergraduate courses will normally only be considered for exemption purposes if they were completed within seven years of the year in which admission to the M.B.A. program is sought and provided the student achieved a grade of 75% or higher in the undergraduate course(s) required for exemption of the relevant M.B.A. course. Only the following introductory M.B.A. courses will be considered for exemption: 8103, 8104, 8106, 8108, 8109, 8204, 8205, 8206, 8207, 8208.
2. An applicant who has completed relevant undergraduate courses at institutions external to Memorial University of Newfoundland must submit the following information to the M.B.A. Program Office, Faculty of Business Administration, for evaluation:
  - a detailed course outline for each course to be considered in the application for advanced standing;
  - a description of the method of evaluation used in each such course, the grades received, and the completion dates.
3. The Faculty of Business Administration reserves the right to restrict a student from taking particular M.B.A. elective courses if it is deemed that those courses do not add sufficient value beyond courses that the student has completed at the undergraduate level.

Business Administration - Master's Program (cont'd)

4. A student is required to observe approved co- or prerequisites in scheduling his/her courses. These are indicated in **Table III**.
5. A student shall successfully complete the requirements of Business 8103 as part of the first 36 credit hours of the program.”

Page 576, 2014-2015 Calendar, under the heading 10.6 Courses, in **Table II - Master of Business Administration Schedule of M.B.A. Electives**, make the following changes in column one:

- (i) add a new course “8001 Consumer Behaviour” in numeric order;
- (ii) amend the course “8001-005 Special Topics” to read “8002-005 Special Topics”;
- (iii) amend the course “9001-9019 Special Topics (excluding 9013)” to read “9001-9019 Special Topics (excluding 9005, 9013)”;
- (iv) add a new course “9005 International Marketing” in numeric order;
- (v) amend the course “9023-9050 Special Topics (excluding 9030)” to read “9023-9050 (excluding 9030, 9032, 9033, 9034, 9040, 9042)”;  
and
- (vi) add the following new courses in numeric order:

“9032 Digital Marketing  
9033 The International Business Environment  
9034 Strategic Risk Management  
9040 Business Sustainability  
9042 Branding with Social Media”

Page 576, 2014-2015 Calendar, under the heading 10.6 Courses, amend “**Table III - Master of Business Administration Prerequisite/Co-requisite**” as follows:

**Table III - Master of Business Administration Prerequisite/Co-requisite**

Course	Prerequisite/Co-requisite*	Electives	Prerequisite/Co-requisite*
		8001	8106
		8202	8109
Required Courses		8203	Nil

8103	Nil		
8104	Nil	8210	Nil
		9005	Nine courses including 8106
		9013	Nine courses completed including 8210 or 8210 plus admission to the MER program
8106	Nil	9020	Nine courses completed including 8104 or 8204
8107	Nil	9021	Nine courses completed including 8205
8108	Nil	9022	Nil
		9030	Nine courses completed including 8210
		9032	8106
		9033	Nine courses
		9034	Nine courses
		9040	Nine courses including 8107
		9042	Nil
8109	Nil	9103	Nine courses completed including 8103
8204	Nil		
8205	Nil	9301	Nine courses completed
8206	8103*, 8108*, 8109	9302	Nine courses completed including 9301*
8207	8103, 8108*	9303	Nine courses completed including 9301* and 9302*
8208	8103, 8104, 8106, 8108, 8109, 8205*, 8206*, 8207*	9306	8103, 8104, 8106, 8108, 8109, 8206
8209	8104	9308	8106, 8109
		9309	Nine courses completed including 8106
		9310	8203
		9311	Nine courses completed including 8104, 8204 or admission to the MER program
		9312	Nine courses completed including 8103, 8108, 8109, 8206
		9314	Nine courses completed including 8103, 8108, 8109, 8206 or admission to the MER program
		9315	8109
		9316	Nine courses completed including 8205
		9317	Nine courses completed

		9318	Nine courses completed including 8106
		9320	Nine courses completed including 8103, 8108, 8109, 8206
		9322	8104, 8106, 8108, 8109, 8206
		9323	Nine courses completed including 8103, 8108, 8109, 8206, 9320
		9324	Nine courses completed including 8104 or admission to the MER program
		9326	Nine courses completed including 8103, 8108, 8109, 8206
		9328	Nine courses completed including 8104 or admission to the MER program
		9329	Nine courses completed including 8210 or 8210 plus admission to the MER program

*Note: Unless specified in Table III all 9000-level courses require the prior completion of nine courses, including any specific prerequisites or co-requisites unless otherwise specified.*

#### 64.10 Business Administration - Ph.D. Program

Page 660, 2014-2015 Calendar, under the heading 31.23 Management, delete “Associate Professor and Associate Dean (Academic Programs) L. Bauer”.

Page 660, 2014-2015 Calendar, under the heading 31.23 Management, amend “Associate Professor and Associate Dean (Research)” to read as follows:

“Associate Professor, Associate Dean (Research); Director of PhD Program”

Page 660, 2014-2015 Calendar, under the heading 31.23.1 Admission to the Ph.D. Program, amend section to read as follows:

#### **“31.23.1 Admission to the Ph.D. Program**

Admission is limited and competitive. General qualifications for admission to the Ph.D. Programs at Memorial University of Newfoundland are set out under **General Regulations, Qualifications for Admission**. Applicants from all disciplines will be considered.

In addition:

1. Quantitative and qualitative competency are required as evidenced by an acceptable balanced GMAT (minimum score of 600) (or GRE minimum score of 302).

Business Administration - Ph.D. Program (cont'd)

2. An applicant who did not complete a Master's degree at a recognized university where English is the primary language of instruction must normally complete either the: Test of English as a Foreign Language (TOEFL) and achieve a paper-based score of 580 (or higher), computer-based score of 237 (or higher), or Internet based score of 92-93 (or higher); or International English Language Testing System (IELTS) and achieve a score of 7 (or higher).

Information regarding the TOEFL is available from the Educational Testing Service at [www.ets.org](http://www.ets.org). IELTS information is available at [www.ielts.org](http://www.ielts.org). It is noted that other equivalent tests acceptable to the School of Graduate Studies will also be considered."

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, from the last sentence of the first paragraph, delete the phrase "Ph.D. Admission Committee" and replace with " Graduate Research Programs Committee".

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, following the first paragraph, amend everything before the heading **Operations and Information... Courses** to read as follows:

**"Required for all Specializations**

Philosophy 6015 Theory of Knowledge

Business 9901 Approaches to Management Research

**One of**

Business 9902 Modelling Methods In Management Research

Business 9903 Quantitative Methods In Management Research\*

Business 9904 Qualitative Methods In Management Research\*\*

Business 9901 is to be completed before any of Business 9902, 9903, 9904 is attempted. In exceptional cases Business 9901 may be completed concurrently with 9902, 9903 or 9904, with approval from the Director of the Program and the Supervisor.

\* Alternatively, students may elect to take an equivalent Quantitative methods graduate course on the approval of the Ph.D. Program Director and the Supervisor.

\*\* Alternatively, students may elect to take an equivalent Qualitative methods graduate course on the approval of the Ph.D. Program Director and the Supervisor.

*Note: Waivers shall not be granted in the Ph.D. program for previously completed course work at either the undergraduate or master's level."*



Business Administration - Ph.D. Program (cont'd)

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, delete “Business 991A/B Seminar in Operations and Information Management Research A/B” from under the heading **Operations and Information... Courses**.

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, amend the table entitled Recommended Sequence for Operations and Information Management (OIM) Specialization Table by deleting “BUSI 991A Seminar in Operations and Information Management Research (Part A)” from the Year 2, Fall, row; delete “BUSI 991B Seminar in Operations and Information Management Research (Part B)” from Year 2, Winter, row.

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, amend the table entitled Recommended Sequence for Operations and Information Management (OIM) Specialization Table by inserting “\*” after the course BUSI 9914 and “\*\*” after the course BUSI 9915 in the Year 2, Fall, row; inserting “\*” after the course BUSI 9917 and “\*\*” after the course BUSI 9918 in the Year 2, Winter, row; and add the following two notes after the table:

“\* Note that students who are planning to specialize in Information Systems can substitute appropriate graduate courses for BUSI 9914 and 9917 on the approval of the Director of the Program and the Supervisor.

\*\* Note that students who are planning to specialize in Operations Management can substitute appropriate graduate courses for BUSI 9915 and 9918 on the approval of the Director of the Program and the Supervisor.”

Page 660, 2014-2015 Calendar, under the heading 31.23.3.1 Courses, delete the Note from under clause 1 within the section entitled **Operational Behaviour and Human Resources Management Specialization Courses**; and amend the last line of clause 2 to read as follows:

“Any other graduate course subject to the Director of the Program and the Supervisor”

Page 662, 2014-2015 Calendar, amend section 31.23.3.2 Summer Research Project, to read as follows:

“During the first summer... Projects must be presented at a Faculty of Business Administration research seminar during the second year of the program.”

Business Administration - Ph.D. Program (cont'd)

Page 662, 2014-2015 Calendar, add a new section 31.23.3.3 Research Seminar Participation, renumbering remaining sections accordingly, to read as follows:

**“31.23.3.3 Research Seminar Participation**

Students are expected to attend research seminars offered by the Faculty of Business Administration in their discipline. Presentation of student conference papers where the Faculty of Business funds travel is expected at a Faculty of Business research seminar. In addition, students may be requested to present their work at other Faculty seminars where and when feasible.”

Page 662, 2014-2015 Calendar, under the heading 31.23.3.4 Comprehensive Examination, amend the first sentence of clause 5 by adding the phrase “or designate” to its end.

65. CORRESPONDENCE FROM THE SENATE COMMITTEE ON ELECTIONS AND COMMITTEES

65.1 Senate Elections, 2015-2016

A memorandum dated January 19, 2015, was received for information from the Senate Committee on Elections and Committees reporting the entitlement of each constituency to seats on Senate for the 2015-2016 academic year in accordance with the Procedures for Selection of Senate Members.

66. REPORTS OF SENATE COMMITTEES

Written reports were received for the information of Senators from the following Senate Committees:

- Committee on Honorary Degrees and Ceremonial
- Executive Committee of Senate
- Senate Advisory Committee on the University Timetable
- Committee on the University Calendar
- Senate Advisory Committee on the Library
- Senate Committee on Academic Appeals
- Senate Committee on Elections and Committees
- Grenfell Campus on Special Admissions
- Senate Committee on Research
- Senate Committee on Copyright
- Senate Committee on Course Evaluation
- University Committee on Admissions

Reports of Senate Committees (cont'd)

- Senate Advisory Committee on the Bookstore
- Senate Committee on Undergraduate Studies

The following nomination to Senate Standing Committees was approved:

<b>Advisory Committee on the Library</b>	<b>Member until September</b>
Dr. Stephanie Curnoe (Physics and Physical Oceanography)	2017

The following Graduate Students' Union nomination to Senate Standing Committees was approved:

**Academic Unit Planning Committee**  
Ms. Justine Ammendolia

**REGULAR AGENDA**

- 67. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES
- 67.1 Faculty of Business Administration

It was moved by Mr. Riggs, seconded by Dr. Tulett and carried that on page 203, 2014-2015 Calendar, under the heading 6 Business Concentrations, a new section, entitled 6.10 Resource-Based Industries Management, be added to read as follows:

**“6.10 Resource-Based Industries Management**

Students electing the Resource-Based Industries Management concentration should complete the following courses:

1. BUSI 5000, BUSI 5020, BUSI 5302, BUSI 5500, BUSI 7010, and BUSI 7410; and
2. any three of the following courses: BUSI 5250, BUSI 6040, BUSI 6410, BUSI 6415, BUSI 7322, BUSI 7500, BUSI 7510, ECON 3080, ECON 4090, ENGI 8671, GEOG 2425, GEOG 3425, POSC 3210, POSC 3250, SOCI 4091, and SOCI 4104; at least one of which must be chosen from ECON 3080, ECON 4090, ENGI 8671, GEOG 2425, and GEOG 3425.

Notes:

1. Students completing the Bachelor of Business Administration program must either choose two courses from ECON 3080, ECON 4090, ENGI 8671, GEOG 2425, GEOG 3425, POSC 3210, and POSC 3250, or must complete a non-business

Faculty of Business Administration (cont'd)

elective in addition to the courses required for their program in order to meet Regulation 5.5.1.f

2. Students considering choosing to complete ENGI 8671 must consult with the Undergraduate Programs Office, Faculty of Business Administration, regarding prerequisites.”

Page 203, 2014-2015 Calendar, under the heading 7 Business Electives, add the following courses to Table 3 Business Electives:

“BUSI 5020, ECON 3080, ECON 4090, ENGI 8671, GEOG 2425, GEOG 3425, POSC 3210, POSC 3250, SOCI 4091, and SOCI 4104”

Page 203, 2014-2015 Calendar, under the heading 10 Course Descriptions, add a new course, BUSI 5020 (abbreviated title: Topics Resource Based Ind Mgmt), to read as follows:

“**5020 Topics in Resource-Based-Industries Management** enables students to engage with resource-based industry companies and agencies through an integrated working knowledge of the sector and its operations. Topics include: an overview of the oil and mining industries, regulation, social license concerns, human resources issues, procurement, and contracting. The course provides opportunities for student involvement with industry leaders and events through the use of guest speakers.

PR: BUSI 4050”

67.2 Faculty of Arts: New Certificate in Public Policy

It was moved by Mr. Riggs, seconded by Dr. Phillips and carried that on page 103, 2014-2015 Calendar, a new section, entitled 8.5 Certificate in Public Policy, be added to read as follows:

“**8.5 Certificate in Public Policy**

[www.mun.ca/arts/publicpolicy](http://www.mun.ca/arts/publicpolicy)

Program Co-ordinator: Dr. Christopher Dunn, Department of Political Science

The Certificate in Public Policy is designed for those who are interested in the study of governance and policy responses to public issues. The program’s objective is to provide foundational knowledge that is essential for exploring topical issues in diverse policy fields and settings. It is structured around introductory and advanced core courses in Political Science that promote understanding of the theoretical parameters of public policy, such as the processes and mechanisms that are relied upon to define and solve policy problems. These core skills and competencies are used in the analysis and

Faculty of Arts: New Certificate in Public Policy (cont'd)

study of public policy in a variety of interdisciplinary fields. The program is coordinated by the Department of Political Science.

**8.5.1 Advising**

Throughout their program of study, students for a Certificate in Public Policy are encouraged to contact the Program Co-ordinator for assistance with course planning, declaring their program of study, prerequisite and registration issues, and with questions about the eligibility of any courses not listed here. The Co-ordinator liaises with representatives of participating departments, and normally communicates a tentative schedule of upcoming course offerings to students so that they can plan accordingly.

**8.5.2 Declaring the Certificate in Public Policy**

Students wishing to declare a Certificate in Public Policy are encouraged to consult with the Program Co-ordinator to discuss the requirements of the program. Information about declaring a program of study in the Faculty of Arts is available at [www.mun.ca/arts/undergraduate/declare](http://www.mun.ca/arts/undergraduate/declare).

**8.5.3 Regulations for the Certificate in Public Policy**

As part of the Certificate in Public Policy, students must complete a concentration in a policy subfield, which comprises foundation courses up to the 3000-level and is overseen by a designated department. Students are encouraged to take courses in the concentration after completing initial foundation-level courses in public policy offered by Political Science. A student is not eligible to complete more than one concentration.

The Certificate in Public Policy consists of 21 credit hours as prescribed below:

1. 6 credit hours chosen from Political Science 1000, 1010, 2600, 3600, including at least one of POSC 2600, 3600;
2. 12 credit hours chosen from one of the following designated policy concentrations:
  - a. Economic Policy: ECON 2010, 2020 and 6 additional credit hours chosen from Table 1, including at least 3 credit hours in Economics at the 3000-level; or
  - b. Urban and Regional Policy: GEOG 1050, 2302 and 6 additional credit hours chosen from Table 2, including at least 3 credit hours in GEOG 3350, 3701; and,
3. 3 credit hours in Political Science 4600 or 4630.

Not all courses are offered every semester. Students are strongly advised to consult with the Program Co-ordinator for assistance with course planning, and to generally follow Table 3 Suggested Course Sequencing for the Certificate in Public Policy.

Faculty of Arts: New Certificate in Public Policy (cont'd)**Table 1: Approved Courses for the Concentration in Economic Policy**

The Concentration in Economic Policy is overseen by the Department of Economics. Approved courses feature a foundation-level focus on the interrelationships between public policy, political institutions and economic systems.

1000-level and 2000- level	3000-level
ECON 2010 Introduction to Microeconomics (required) ECON 2020 Introduction to Macroeconomics (required) GEOG 2302 Issues in Economic Geography SOCI 2110 Economy and Society	ANTH/SOCI 3260 Social and Economic Development ECON 3010 Intermediate Macro Theory I ECON 3011 Intermediate Macro Theory II ECON 3030 International Economics – Issues and Problems in a Canadian Context ECON 3070 The Structure and Problems of the Newfoundland Economy ECON 3080 Natural Resources and Environmental Economics ECON 3140 Economic Analysis in Health Care ECON 3150 Money and Banking ECON 3360 Labour Market Economics ECON 3711 Intergovernmental Relations POSC 3250 International Political Economy POSC 3650 Canadian Political Economy

Faculty of Arts: New Certificate in Public Policy (cont'd)

**Table 2: Approved Courses for the Concentration in Urban and Regional Policy**

The Concentration in Urban and Regional Policy is overseen by the Department of Geography. Approved courses feature a foundation-level focus on public policy concerning broad concepts of regionalism, municipal governance, and sub-national planning.

1000-level and 2000-level	3000-level
ANTH 2280 The City GEOG 1050 Geographies of Global Change (required) GEOG 2302 Issues in Economic Geography (required)	ANTH 3058 Urban Anthropology ECON 3711 Intergovernmental Relations GEOG 3340 Techniques of Regional Analysis GEOG 3350 Community and Regional Planning and Development GEOG 3701 Urban Geography POSC 3870 Provincial Politics POSC 3890 Municipal Politics

**Table 3: Suggested Course Sequencing for the Certificate in Public Policy**

First 6 credit hours: Choose from POSC 1000, 1010, 2600, 3600 (take one or both of 2600, 3600) Next 12 credit hours: Complete a policy concentration Last 3 credit hours: Choose from POSC 4600 or POSC 4630
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**8.5.4 Course Prerequisite**

Many approved courses are suitable for students in all disciplines without a background in the discipline. Other approved courses may have prerequisites.

**8.5.5 Regulations Concerning the Former Lifelong Learning Certificate in Public Administration**

A student who completed the Certificate in Public Administration or the Certificate in Regional Policy and Development offered by the former Division of Lifelong Learning is also eligible to complete a Faculty of Arts Certificate in Public Policy.”

Page 101, 2014-2015 Calendar, under the heading 8 Certificate Program Offered in the Faculty of Arts, amend the last sentence of the paragraph to read as follows:

“The Faculty of Arts offers the Certificate in Criminology and the Certificate in Public Policy.”

Faculty of Arts: New Certificate in Public Policy (cont'd)

Page 151, 2014-2015 Calendar, under the heading 12.6 Economics, amend the title of ECON 2010 to read as follows:

**“2010 Introduction to Microeconomics”**

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, delete “seeking an introduction to Political Science” from the end of the description for the course POSC 1000.

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, amend the title and description of POSC 1010 to read as follows:

**“1010 Issues in Canadian Politics and Policy** explores some of Canada’s most pressing and interesting political and public policy issues. This course profiles important political problems facing federal and provincial politicians and society. Open to all students interested in Canadian politics, government and domestic public policy.”

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, delete the Credit Restriction entry and amend the description of POSC 2600 to read as follows:

**“2600 Introduction to Public Policy and Administration** outlines major concepts in, and issues relating to, the fields of public policy and administration. Introduces students to major conceptual issues that shape public policy and government, such as agenda setting, types of public policy models and public management processes. Open to all students interested in the study of public policy and public administration.”

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, amend the title, description and legend of the course POSC 3600 to read as follows:

**“3600 Public Policy Fields in Canada** is an examination of the relationship between public policy development in Canada and changes in the social and economic policy environment. Applies theories and models of public policy to a variety of topical case studies.

PR: Prior completion of POSC 2600 is recommended but not required.”

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, amend the description and legend of the course POSC 4600 to read as follows:

**“4600 Public Policy Work Internship** provides new career-related policy work experience with government, a political party, a non-governmental



Faculty of Arts: New Certificate in Public Policy (cont'd)

organization, a union, or another employer involved in public affairs. Placements are for twelve weeks at eight hours per week, totaling 96 hours. Course work related to the study of public policy is required. Admission is selective and competitive. Details are available at [www.mun.ca/posc](http://www.mun.ca/posc). Enrollment constitutes permission for the course instructor to provide the student's transcript to a potential employer.

CR: POSC 460W, the former POSC 4000

PR: a minimum 60 credit hours, including at least 12 credit hours in Political Science courses with a minimum 70% average, and permission of the instructor. Prior completion of public policy courses is recommended but not required.”

Page 178, 2014-2015 Calendar, under the heading 12.24 Political Science, amend the description and legend of the course POSC 4630 to read as follows:

“**4630 Policy Analysis** reviews the variety of qualitative and quantitative techniques used in the analysis of public policy and in program evaluation. Students work on a major project to gain experience applying public policy models and analysis techniques as they attempt to improve a real-world existing public policy within the constraints of finite resources and political realities. Features practitioners as guest speakers who explain the role of policy analysts in the public policy process and the types of analysis practices.

PR: POSC 2600 or POSC 3600, or the instructor’s permission”

Page 332, 2014-2015 Calendar, under the heading 12.23 Political Science, delete “seeking an introduction to Political Science” from the end of the description for the course POSC 1000.

Page 332, 2014-2015 Calendar, under the heading 12.23 Political Science, amend the title and description of the course POSC 1010 to read as follows:

“**1010 Issues in Canadian Politics and Policy** explores some of Canada’s most pressing and interesting political and public policy issues. This course profiles important political problems facing federal and provincial politicians and society. Open to all students interested in Canadian politics, government and domestic public policy.”

Page 332, 2014-2015 Calendar, under the heading 12.23 Political Science, delete the Credit Restriction entry and amend the description of POSC 2600 to read as follows:

“**2600 Introduction to Public Policy and Administration** outlines major concepts in, and issues relating to, the fields of public policy and administration. Introduces students to major conceptual issues that shape

Faculty of Arts: New Certificate in Public Policy (cont'd)

public policy and government, such as agenda setting, types of public policy models and public management processes. Open to all students interested in the study of public policy and public administration.”

67.3 Department of Ocean Sciences

It was moved by Mr. Riggs, seconded by Dr. Surprenant and carried that on page 473, 2014-2015 Calendar, new sections, 9.9.1 Minor in Oceanography and 9.9.2 Minor in Sustainable Aquaculture and Fisheries Ecology, be added to read as follows:

**“9.9.1 Minor in Oceanography**

Students who take a minor in Oceanography will complete 24 credit hours as follows:

1. Ocean Sciences 1000, 2100, 2200, 2300.
2. Ocean Sciences 2000 or Biology 3710
3. Earth Sciences 1000
4. The remaining credit hours should be selected from Biology 3014, 3709, 3711, 3712, 3714, 3715, 4122, 4601, 4710, 4750, 4810, Chemistry 2100, 3110, 4151, 4156, Earth Sciences 4302, Geography 3120, 3510, 4190, 4300, Environmental Science 3072, 3210, 3211, 4230, Ocean Sciences 2001, 3000, 3002, 3620, 4000, 4122, 4601, and Physics and Physical Oceanography 3300, 3340, 4300, 4340.

Course prerequisites stipulated in the course descriptions shall apply to a minor in Oceanography.

**9.9.2 Minor in Sustainable Aquaculture and Fisheries Ecology**

Students who take a minor in Sustainable Aquaculture and Fisheries Ecology will complete 24 credit hours as follows:

1. Ocean Sciences 1000, 2001, 3000, 3002
2. Biology 4750 or Geography 4300
3. One of Ocean Sciences 2000, 3620, 4000, 4122, 4601
4. One of Biology 2122, 3401, 3640, 3715, 4251, 4605
5. One of Biochemistry 3107, 3402, 4002, 4101, 4104, 4105, 4200, 4201.

Course prerequisites stipulated in the course descriptions shall apply to a minor in Sustainable Aquaculture and Fisheries Ecology.”

Page 473, 2014-2015 Calendar, under the heading 9.9 Ocean Sciences, amend the third paragraph to read as follows:

“The Department offers both undergraduate and graduate programs in Ocean Sciences.”

67.4 Office of the Registrar

Mr. Riggs gave an overview of the proposed calendar changes to University Regulation 4 Admission/Readmission to the University (Undergraduate) English Language and Mathematics Placement Tests, which were received from the Office of the Registrar.

Dr. McKay noted that though he was in favour of the spirit of the changes, he had concerns about some of the language used. In some instances he found the language vague or difficult to understand, and as this section of the calendar relates to English proficiency and is most likely to be read by students whose first language is not English it is important that the message be clearly articulated.

The President stated that any substantive changes to wording would have to come back for consideration by Senate.

Mr. Riggs suggested that language concerns be forwarded in writing to the Senate Committee on Undergraduate Studies or the Secretary of Senate for reconsideration and further review.

It was moved by Mr. Riggs, seconded by Dr. Okshevsky, and carried to table this document.

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

68.1 Education - New Graduate Diploma in Educational Leadership Studies

It was moved by Dr. Murrin, seconded by Dr. Anderson and carried that on page 578, 2014-2015 Calendar, under the heading 11.2 Program of Study, two new paragraphs be added to the end of clause 1 to read as follows:

“Candidates for the Graduate Diploma in Post-Secondary Studies (Health Professional Education) must complete:

- a. 12 credit hours

Candidates for the Graduate Diploma in Educational Leadership Studies must complete:

- a. 18 credit hours”

Page 579, 2014-2015 Calendar, under the heading 11.8.1 Educational Leadership Studies, amend the first paragraph to read as follows:

“The Educational Leadership Studies program provides students with an opportunity to explore a broad range of issues in educational leadership, policy, and administration. It prepares candidates to assume leadership roles in a variety of settings, including school and district leadership, post-secondary institutions and policy analysis. The Faculty offers a Master of

Education - New Graduate Diploma in Educational Leadership Studies (cont'd)

Education degree and a Graduate Diploma in Educational Leadership Studies.”

Page 579, 2014-2015 Calendar, under the heading 11.8.1 Educational Leadership Studies, amend the title of clause 2 to read as follows:

**“2. Program Requirements for the Master of Education Degree”**

Page 579, 2014-2015 Calendar, under the heading 11.8.1 Educational Leadership Studies, amend the start of clause 2, up to “must complete:” to read as follows:

“a. all students in the Master of Education (Educational Leadership Studies) program must complete.”

Page 579, 2014-2015 Calendar, under the heading 11.8.1 Educational Leadership Studies, add a third clause to read as follows:

**“3. Program Requirements for the Graduate Diploma in Educational Leadership Studies**

The Graduate Diploma in Educational Leadership Studies provides students with an opportunity to explore a broad range of issues in educational leadership, policy and administration. It prepares candidates to assume leadership roles in a variety of settings, including school and district leadership, post-secondary institutions and policy analysis.

Students wishing to be admitted to the Graduate Diploma in Educational Leadership Studies must meet the criteria for admission specified for the Master of Education (Educational Leadership Studies) degree.

Candidates for the Graduate Diploma must complete a total of 18 credit hours, including:

- ED6203
- ED6204
- 12 credit hours that:
  - come from the list of closed electives for the Master of Education (Educational Leadership Studies) degree,
  - or are other graduate courses appropriate to the student’s program and are approved by the Faculty of Education.

Students enrolled in the Graduate Diploma program may request transfer to the Master of Education (Educational Leadership Studies) prior to graduation. Students must complete an additional 12 credit hours appropriate to the Master of Education (Educational Leadership Studies) degree.

Education - New Graduate Diploma in Educational Leadership Studies (cont'd)

All courses completed must satisfy the requirements for the Graduate Diploma (Educational Leadership Studies) and the Master of Education (Educational Leadership Studies) Degree.”

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

Dr. Kachanoski reported on activities since the last meeting of Senate.

The President commented on the following:

- the Board of Regents approved the Strategic Internationalization Plan
- the Board of Regents approved the appointment of Morgan Cooper as the new General Counsel of the University; Mr. Cooper will start his new position in May
- the Search Committee for Provost and Vice-President (Academic) and Pro Vice-Chancellor continues its work; the position profile is online
- the *Ad hoc* Committee on Senate Reform subgroups are meeting
- the Economic Impact Study of Memorial University, completed by Dr. Locke and Professor Lynch, is available on the University website
- significant communications with Government about the budget continue
- the Operations and Budget Review secretariat continues its work
- the President attended the Chancellor’s Circle event, which thanked community donors for their contributions
- the President attended the Alumni Tribute Awards

The President responded to the following questions from Senators:

- Update on the progress of the Battery:
  - the main architectural renovations drawings will be available soon and minor renovations are already underway
  - the Graduate student residence should be ready for September
  - the project is adhering to the original time line and staying within budgetary goals
- Update on the Law School:
  - Committee continues to work on a more detailed proposal

The President noted that his Rotary Speech is available online.

70. ADJOURNMENT

The meeting adjourned at 4:40 p.m.

\_\_\_\_\_  
CHAIRMAN

\_\_\_\_\_  
SECRETARY