

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
SENATE

The regular meeting of Senate was held on March 9, 2021, at 4:00 p.m. via Webex.

92. PRESENT

The President, Dr. M. Abrahams, Dr. N. Bose, Mr. G. Blackwood, Dr. J. Keshen, Dr. D. Hardy Cox, Dr. A. Surprenant, Dr. G. Watson, Dr. S. Bugden, Ms. S. Cleyle, Dr. A. Cunsolo, Dr. I Dostaler, Dr. T. Fridgen, Dr. E. Furey (for Dr. K. Goodnough), Dr. A. Gaudine, Dr. H. Hair, Mr. M. Hunter (for Ms. C. Ennis-Williams), Dr. K. Jacobsen, Mr. T. Nault, Dr. M. Piercey-Normore, Dr. L. Rohr, Dr. J. Simpson, Dr. I. Sutherland, Ms. A. Ambi, Dr. S. Barkanova, Dr. D. Behm, Mr. P. Brett, Mr. C. Couturier, Dr. G. Cox, Dr. R. Croll, Dr. N. Daneshtalab, Mr. D. Duda, Mr. E. Durnford, Dr. G. Galway, Dr. S. Ganz, Dr. G. George, Dr. M. Haghiri, Dr. E. Haven, Dr. J. Hawboldt, Dr. R. Haynes, Dr. E. Kendall, Dr. J. Lokash, Dr. S. MacDonald, Dr. S. McConnell, Dr. J. Munroe, Dr. S. O'Neill, Dr. K. Parsons, Dr. D. Peters, Dr. C. Purchase, Dr. C. Schiller, Dr. H. Skanes, Dr. K. Snelgrove, Dr. M. Stordy, Ms. C. Walsh, Dr. J. Westcott, Dr. R. Whitaker, Mr. A. Hossaid, Mr. D. Dunphy, Ms. M. Feltham, Ms. A. Follett, Ms. A. Francis, Ms. K. McLaughlin, Ms. D. Patel, Ms. J. Richards, Mr. D. Semerad.

Chair of the Senate Committee on Undergraduate Studies (Standing Invitation)

Shannon Sullivan

The President welcomed all Senators to this meeting of Senate.

Land acknowledgement:

We respectfully acknowledge the territory in which we gather as the ancestral homelands of the Beothuk, and the island of Newfoundland as the ancestral homelands of the Mi'kmaq and Beothuk. We would also like to recognize the Inuit of Nunatsiavut and NunatuKavut and the Innu of Nitassinan, and their ancestors, as the original people of Labrador. We strive for respectful partnerships with all the peoples of this province as we search for collective healing and true reconciliation and honour this beautiful land together.

The President noted that it would be appreciated if you please introduce yourself and your constituency when addressing Senate. Keep your microphone on mute unless you are speaking. If you wish to speak on an item, please use the comment feature in WebEx to identify that you wish to speak. The chat feature should only be used to request to speak on a motion. Please do not engage in debate or other discussion in the chat. For motions of substance, we will use the WebEx feature. You will have approximately 30 seconds to vote on each motion. Senators who are

calling in will not be able to vote. In the event of a close vote, Senators on the phone will be asked to verbally vote by roll call.

93. APOLOGIES

None noted.

94. MOTION TO ADOPT AGENDA

There was a request to move Item 3. A. (Proposed Calendar Changes from the Faculty of Science) from the Consent agenda to the Regular agenda, which was duly noted by the President.

It was then move by Dr. D. Peters, seconded by Dr. I. Sutherland, and carried to adopt the agenda, as amended.

95. MINUTES

It was moved by Dr. A. Surprenant, seconded by Dr. R. Haynes, and carried that the Minutes of the regular meeting held on February 9, 2021, be taken as read and confirmed.

96. Remarks from the Chair

The President commented on the following:

- The February 1st return to campus and the quick, subsequent leaving of campus due to rising numbers of Covid-19 was hard on everyone. She thanked everyone present for their patience and understanding, and all the hard work had to happen in order to keep the University operating under remote conditions. She noted that there have been some who have accused the University of erring when it decided to return to campus at the start of February, but the President stated that, with the information available to the University at the time—low to no daily cases of Covid-19, no community transmission confirmed, and no sign of variants in the province—the best decision was made. We cannot predict the future, only adapt to the present.
- The Strategic Planning Committee is drafting the strategic plan. The Plan will be presented to the Board of Regents at their May meeting.
- The President sent out a general thanks to faculty for their incredible work. It is a tough time of year regularly, but the pandemic has made it even more difficult. The University's faculty have pulled us through and deserve recognition.
- Early in the day the University held a Town Hall for all faculty and staff. It was well attended, and there were a lot of good questions. The President noted in particular, that she heard pleas from faculty for understanding and patience. She encouraged everyone in attendance to show the same kind of understanding to

faculty that the University has stated should be shown to students. We are all in this together, and it has been equally difficult for students, faculty, and staff.

- International Women's Day was March 8th this year. We should all recognize that this pandemic affects women differently than men, with higher chances for negative impacts. There have been more Town Halls scheduled for students as well as, in particular, for female staff and faculty of the University.
- The Spring semester plans have not changed since the last Senate meeting when the Spring term was previously discussed. Due to the typically low number of students and many online courses traditionally offered in the Spring semester, the University will use that semester as a transition period. Following that, it is hoped that the Fall semester will be primarily on campus, with face-to-face instruction.
- There are no new updates on either the post-secondary review or the financial budget.
- The search for a new Provost has been completed and a recommendation will soon be sent to the Board of Regents.
- The President congratulated Dr. J. Keshen once again for his recent appointment as President of the University of Regina. He will be missed.
- The President thanked Grenfell Campus for an excellent Town Hall. She received a lot of good feedback, specifically in relation to who will replace Dr. Keshen as Vice President. An announcement on who will fill the 2-year interim position will be made soon.
- The search for a VP of Advancement and External Relations has narrowed the candidates down to a short list.
- We will be making decisions about the VP EDI position in the next couple of weeks.
- Fall undergraduate applications are up by 18%.
- The high school graduate transition program called Kickstart will happen again this Fall. Last year it was quite successful.
- There has been much talk about academic integrity issues within the University as of late. It is a problem that all universities seem to be facing currently, and we are working hard to deal with it. The problem is not an easy one to fix.
- The University is considering an arrangement with a company that will recruit, train and bring students to Memorial.
 - Navitas is a global education provider that deals mostly with international recruitment.
 - The University of Manitoba and Simon Frasier have recently instituted agreements with Navitas, and things appear to be working well.
 - It is reported that Memorial can expect to see increased international student recruitment, job creation, and financial revenue from an arrangement with Navitas.
 - The President has already held discussions with the Faculty Association, who are gathering information about Navitas.
- The President recognized the challenges of faculty and staff working from home, especially for those who have children currently unable to attend school. She reminded everyone to think about the work/home life divide. She

encouraged everyone to be respectful and try to contain the work day to 8 hours, especially staff members.

Questions/Comments from Senators:

- Dr. R. Whitaker noted that the library is currently not offering contactless pick-up. Students are only able to access electronic resources. She asked how long this is expected to continue.
 - Ms. S. Cleyle responded, stating that due to the Avalon Peninsula being put on alert-level 5, there are no library staff on campus, but once alert levels decrease the library can return to previous practices.
 - Though we have not been able to provide on-campus services, library staff have been working hard to ensure that electronic services are as efficient as possible.
- Dr. D. Behm asked if Navitas was recruiting international students to Memorial's online programs or if they were bringing students to campus. He also asked how Navitas is different from the University's current recruitment practices.
 - It was noted that other Canadian universities have only just started to use the Navitas service, so we are still just observing the results of those interactions. The company, however, intends to bring students to our campuses, as well as to online programming.
 - Navitas offers a specialized style of instruction. They recruit first year students who are then enrolled into a transition program and upon successful completion enter second year at Memorial. It is a parallel-track program, but applicants will still be expected to meet Memorial's admission standards.
 - It is expected that students who complete their first year at Navitas will perform just as well as those students who have gone through their first year at Memorial.
- Dr. S. Ganz noted that the Grenfell Campus library is also currently not open. Since Corner Brook is not in the same lockdown as St. John's, why can't the Grenfell library open up and offer regular services?
 - Dr. S. Cleyle stated that there are no staff in the libraries presently. Grenfell Campus is still at alert-level 4. We will not be able to have staff on that campus until the level has dropped to alert-level 3.
- Dr. K. Snelgrove, in light of recent announcements about Laurentian University declaring bankruptcy, asked the President how Memorial is doing financially.
 - The President mentioned that Laurentian had more troubles than just the impact of the pandemic. There were financial management issues going on at that university in addition to the impact of the pandemic. Memorial, on the other hand, has been very carefully managing its finances.
 - The Covid-19 pandemic has cost the University about \$11 million, but those losses have been offset by savings in other areas. Enrolment has increased. The Kickstart program, started last year,

- has increased revenue. The Marine Institute has managed its costs well.
- Though the University has suffered losses, such as those noticed in Residence and The Works, we will be able to manage the deficit this year and have no fears of bankruptcy.
 - Dr. K. Snelgrove asked the President if partnering with Navitas would increase the University's reliance on international students.
 - The President remarked that an agreement with Navitas may make MUN more dependent on revenues generated from international enrolment, but immigration is a viable solution to increasing financial problems. The government wants to increase immigration to the province. Memorial University is the province's most able recruiter, and we can be the government's immigration solution.
 - Dr. M. Haghiri wondered if signing an agreement with Navitas would increase the University's student acquisition costs. Will we have to pay royalties to Navitas on a per-student basis?
 - Navitas will be responsible for recruiting the students. Navitas will profit from the arrangement, as will Memorial. There is a significant financial incentive to partnering with this company, and through consultations with Memorial, Simon Frasier reports increased enrolment and revenue since signing an agreement with Navitas. This arrangement follows a revenue sharing business model.
 - Dr. G. Curtis stated that he was opposed to any "back-door recruiting" practices, such as partnering with Navitas. He encouraged Senators to research an article from McLean's Magazine on the subject, and warned against the pitfalls of academic privatization.
 - The President assure Senators that there would be more discussion about this in the future before final decisions are made. The University is still only in the early stages of consideration. We just announced it here for information.
 - A final point was raised about classifying some library staff as essential workers when the alert level decreases to 4.
 - Ms. S. Cleyle stated that the Library will consider the suggestion, but reminded everyone public health and safety regulations must be adhered to.
 - The President closed by saying that Memorial University, like the rest of the province, is in financial trouble. There will be some tough discussions and hard decisions in the near future, and we may have to be open to new ideas.

CONSENT AGENDA

It was noted that Mr. M. Hunter, *Ex-officio* Senator from the Department of Education abstained from voting on any agenda items as government is currently in caretaker mode.

It was moved by Dr. A. Surprenant, seconded by Dr. G. George, and carried that the consent agenda, be approved as follows.

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

97.1 Human Kinetics and Recreation – New Courses 6002, 6126, 6127 and 6335

Page 653, 2020-2021 Calendar, under the heading 20.6 Courses, amend section to read as follows:

“20.6 Courses

- 6000 Quantitative Research Methods
- 6001 Qualitative Research Methods
- 6002 Action Research in Human Kinetics & Recreation
- 6003 Culture and Society in Human Kinetics & Recreation
- 6111 Canadian Delivery Systems in Physical Education, Recreation and Sport
- 6120 Curriculum Development in Physical Education
- 6121 Leadership in Human Kinetics & Recreation
- 6122 Comprehensive Community and School Health
- 6123 Coaching and Long-term Athlete Development
- 6124 Adapted Physical Activity
- 6126 Positive Youth Development
- 6127 Activity over the lifespan
- 6130 Computer Applications for Physical Activity Measurement and Intervention
- 6201 Foundations of Sport Psychology and Mental Training Techniques
- 6202 Intervention and Enhancement Techniques in Mental Training Consultation
- 6203 Sport Psychology Consulting
- 6310 Exercise Physiology I
- 6314 Graduate Seminar Series (repeatable, non-credit)
- 6320 Exercise Physiology II
- 6330 The Application and Implementation of Kinesiology Technologies
- 6335 Work, Organization & Health

- 6340 Occupational Biomechanics
- 6350 Human Error in Complex Work Systems
- 6360 Knowledge Translation: Applications to Ergonomics and Occupational Health and Safety
- 6370 Movement and Neural Science
- 6410 Sport and Society
- 6420 History of Physical Education, Recreation and Sport
- 6500 Introduction to Research in Physical Education
- 6600 Contemporary Issues and Trends in Human Kinetics & Recreation
- 6710-6719: Individual Reading and Research in Special Areas of Exercise and Work Physiology
- 6720-6729: Individual Reading and Research in Special Areas of Biomechanics and Ergonomics
- 6000 Quantitative Research Methods
- 6730-6739: Individual Reading and Research in Special Areas of Human Kinetics & Recreation”

97.2 Medicine – Revisions to MED 6199

Page 693, 2020-2021 Calendar, under the heading 32.2.3 Graduate Courses, amend section to read as follows:

“32.2.3 Graduate Courses

- 6030-6050 Special Topics
- 6070 Seminars in Physiological Instrumentation
- 6075 Human Physiology, Performance and Safety in Extreme Environments (HSPE)
- 6090-6101 Special Topics
- 6102 Critical Theory in Health and Society
- 6103-6119 Special Topics
- 6127 Immunology I
- 6128 Immunology II
- 613A/B Advanced Immunological Methods (*same as the former 6130*)
- 6131-6139 Special Topics
- 6140 Basic Cardiovascular and Renal Physiology
- 6141 Cardiovascular/Renal Techniques
- 6142 Selected Topics in Cardiovascular and Renal Physiology
- 6143 Cardiovascular Anatomy
- 6144 Current Concepts in Cardiovascular and Renal Pathophysiology
- 6150 Principles of Scholarly Writing for Rural Doctors (may be delivered outside the regular semester timeframe)
- 6151 Principles of Research for Rural Doctors (may be delivered outside the regular semester timeframe)

- 6180 Structure, Function and Pharmacology of Muscle
- 6190 General Pharmacology
- 6192 Pharmacology of Receptors and Receptor Effector Coupling Processes
- 6193 Advanced Topics in Neuroscience
- 6194 Advanced Topics in Physiology
- 6195 Neurobiology of Nervous System Diseases
- 6196 Systems Neuroscience
- 6197 Cellular Neuroscience
- 6198 Neuroanatomy for Graduate Students (accelerated format)
- 6199 Health Sciences:-Writing and Grantsmanship
- 6200 Biostatistics I (*credit may be obtained for only one of MED 6200 or MED 6262*)
- 6220 Introduction to Community Health
- 6225 Health Inequities and the Social Determinants of Health
- 6250 Basic Clinical Epidemiology
- 6255 Clinical Research Design
- 6260 Applied Data Analysis for Clinical Epidemiology
- 6262 Biostatistics in Clinical Medicine (*credit may be obtained for only one of MED 6200 or MED 6262*)
- 6263 Conducting and Publishing Systematic Review and Meta-analysis
- 6265 Genetics and Clinical Epidemiology
- 6268 Patient Engagement in Health Research
- 6270 Epidemiology I
- 6274 Chronic Disease Epidemiology
- 6275 Epidemiology II
- 6276 Current Topics in Canada's Health Care System
- 6277 Issues in Northern, Rural and Remote Health in Canada
- 6278 Advanced Biostatistics for Health Research
- 6279 Quantitative Methods for Applied Health Research
- 6280 Community Health Research Methods
- 6281 Theory and Approaches to Medical Publication”

REGULAR AGENDA

98. March Special Meeting of Senate

The Senate Planning and Budget Committee has requested delaying the March Special Meeting of Senate until April so they can better prepare to present to Senators.

It was moved by Dr. A. Surprenant, seconded by Dr. J. Westcott, and carried that Senate approve postponing the special meeting until April.

99. Report of the Senate Committee on Undergraduate Studies

99.1 Faculty of Science

It was moved by Mr. P. Brett, seconded by Dr. E. Kendall, and carried that the following calendar changes be approved.

Page 551, 2020-2021 Calendar, under the heading 12.11.1 Non-Restricted Courses, amend the following courses as indicated:

“ **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.

CR: PSYC 2025, PSYC 3050

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2020 Social and Personality Development (same as the former PSYC 2011) 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, the former PSYC 2011

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2030 Adult Development (same as the former PSYC 2012) examines physical and psychological changes from early adulthood until the end of the lifespan. Topics include career choices, love partnerships, parenting and grandparenting, cognitive changes, interpersonal changes, and healthy aging.

CR: the former PSYC 2012

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2100 Attitudes and Social Cognition is an examination of the concepts and principles involved in the interaction between the individual and others. Emphasis will be on the theoretical and empirical concerns of attitude formation and change, social perception, and social cognition.

CR: the former PSYC 2125, PSYC 3100

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2150 Introduction to Forensic Psychology will provide an in-depth overview of the relationship between psychology and the law. A variety of topics will be discussed and critically evaluated, including the use and misuse of psychology-based investigative methods such as offender and geographic profiling, detection of deception, investigative interviewing, eyewitness testimony, jury decision-making, corrections and treatment, risk assessment, and criminal responsibility.

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2151 Health Psychology will explore the history, aims and future of health psychology. Topics covered will consider the contributions of a wide range of

psychological theory within the context of psychosocial risk factors for illness, illness prevention, health promotion, and the health care system itself. These theories extend from rather individualistic notions of health and wellness (e.g., personality, attitudes, and behaviour) to concepts associated with characteristics of the broader social environment (e.g., social support, economic challenges, and organizational factors). An overall bio-psycho- social approach to health and wellness is explored.

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2540 Psychology of Gender is an examination of the influence of gender on development and socialization, attitude formation, cognition, personality and mental health.

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2800 Drugs and Behaviour is an examination of the neurophysiology of drug action, the measurable effect of drugs on experimentally controlled behaviour, and a survey of information available on common self- administered drugs and their immediate and long-term effects.

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major

2810 Brain and Behaviour is a broad survey of physiological psychology at an elementary level. Topics will include the following: structure of the nervous system, nerve conduction, sensory and motor systems, behavioural biology of reproduction, aggression, feeding and drinking, sleep and arousal, pleasure and pain, learning and memory.

CR: PSYC 2520 or 2521, 2825, the former PSYC 3801

PR: PSYC ~~4000~~ and 1001

2920 Research Methods in Psychology for Non-Majors provides an introduction to the design, understanding, and application of psychological research. Topics covered include understanding and applying scientific method, creating and testing hypotheses, constructing reliable and valid experiments, and the proper use of controls. An emphasis will be placed on thinking critically about psychology and common errors of judgment.

PR: PSYC ~~4000~~ and 1001

UL: cannot be used towards the Psychology major or any Psychology honours or joint honours programs

3533 Sexual Behaviour covers the most important aspects of human sexuality with a psychology theory and research framework. The course will examine the biological, behavioural and socio-cultural bases of the human sexual response. Topics include sexual interaction and communication, contraception, sexually transmitted infections, reproduction, sexual orientation, transgender and intersex,

variations in sexual behaviour, sex and gender, sexual dysfunction and therapy, and sexual coercion.

PR: PSYC ~~1000~~ and 1001

UL: cannot be used towards the Psychology major”

Page 238, 2020-2021 Calendar, under the heading 13.25.4 Non-Restricted Courses, amend the following courses as indicated:

“**2150 Introduction to Forensic Psychology** will provide an in-depth overview of the relationship between psychology and the law. A variety of topics will be discussed and critically evaluated, including the use and misuse of psychology-based investigative methods such as offender and geographic profiling, detection of deception, investigative interviewing, eyewitness testimony, jury decision-making, corrections and treatment, risk assessment, and criminal responsibility.

PR: PSYC ~~1000~~ and 1001

UL: cannot be used towards the Psychology major

2800 Drugs and Behaviour is an examination of the neurophysiology of drug action, the measurable effect of drugs on experimentally controlled behaviour, and a survey of information available on common self-administered drugs and their immediate and long-term effects.

PR: PSYC ~~1000~~ and 1001

UL: cannot be used towards the Psychology major

3533 Sexual Behaviour

covers the most important aspects of human sexuality with a psychology theory and research framework. The course will examine the biological, behavioural and socio-cultural bases of the human sexual response. Topics include sexual interaction and communication, contraception, sexually transmitted infections, reproduction, sexual orientation, transgender and intersex, variations in sexual behaviour, sex and gender, sexual dysfunction and therapy, and sexual coercion.

PR: PSYC ~~1000~~ and 1001

UL: cannot be used towards the Psychology major”

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

100.1 FBA Revisions to sections 11 and 12

It was moved by Dr. A. Surprenant, seconded by Mr. C. Couturier, and carried that the following calendar changes be approved.

Page 625, 2020-2021 Calendar, under the heading 11.1 Qualifications for Admission, amend section to read as follows:

“11.1 Qualifications for Admission:

1. Admission is limited and competitive. To be eligible for consideration for admission to the MBA program, an applicant shall:
 - a. normally hold at least a Bachelor's Degree, with a minimum 'B' standing, from an institution recognized by Senate;
 - b. normally have two years of full-time work experience, or equivalent, deemed acceptable to the Faculty of Business Administration; and
 - c. achieve a satisfactory total score on the Graduate Management Admission Test (GMAT) (normally a minimum of 550), as well as an appropriate balance of verbal and quantitative GMAT score components or a satisfactory total score on the Graduate Record Examinations (GRE) General Test (normally a minimum of 302), as well as an appropriate balance of verbal and quantitative GRE score components. Specific information regarding GMAT test centres, dates, registration procedure and deadlines can be obtained by contacting the Graduate Management Admission Council at ~~the GMAT exam website~~ www.mba.com. Specific information regarding GRE test centres, dates, registration procedure and deadlines can be obtained at www.ets.org/gre.
2. An applicant who did not complete a Bachelor's degree at a recognized university where English is the primary language of instruction must normally complete either the:
 - a. 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
 - b. 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. IELTS information is available at www.ielts.org.
3. In exceptional cases, an applicant who has not completed a Bachelor's degree, but who meets all other requirements, may be considered for admission. Preference will be given to those who present a high GMAT or GRE score, have a minimum of 10 years of full-time managerial and executive experience, and have completed several years of university studies. The Faculty may also take into account relevant professional credentials. An applicant who does not meet normal admission requirements may be required to complete, with a high level of achievement, certain undergraduate courses before being considered for admission.
4. Graduates of the Graduate Diploma in Business Administration applying to the M.B.A. program must meet all MBA admission requirements outlined above.
5. Notwithstanding the above, in exceptional cases, and only on the strong recommendation of the Faculty of Business Administration, consideration may be given to an applicant who does not qualify for admission

consideration in accordance with the entrance requirements outlined above. It is noted that the GMAT or GRE testing requirement is never waived.”

Page 626, 2020-2021 Calendar, under the heading 11.3 Procedure for Admission, amend clause 2.c. to read as follows:

“c. the official GMAT score report, ~~to be sent directly by the Graduate Management Admission Council. The code number for Memorial University of Newfoundland is LTT-6W-51;~~ or the official GRE score report”

Page 629, 2020-2021 Calendar, under the heading 12.1 Qualifications for Admission, amend clauses 3 and 4 to read as follows:

“12.1 Qualifications for Admission

3. In exceptional cases, an applicant who has not completed a Bachelor's degree, but who meets all other requirements, may be considered for admission. Preference will be given to those who present a high GMAT (normally a minimum of 550) or GRE (normally a minimum of 302) score, have a minimum of 10 years of full-time managerial and executive experience, and have completed several years of university studies. The Faculty may also take into account relevant professional credentials. An applicant who does not meet normal admission requirements may be required to complete, with a high level of achievement, certain undergraduate courses before being considered for admission.
4. Notwithstanding the above, in exceptional cases, and only on the strong recommendation of the Faculty of Business Administration, consideration may be given to an applicant who does not qualify for admission consideration in accordance with the entrance requirements outlined above. It is noted that the GMAT or GRE requirement is never waived.”

Page 630, 2020-2021 Calendar, under the heading 12.3 Procedure for Admission, amend clause 2.c. to read as follows:

“c. the official GMAT score report, ~~to be sent directly by the Graduate Management Admission Council. The code number for Memorial University of Newfoundland is LTT-6W-51;~~ or the official GRE score report”

100.2 Medicine – Revisions to sections 34 and 36

It was moved by Dr. A. Surprenant, seconded by Dr. M. Steele, and carried to approve these calendar changes as follows:

Page 692, 2020-2021 Calendar, under the heading 32.3.1.4 Clinical Epidemiology, amend section to read as follows:

“32.1.3.4 Clinical Epidemiology

The program in Clinical Epidemiology is aimed at university graduates intending a career in health services, faculty members seeking advanced training in clinical epidemiology, medical doctors and other health care professionals interested in health research.

1. Qualifications for Admission

The admission requirements are as given under the **General Regulations** governing Master's degrees. In exceptional circumstances, a professional equivalent qualification will be considered for admission.

2. Program Requirements

a. Students are required to take: MED 6262, MED 6250, MED 6255, or MED 6260, plus a minimum of one elective. Electives are normally chosen from MED 6095, MED 6263 and MED 6265 as recommended by the supervisory committee and approved by the ~~Director~~ or Coordinator. In addition students are required to take the Seminar Series (MED 6400, 6401, 6402 and 6403). MED 6250 and MED 6262 are normally completed in the Fall semester. MED 6255 and MED 6260 are normally completed in the Winter semester.

b. Students are expected to give an oral presentation or course lecture in each year of their program.”

Page 728, 2020-2021 Calendar, under the heading 37.27.2.1 Program Areas, amend clause 3 to read as follows:

“37.27.2.1 Program Areas

3. Clinical Epidemiology

a. The program in Clinical Epidemiology is aimed at university graduates intending a career in health services, faculty members seeking advanced training in clinical epidemiology, medical doctors, and other health care professionals interested in health research.

b. Program Requirements: Students are required to successfully complete the following courses if they have not been previously completed: MED 6262, MED 6250, MED 6255, and MED 6260 plus a minimum of one elective. Electives are normally chosen from MED 6095, MED 6263 and MED 6265 or as recommended by the supervisory committee and approved by the ~~Director~~ or Coordinator. Students are required to take the Ph.D. Seminar Series (MED 6410, 6411, 6412, 6413). MED 6250 and MED 6262 are normally completed in the Fall semester. MED 6255 and MED 6260 are normally completed In the Winter semester. The supervisory committee, with the approval of the ~~Director~~ or Coordinator, can recommend an alternate program of study. Students are expected to give an oral presentation or course lecture in each year of their program.”

Page 693, 2020-2021 Calendar, under the heading 32.2.1 Qualifications for Admission, amend section to read as follows:

“32.2.1 Qualifications for Admission

To be admitted into the respective graduate diploma program a student must be eligible to register as a graduate student, as described under **General Regulations**,

Graduate Diploma Programs. In special circumstances, and upon the recommendation of the ~~Director of Clinical Epidemiology or~~ Associate Dean of Community Health and Humanities, for their respective program, a suitable combination of training and professional experience relevant to that program may be acceptable for admission.”

100.3 Maritime Studies – Revisions to Section 21

It was moved by Dr. A. Surprenant, seconded by Dr. C. Walsh, and carried to approve these calendar changes as follows:

Page 653, 2020-2021 Calendar, under the heading 21 Regulations Governing the Degree of Master of Marine Studies and the Graduate Diploma in Marine Studies (Fisheries Resource Management), amend section to read as follows:

“**21 Regulations Governing the Degree of Master of Marine Studies and the Graduate Diploma in Marine Studies (Fisheries Resource Management)**

- www.mun.ca/sgs/contacts/sgscontacts.php
- www.mi.mun.ca
- www.mun.ca/become/graduate/apply/app_deadlines.php

The degree of Master of Marine Studies (M.M.S.) is offered in Fisheries Resource Management (FRM) and in Marine Spatial Planning and Management (MSPM). There is also a **Graduate Diploma in Marine Studies (Fisheries Resource Management)**.

Both the Fisheries Resource Management and the Marine Spatial Planning and Management program areas will be administered by Academic Directors appointed by the **Associate Vice-President (Marine Institute), Academic and Student Affairs**, together with Academic Advisory Committees.

Academic Advisory Committees for each program area will be appointed by the Dean of Graduate Studies on recommendation of the **Associate Vice-President (Marine Institute), Academic and Student Affairs**. Each of these committees will consist of the Academic Director as Chair, three members from the Marine Institute and two members from other academic units of the University. Normally, all appointments will be for a period of three (3) years.

For the Fisheries Resource Management programs, a Technical Advisory Committee consisting of a cross-section of members with professional expertise related to the fishery, will provide regular feedback on program content, instruction, and future direction of the Program.

For the Marine Spatial Planning and Management program, a Technical Advisory Committee, consisting of a cross-section of members with professional expertise related to the ocean/marine sector, will provide regular feedback on program content, instruction, and future direction of the Program.

Members of these Technical Advisory Committees will be appointed by the Dean of Graduate Studies on recommendation of the [Associate Vice-President](#) (Marine Institute), [Academic and Student Affairs](#). The Academic Director will be an ex-officio member and Chair of the Technical Advisory Committee. Normally all appointments will be for a period of three (3) years.

21.1 Graduate Diploma in Marine Studies (Fisheries Resource Management)

The Graduate Diploma in Marine Studies (Fisheries Resource Management) provides an opportunity for fisheries professionals to enhance their perspective on fishery issues from a variety of disciplines.

21.1.1 Admission Requirements

To be considered for admission to the Graduate Diploma in Marine Studies (Fisheries Resource Management), a student must be eligible to register in the Master of Marine Studies program (see [Master of Marine Studies \(Fisheries Resource Management\), Admission Requirements](#) below).

21.1.2 Program of Study

The program is offered online and requires successful completion of 18 credit hours of course work:

1. 5 courses (15 credit hours) from **Core Courses**; and
2. 1 elective course (3 credit hours) from either **Category A** or **Category B** Electives.

21.1.3 Evaluation

Students for the Graduate Diploma in Marine Studies (Fisheries Resource Management) must obtain a grade of B or better in all program courses.

21.1.4 Courses

Courses required for the Graduate Diploma in Marine Studies (Fisheries Resource Management) must be selected from the **Courses** section outlined under the Master of Marine Studies (Fisheries Resource Management) program.

21.2 Master of Marine Studies (Fisheries Resource Management)

The Master of Marine Studies (Fisheries Resource Management) is a multi-disciplinary program of study that will provide the student with exposure to all dimensions of modern fisheries resource management in an international context. The program is aimed at professionals working in or intending to enter careers in fisheries management. The program is offered online and requires successful completion of either 24 credit hours of course work and a Major Report, or 30 credit hours of course work. Students who have successfully completed the requirements for the Graduate Diploma in Marine Studies (Fisheries Resource Management) may elect to continue their program of study in order to earn the Degree.

21.2.1 Admission Requirements

1. Admission to the program is on a competitive basis. To be considered for admission to the program an applicant must normally have an undergraduate degree with a minimum of a high second class standing from an institution recognized by the Senate.
2. In addition, applicants will normally have a demonstrated commitment to fisheries through employment or experience in a sector of the fishery, in a regulatory agency or government department connected to fisheries, in a non-governmental agency, or through self-employment or consulting activities related to fisheries.
3. In exceptional cases, applicants who have not completed an undergraduate degree may be considered for admission. Preference will be given to those who have at least 10 years of relevant professional experience, and have successfully completed several years of post-secondary studies. Applicants who do not meet normal admission requirements shall be required to complete, with a high level of achievement, certain undergraduate courses before being considered for admission.
4. Applicants who did not complete a baccalaureate or post-graduate degree at a recognized university where English is the primary language of instruction must normally complete either the:
 - a. 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
 - b. 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. IELTS information is available at www.ielts.org. It is noted that other equivalent tests acceptable to the School of Graduate Studies will also be considered.

- ~~5. The deadlines for submission of applications for students wishing to enter the program are as follows:
 - Fall (September) semester: June 15~~

~~○ Winter (January) semester: October 15~~

~~○ Spring (May) semester: February 15~~

~~Applications received after listed deadlines will be considered as time and resources permit.~~

21.2.2 Program of Study

1. Students for the Master of Marine Studies (Fisheries Resource Management) shall be required to complete a minimum of either:
 - a. 24 credit hours of course work plus a Major Report on the **Course Work Plus a Major Report Route** completed in accordance with **General Regulation, Theses and Reports** of the School of Graduate Studies. Course work must include the following course selections from the **Courses** section below:
 - 5 core courses (15 credit hours)
 - 1 elective course (3 credit hours) from **Category A** Electives
 - 1 elective course (3 credit hours) from **Category B** Electives
 - 1 elective course (3 credit hours) from either **Category A** or **Category B**
 - b. 30 credit hours on the **Comprehensive Course Route** which must include the following course selections from the **Courses** section below:
 - 5 core courses (15 credit hours)
 - 2 elective courses (6 credit hours) from **Category A** Electives
 - 1 elective course (3 credit hours) from **Category B** Electives
 - 2 elective courses (6 credit hours) from either **Category A** or **Category B**
2. Dependent upon the applicant's academic background, other courses may be required by the Academic Advisory Committee.
3. Transfer of credit for graduate courses completed in other programs at the University or at other institutions recognized by Senate will be considered in accordance with School of Graduate Studies **General Regulations, Transfer of Course Credits**.

21.2.2.1 Course Work Plus a Major Report Route

24 credit hours of course work plus a Major Report completed in accordance with **General Regulations, Theses and Reports** of the School of Graduate Studies. Course work must include the following course selections from the **Courses** section below:

- 5 core courses (15 credit hours)
- 1 elective course (3 credit hours) from **Category A** Electives

- 1 elective course (3 credit hours) from **Category B** Electives
- 1 elective course (3 credit hours) from either **Category A** or **Category B**

21.2.2.2 Comprehensive Course Route

30 credit hours on the Comprehensive Course Route which must include the following course selections from the **Courses** section below:

- 5 core courses (15 credit hours)
- 2 elective courses (6 credit hours) from **Category A** Electives
- 1 elective course (3 credit hours) from **Category B** Electives
- 2 elective courses (6 credit hours) from either **Category A** or **Category B**

21.2.3 Evaluation

1. Students for the Master's Degree must obtain a grade of B or better in all program courses.
2. Students who have received a grade less than a B in a program course will be permitted to remain in the program, provided the course is retaken and passed with a grade of B or better. Alternatively the student may, on the recommendation of the Academic Advisory Committee, substitute another graduate course. Only one such repeat or substitution will be permitted in the program.
3. The Major Report will normally be undertaken towards the end of the program. The topic of the report and a faculty Supervisor will be chosen by the student in consultation with the Academic Advisory Committee. The report provides an opportunity to synthesize an original perspective on a selected fisheries issue through the examination of appropriate literature and other sources of information. Normally the report will be multi-disciplinary in nature and will result in a document equivalent to a publishable periodical journal article or a consultant's report on a particular issue. It will be assessed in accordance with **General Regulations, Theses and Reports** of the School of Graduate Studies.

21.2.4 Courses

21.2.4.1 Core Courses

MSTM 6001 Fisheries Ecology (*credit may be obtained for only one of MSTM 6001 and the former FRM 6001*)

MSTM 6002 Fisheries Resource Assessment Strategies (*credit may be obtained for only one of MSTM 6002 and the former FRM 6002*)

MSTM 6003 Fisheries Economics (*credit may be obtained for only one of MSTM 6003 and the former FRM 6003*)

MSTM 6004 Fisheries Policy and Planning (*credit may be obtained for only one of MSTM 6004, the former FRM 6004, and the former FRM 6005*)

MSTM 6005 Overview of World Fisheries (*credit may be obtained for only one of MSTM 6005 and the former FRM 6009*)

21.2.4.2 Category A Electives

MSTM 6006 Business Management for Fisheries (*credit may be obtained for only one of MSTM 6006 and the former FRM 6006*)

MSTM 6007 Fisheries Technology

MSTM 6008 Social and Philosophical Issues of Fisheries Management

MSTM 6009 Current Issues for Sustainable Fisheries

MSTM 6010 Legal Aspects of Fisheries Resource Management

21.2.4.3 Category B Electives

MSTM MARI 6044 Marine Environment Law and Pollution Control (*credit restricted with the former MSTM 6044*)

MSTM 6056 Management for International Development

MSTM 6071 Management of Aquaculture Technology

TECH 6022 Communication and Conflict Resolution in a Technical Environment (*credit restricted with the former MSTM 6022*)

TECH 6023 Strategic Planning, Policy, Participation and Management in Technical Operations (*credit restricted with the former MSTM 6023*)

TECH 6033 Quality Systems (*credit restricted with the former MSTM 6033*)

TECH 6034 Project Management in the Offshore, Health, Fisheries and Engineering Technology Environments (*credit restricted with the former MSTM 6034*)

TECH 6039 Sustainability and Environmental Responsibility (*credit restricted with the former MSTM 6039*)

21.3 Master of Marine Studies (Marine Spatial Planning and Management)

The Master of Marine Studies (Marine Spatial Planning and Management) is a multi-disciplinary academic program that provides students with both conceptual/theoretical background and practical applied skills in integrated coastal and ocean management (ICOM) and marine spatial planning (MSP). The program provides a broad level understanding of planning processes and the governance, policy/legislative, ecological, social, cultural and economic elements of coastal and ocean areas complemented by practical and applied skills for stakeholder engagement, project management and utilization of geospatial technology to support planning and management efforts.

Successful completion of the program includes 30 credit hours of course work and an Internship or a Research Project.

The program commences in the Fall semester of each year.

21.3.1 Admission Requirements

Admission to the program is on a limited and competitive basis.

1. To be considered for admission to the program an applicant will normally possess a relevant second class or better undergraduate degree from a university of recognized standing.
- ~~2. Students intending to undertake electives in Decision Support / Geospatial Analysis (Category C) are required to have a background in mathematics, statistics and geographic information systems.~~
3. In exceptional cases, applicants who have not completed an undergraduate degree may be considered for admission. Preference will be given to those who have at least 10 years of relevant professional experience, and have successfully completed several years of post-secondary studies. Applicants who do not meet normal admission requirements shall be required to complete, with a high level of achievement, certain undergraduate courses before being considered for admission.
4. Applicants who did not complete a baccalaureate or post-graduate degree at a recognized university where English is the primary language of instruction must normally complete either the:
 - a. 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
 - b. 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. IELTS information is available at www.ielts.org. It is noted that other equivalent tests acceptable to the School of Graduate Studies will also be considered.

~~The deadline for submission of applications is March 15.~~

21.3.2 Program of Study

Students in the Master of Marine Studies (Marine Spatial Planning and Management) are required to complete 30 credit hours of course work and an Internship or Research Project. Course work includes 7 core courses: 6 courses (18 credit hours) completed online, 1 intensive hands-on course (3 credit hours) offered in a face-to-face environment, as well as 3 elective courses (9 credit hours) offered either online or on campus. Students will choose one of two options for elective course selection: two Category A Electives plus one Category B Elective; or two Category B Electives plus one Category A Elective.

21.3.2.1 Core Courses

All students must complete the following compulsory core courses:

- MSTM 6011 Introduction to Integrated Coastal and Ocean Management / Marine Spatial Planning
- MSTM 6012 Fundamentals of Geospatial Analysis

MSTM 6013 Resource/Natural Environment and Ocean Use Characterization
MSTM 6014 Geospatial Analysis for Marine Spatial Planning (prerequisites:
MSTM 6011, 6012, and 6013) (may be offered in accelerated format)
~~MSTM~~ MARI 6027 Coastal and Ocean Environmental Policies (*credit
restricted with the former MSTM 6027*)
TECH 6022 Communication and Conflict Resolution in a Technical
Environment (*credit restricted with the former MSTM 6022*)
TECH 6034 Project Management in the Offshore, Health, Fisheries and
Engineering Technology Environments (*credit restricted with the former MSTM
6034*)

21.3.2.2 Electives

Students will choose one of ~~three~~ two options for elective course selection:

two Category A Electives plus one Category B Elective; or
two Category B Electives plus one Category A Elective ~~or
two Category C Electives plus one Category A or B Elective~~

Category A Electives: ~~Natural Environment~~

ENVE/ENVS 6001 Earth and Ocean Systems
MSTM 6001 Fisheries Ecology (*credit restricted with the former FRM 6001*)
MSTM 6015 Marine Protected Areas
MSTM 6016 Coastal Geomorphology / Oceanography
OCSC 7100 Biological Oceanography

Category B Electives: ~~Human Environment~~

MSTM 6008 Social and Philosophical Issues in Sustainable Fisheries
MSTM 6017 Social and Cultural Aspects of Coastal Communities
~~MSTM 6018 Coastal and Ocean Economics~~
MSTM 6003 Fisheries Economics (*credit restricted with the former FRM 6003*)
MSTM 6005 Overview of World Fisheries (*credit restricted with the former
FRM 6009*)
OTEC 6014 Introduction to Marine Renewable Energy

Category C Electives: ~~Decision Support / Geospatial Analysis~~

~~GEOG 6120 Geospatial Modelling and Analysis
GEOG 6821 Advanced Computer Modelling/Habitat Mapping~~

21.3.2.3 Internship (MSTM 6019) or Research Project

All students must complete an Internship or Research Project. Normally students would be permitted to register for the Internship or Research Project only after all other course requirements have been met, or during the student's last semester of studies. Evaluation of the Research Project shall be carried out in accordance with **General Regulations, Theses and Reports** in the School of Graduate Studies.

1. Internship Requirements

- Internships are normally proposed by the student and approved by the Academic Director in consultation with the Placement Officer. Internship placements may be local, national or international. Students seeking international internships must consult with the Academic Director early in the first year of their program.
- Internships are for full-time employment hours for the duration of the semester (12 weeks).
- Students must attend a scheduled pre-internship orientation workshop. See **Pre-Internship Workshop** below.
- Each internship placement is supervised and evaluated by the on-site Supervisor assigned by the employer and the Academic Director. The internship shall consist of two components:
 - On-Site Student Performance as evaluated by the on-site Supervisor assigned by the employer, in consultation with the Academic Director and Placement Officer.
 - An Internship Report graded by the Academic Director in consultation with the on-site Supervisor assigned by the employer.
- Evaluation of the Internship shall result in one of the following final grades: Pass or Fail.
- A student must obtain a Pass in both the On-Site Student Performance and the Internship Report to obtain a final grade of Pass. If a student fails to achieve the internship standards specified above, the student may be required to repeat the internship. An internship may only be repeated once.
- Students who voluntarily withdraw from the internship without prior approval from the Academic Director, or who conduct themselves in such a manner as to cause the host organization and the Placement Officer to terminate the placement, will normally be awarded a grade of Fail in the internship.
- Students are not permitted to withdraw from the internship without prior approval of the Academic Director, in consultation with the Placement Officer. The Placement Officer will make a recommendation to the Academic Director who will make the final decision. Permission to withdraw from the internship does not constitute a waiver of degree requirements, and students who have obtained such permission must complete an approved internship or research project in lieu of the internship dropped.

2. **Research Project Requirements**

- Research projects are normally proposed by the student and approved by the Academic Director.
- Students must attend a scheduled pre-research project orientation workshop. See **Pre-Research Project Workshop** below.

- Evaluation of the Research Project shall be carried out in accordance with **General Regulations, Theses and Reports** in the School of Graduate Studies.
- Students are not permitted to withdraw from the research project without prior approval of the Academic Director. Permission to withdraw from the research project does not constitute a waiver of degree requirements, and students who have obtained such permission must complete an approved research project or internship in lieu of the research project dropped.

3. Workshops

Students are required to complete one of the following workshops:

- **Pre-Internship Workshop**

This online workshop reviews the Internship requirements. It aids students in writing resumes and cover letters, discusses interviewing practices and examines student/employer relationships. International internship opportunities and processes for application will be discussed. This workshop is held during the week following the end of the Winter semester.

- **Pre-Research Project Workshop**

This online workshop reviews the Research Project requirements, aids students in preparing a project concept, proposal and establishing the research project timelines, and provides access to information and resources necessary for approval and completion of the Research Project. This workshop is held during the week following the end of the Winter semester.

21.3.3 Advanced Standing

Students who have successfully completed the Marine Institute Advanced Diploma in Integrated Coastal and Ocean Management will be given advanced standing credit for MSTM 6012, 6016, and [TECH 6022](#).

21.3.4 Transfer Credits

Up to three relevant elective courses (9 credit hours) may be transferred from other graduate programs within the School of Graduate Studies or from other post-secondary institutions recognized by Senate, subject to the approval of the Dean of Graduate Studies on the recommendation of the Academic Director.

21.3.5 Evaluation

1. Students in the Master of Marine Studies (Marine Spatial Planning and Management) program must obtain a grade of B or better in all program courses.
2. Students who receive a grade of less than B in any course will be permitted to remain in the program provided the course is repeated and passed with a grade of B or better. Alternatively, the student may, on the recommendation

of the Academic Director, and with the approval of the Dean of Graduate Studies, substitute another graduate course. Only one course repetition or substitution will be permitted during the student's program after which the student shall be required to withdraw from the program.

21.3.6 Courses

21.3.6.1 Core Courses

MSTM 6011 Introduction to Integrated Coastal and Ocean Management / Marine Spatial Planning

MSTM 6012 Fundamentals of Geospatial Analysis

MSTM 6013 Resource/Natural Environment and Ocean Use Characterization

MSTM 6014 Geospatial Analysis for Marine Spatial Planning (prerequisites: MSTM 6011, 6012, and 6013)

~~MSTM~~ MARI 6027 Coastal and Ocean Environmental Policies (*credit restricted with the former MSTM 6027*)

TECH 6022 Communication and Conflict Resolution in a Technical Environment (*credit restricted with the former MSTM 6022*)

TECH 6034 Project Management in the Offshore, Health, Fisheries and Engineering Technology Environments (*credit restricted with the former MSTM 6034*)

21.3.6.2 Category A Electives: ~~Natural Environment~~

ENVE/ENVS 6001 Earth and Ocean Systems

MSTM 6001 Fisheries Ecology (*credit restricted with the former FRM 6001*)

MSTM 6015 Marine Protected Areas

MSTM 6016 Coastal Geomorphology / Oceanography

OCSC 7100 Biological Oceanography

21.3.6.3 Category B Electives: ~~Human Environment~~

MSTM 6008 Social and Philosophical Issues in Sustainable Fisheries

MSTM 6017 Social and Cultural Aspects of Coastal Communities

~~MSTM 6018 Coastal and Ocean Economics~~

MSTM 6003 Fisheries Economics (*CR: credit restricted with the former FRM 6003*)

MSTM 6005 Overview of World Fisheries (*credit restricted with the former FRM 6009*)

OPEC 6014 Introduction to Marine Renewable Energy

21.3.6.4 Category C Electives: ~~Decision Support / Geospatial Analysis~~

~~GEOG 6120 Geospatial Modelling and Analysis~~

~~GEOG 6821 Advanced Computer Modelling/Habitat Mapping~~

101. Motion to Adjourn

It was moved by Mr. C. Couturier, seconded by Mr. P. Brett, and carried that the meeting be adjourned.

102. ADJOURNMENT

The meeting adjourned at 4:38 p.m.

CHAIR

SECRETARY