

## MEMORIAL UNIVERSITY OF NEWFOUNDLAND

### SENATE

The regular meeting of Senate was held on January 10, 2023 at 4:00 p.m. NST via Webex.

52. PRESENT

The President, Dr. N. Bose, Mr. E. Ludlow, Dr. T. Allen, Dr. K. Anderson, Dr. D. Behm, Dr. P. Brett, Dr. R. Burry, Dr. S. Bugden, Dr. K. Bulmer, Dr. T. Brown, Dr. E. Bezzina, Dr. T. Chapman, Dr. A. Clarke, Dr. A. Cunsolo, Mr. C. Couturier, Dr. G. Curtis, Dr. N. Catto, Dr. O. Dobre, Dr. T. Fridgen, Dr. J. Flynn, Ms. E. Fraser, Dr. G. George, Dr. G. Galway, Dr. D. Hancock, Dr. J. Hawboldt, Dr. E. Haven, Dr. M. Haghiri, Dr. R. Haynes, Dr. K. Hodgkinson, Dr. N. Hurley, Dr. K. Jacobson, Dr. E. Kendall, Dr. D. Kelly, Dr. D. Keeping, Dr. C. Kozak, Dr. L. McKivior, Dr. S. MacDonald, Dr. P. Morrill, Ms. T. Noseworthy, Dr. S. O'Neill, Dr. D. O'Keefe, Dr. D. Peters, Dr. A. Pike, Dr. J. Pridham, Dr. C. Purchase, Dr. A. Pike, Mr. R. Power, Ms. H. Pretty, Dr. P. Ride, Ms. H. Skanes, Dr. K. Snelgrove, Dr. A. Sullivan, Dr. M. Steele, Mr. P. Sullivan, Dr. M. Stordy, Dr. I. Sutherland, Ms. R. Smith, Dr. S. Shetranjiwalla, Dr. K. Szego, Dr. L. Twells, Dr. C. Walsh, Dr. A. Warren, Mr. J. Chowdhury, Mr. J. Harris, Mr. M. Chowdhury, Mr. N. Akib, Ms. I. Ojeda

PRESENT BY INVITATION

Ms. Michelle Snow, Interim Secretary of Senate  
Dr. Shannon Sullivan, Chair of the Senate Committee on Undergraduate Studies  
Mr. Rob Philpott, Vice-President (Finance and Administration)  
Dr. A. Craig, Special Advisor to the President, Continuing Education

APOLOGIES FOR ABSENCE

Dr. F. Bambico, Dr. P. Banahene Adjei, Dr. A. Bittner, Dr. E. Durnford, Dr. J. Etienne, Dr. P. Issahaku, Dr. M. Marshall, Dr. D. Mullings, Dr. S. Moore, Dr. M. Marshall, Dr. S. Rowe, Dr. S. Neilsen, Dr. G. Watson, Mr. M. Rashid, Mr. E. Araujo

53. MOTION TO ADOPT AGENDA

It was moved by Mr. Couturier seconded by Dr. Peters and carried to adopt the agenda.

54. MINUTES

It was moved by Dr. Brett, seconded by Dr. Hurley and carried that the Minutes of December 13, 2022 be taken as read and confirmed.

55. REMARKS FROM THE CHAIR

- Welcomed Senators and wished them a Happy New Year
- Announced that a new Center for Innovation and Research was opened in Corner Brook
- The President invited Dr. McKivior, University Registrar, to provide a report to Senate on enrollment. In doing so, Dr. McKivior noted:
  - Over the holidays the Memorial welcomed 352 new students to Newfoundland.
  - Currently, approximately 18,000 undergraduate students are registered.

- International enrollment continues to be very strong
- In addition, Dr. McKivior presented a report with respect to Student Success, a copy of which is provided in the background documentation.

56. REMARKS FROM THE DEPUTY CHAIR

- Five searches ongoing for Deans
- Dr. Bose invited Dr. Sutherland to provide an update with respect to Grenfell Campus. In doing so he noted:
  - two searches are on-going at Grenfell Campus, Assistant Vice-President (Research) and Dean of the School of Science and the Environment.
- He then invited Dr. Brett to provide an update with regard to the Marine Institute. Dr. Brett noted:
  - the Institute is currently searching for two new Department Heads for both the School of Maritime Studies and the School of Ocean Technology

**CONSENT AGENDA**

It was moved by Dr. George seconded by Dr. Sutherland and carried that the consent agenda be approved as follows:

57. REPORT OF THE SENATE COMMITTEE ON UNDERGRADUATE STUDIES

57.1 On page 500 of the 2022-2023 University Calendar under section 11.2.3.1 Major in Biology amend as follows:

“All ... equivalents:

1. ...
2. ...
3. ...
4. Chemistry 1050 and 1051 (or 1200 and 1001, or 1010 and the former 1011), and Chemistry 2400

**11.2.4.1 Honours in Biology**

**2. Core Course Requirements:**

All ... equivalents:

- a. Six ...
- b. Physics ...
- c. Mathematics ...
- d. Chemistry 1050 and 1051 (or 1200 and 1001, or 1010 and the former 1011), and Chemistry 2400”

On page 491 of the 2022-2023 University Calendar under section 10.1.13 Marine Biology Joint Major amend bullet point 6 under 10.1.13.1 Program of Study to read as follows:

“6. Chemistry 1050 and 1051 (or 1200 and 1001), and 2400.

On page 494 of the 2022-2023 University Calendar under section 10.2.8 Biology and Earth Sciences Joint Honours amend item 3 to read as follows:

“3. Chemistry 2400, Biochemistry 2201 or the former 2101, Biochemistry 3206 or 3106, one of the Statistics 2500 or 2560.”

Under section 10.2.9 Biology and Psychology Joint Honours amend item 5 to read as follows:

“5. Mathematics 1000; Chemistry 1050 (or 1200), 1051 or (1001) and 2400, Physics 1020 (or 1050), and 1021 (or 1051); Biochemistry 2201 or the former 2101 and 3206 or 3106.”

Under section 10.2.10 Biology and Psychology (Behavioural Neuroscience) Joint Honours amend item 6 to read as follows:

“6. Mathematics 1000 and 1001; Physics 1020 (or 1050) and 1021 (or 1051); Chemistry 1050 (or 1200), 1051 (or 1001), and 2400.”

Under section 10.2.11 Biology and Statistics Joint Honours amend item 5 to read as follows:

“5. Chemistry 2400 ~~and 2401~~, Biochemistry 2201 or the former 2101, and 3206 or 3106;”

Under section 10.2.21 Marine Biology Joint Honours amend item 6 to read as follows:

“6. Chemistry 1050 and 1051 (or Chemistry 1200 and 1001), and Chemistry 2400;”

57.2 On page of the 2022-2023 University Calendar under section 12.2 Biology amend as follows:

**“4605 Statistics in the Biological and Environmental Sciences**

(same as Ocean Sciences 4605) is ... Hypothesis testing, randomization tests and likelihood ratios. Topics include the general linear model (t-tests, ancova etc), correlation, multivariate methods, mixed models, Poisson and logistic regression.

CR: OCSC 4605

LH: 3

PR: Statistics 2550 or any of the courses listed in the credit restrictions of Statistics 2550 or permission of the instructor.”

On page of the 2022-2023 University Calendar under section 12.9 Ocean Sciences amend the course to read as follows:

**“4605 Quantitative Methods in Statistics in the Biological and Environmental Sciences**

(same as Statistics 4581 Ocean Sciences 4605, and the former Statistics 4605 is quantitative reasoning using verbal, graphical and statistical models of scaled quantities (units and dimensions). Exploratory and confirmatory analysis of field and laboratory data. Hypothesis testing, including randomization tests and likelihood ratios. Topics include the general linear model (t-tests, ancova etc), correlation, multivariate methods, mixed models, Poisson and logistic regression.

CR: OCSC 4605

LH: 3

PR: Statistics 2550 or any of the courses listed in the credit restrictions of Statistics 2550 or permission of the instructor.”

- 57.3 On page 533 of the 2022-2023 University Calendar under section 13.2 Biology amend the course as follows:

**“3050 Introduction to Microbiology**

is a course ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 2250 (or Biochemistry 2100 or Biochemistry 2200); Biochemistry 2201 or the former Biochemistry 2101

- 57.4 On page 503 of the 2022-2023 University Calendar under section 11.2.5.Biology Concentrations amend the sections as follows:

11.2.5.1 Applied Ecology and Conservation

“Students selecting an Applied Ecology and Conservation concentration are required to complete 18 credit hours from the following courses:

2. Biology 3610,4122, 4306,4307, 4360, 4405, 4605,4650, 4651, 4710, 4810, 4820, 4911”

11.2.5.2 Aquatic Life

“Students selecting an Aquatic Life concentration are required to complete 18 credit hours from the following courses:

2. Biology 3014, 3050, 3630, 3709, 3710, 3711, 3712, 3714, 3715, 4122, 4601, 4710, 4750, 4912”

11.2.5.3 Biological Tools and Techniques

“Students selecting a Biological Tools and Techniques concentration are required to complete 18 credit hours from the following courses:

2. Biology 3050, 3709, 3950, 3951, 4270, 4360, 4405, 4605, 4606, 4607, 4710, 4770, 4810, 4820”

11.2.5.4 Biology for Health Professions

“Students selecting a Biology for Health Professions concentration are required to complete 18 credit hours from the following courses:

3. Biology 3050, 3052, 3500, 3530, 4010, 4050, 4200, 4241, 4245, 4404, 4550, 4605
4. Medicine 310A/B”

11.2.5.5 Comparative Biology

“Students selecting a Comparative Biology concentration are required to complete 18 credit hours from the following courses:

2. Biology 3202, 3300, 3401, 3402, 3640, 3715, 3750, 4122, 4620, 4630, 4701, 4770, 4910”

11.2.5.6 Evolutionary Ecology

“Students selecting an Evolutionary Ecology concentration are required to complete 18 credit hours from the following courses:

2. Biology 3295, 3715, 3811, 3951, 4005, 4250, 4270, 4505, 4605, 4620, 4630, 4701, 4710, 4800, 4910”

#### 11.2.5.7 Molecular, Microbial, and Cell Biology

“Students selecting a Molecular, Microbial and Cell Biology concentration are required to complete 18 credit hours from the following courses:

3. Biology 3050, 3052, 3401, 3402, 3530, 3950, 3951, 4050, 4241, 4250, 4251, 4404, 4606, 4052 Biochemistry 32071

- 57.5 On page 533 of the 2022-2023 University Calendar under section 13.2 Biology amend the following courses:

#### **“2040 Modern Biology and Human Society I**

examines ...

UL: not acceptable as one of the required courses for the Minor, Major or Honours programs in Biology”

#### **“2041 Modern Biology and Human Society II**

examines ... UL: not acceptable as one of the required courses for the Minor, Major or Honours programs in Biology”

#### **“2060 Principles of Cell Biology**

is a ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 2250 OR Biochemistry 2200”

#### **“2122 Biology of Invertebrates**

is a ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 1001, 1002”

#### **“2210 Biology of Vertebrates**

is a ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 1001, 1002”

#### **“2250 Principles of Genetics**

is an...

CR: Biochemistry 2100

LH: 3 hour labs alternating weekly with tutorials

PR: Science 1807 and Science 1808; BIOL 1001 and 1002; Chemistry 1050”

#### **“2600 Principles of Ecology**

is a ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 1001 and 1002, or BIOL 2120 and admission to a major in Environmental Physics”

**“2900 Principles of Evolution and Systematics**

is an ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 2250”

**“3014 Biology and Ecology of Boreal and Arctic Seaweeds**

is a ...

OR: this course is offered at the Bonne Bay Marine Station during the Summer semester with two weeks of instruction followed by a week to complete course requirements

PR: Science 1807 and Science 1808; BIOL 2600 or equivalent”

**“3052 Food Microbiology**

(same as Biochemistry 3052) is ...

CR: Biochemistry 3052

LH: 3

PR: Science 1807 and Science 1808; BIOL 3050”

**“3202 Comparative Vertebrate Anatomy**

Examines ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 1001 and 1002”

**“3295 Population and Evolutionary Ecology**

is an ...

PR: Science 1807 and Science 1808; BIOL 2600; at least one of BIOL 2010, 2122 or 2210”

**“3300 Introductory Entomology**

is a ...

LH: 3

PR: Science 1807 and Science 1808; BIOL 2600. It is recommended that students have successfully completed BIOL 2900”

**“3401 Comparative Animal Physiology**

is a ...

CO: Biochemistry 3106 or 3206

LH: 3

PR: Science 1807 and Science 1808; BIOL 2060 and 2210

PR: Biochemistry 3106 or 3206”

**“3402 Principles of Plant Physiology**

is a ...

CO: Biochemistry 3106 or 3206

LH: 3

PR: Science 1807 and Science 1808; BIOL 2010 and 2060

PR: Biochemistry 3106 or 3206”

**“3715 Ecology and Evolution of Fishes**

(same as the former BIOL 4600) examines...

LH: 3

PR: Science 1807 and Science 1808; BIOL 2600 and 2900”

**“3811 Paleontology**

(same as Earth Sciences 3811) is ...

CR: Earth Sciences 3811

LH: 3

PR: either Earth Sciences 1002 and BIOL 2120 (or BIOL 1001 and 1002); or BIOL 2122 and 2210”

**“3950 Research Methods in Genetic Biotechnology**

covers DNA extraction ...

LH: Three hours of lecture and three hours of laboratory per week or a three week on-campus course that embodies equivalent instructor time

PR: Science 1807 and Science 1808; BIOL 2060 and 2250”

**“4200 Immunology**

(same as Biochemistry 4105 and Pharmacy 3006) is ...

CR: Biochemistry 4105, Pharmacy 3006

PR: Science 1807 and Science 1808; BIOL 2060”

**“4241 Advanced Genetics**

has ...

OR: 3 hours of seminar/discussion group each week

PR: Science 1807 and Science 1808; BIOL 2250 (or BIOC 2100 or 2200)”

**“4307 Global Change Biology**

Examines...

OR: 3 hours of seminar/discussion group each week

PR: BIOL 2600, BIOL 2900 or permission of the instructor”

On page 207 of the 2022-2023 University Calendar under section 13.3 Biology amend the course descriptions as follows:

**“2122 Biology of Invertebrates**

is a study ...

LH: 3

PR: BIOL 1001 and BIOL 1002; Science 1807 and Science 1808”

**“2210 Biology of Vertebrates**

is a study ...

LH: 3

PR: BIOL 1002; Science 1807 and Science 1808”

**“2250 Principles of Genetics**

is an ...

CO: Chemistry 2440 or Chemistry 2400

LH: 3

PR: Chemistry 2440...”

**“2600 Principles of Ecology**

is a ...  
LH: 3  
PR: BIOL 1002; Science 1807 and Science 1808”

On page 531 of the 2022-2023 University Calendar under section 13.1 Biochemistry amend course descriptions as follows:

**“3052 Food Microbiology**  
(same as Biology 3052) is ...  
CR: Biology 3052  
LH: 3  
PR: Biology 3050 and Science 1807 and Science 1808”

**“4105 Immunology**  
(same as Biology 4200 and Pharmacy 3006 is an ...  
CR: Biology 4200, Pharmacy 3006  
PR: BIOC 2201 or the former 2101”

**“3811 Paleontology**  
(same as Biology 3811) outlines ...  
CR: Biology 3811  
LH: 3  
PR: either Biology 2120 (or Biology 1001 and 1002) and EASC 1002; or  
Biology 2122 and 2210”

57.6 On page 533 of the 2022-2023 University Calendar under section 13.2 Biology amend the following course title and description:

**“4245 Physical Biology**  
is an introduction to the physics that govern the smallest scales of life and is intended for students interested in interdisciplinary science. Major topics will include 1) diffusion and viscosity-driven effects and how these shape the lives of microorganisms, and 2) entropy and how entropic effects govern the molecular machinery in living cells and tissues.  
LH: 3  
PR: Science 1807 and Science 1808; Biochemistry 2201 or the former 2101”

On page 492 of the 2022-2023 University Calendar under section 10.2 Joint Honours in section 10.2.3 Biochemistry and Cell Biology Joint Honours amend Clause 6 to read as follows:

“6. Biology 2060, 2250, 2600, 2900, 3530, 4241, plus one of Biology 3401, 3402, or 4404;”

On page 494 of the 2022-2023 University Calendar under section 10.2.8 Biology and Earth Sciences Joint Honours amend Clause 4 to read as follows:

“4. Biology 2060, 2250, 2600, 2900, one of 3401, 3402, or 4404; plus Biology 3710, 3711, and 4505. In addition, further Biology courses at the 2000, 3000, or 4000 level must be



selected by the student in consultation with the supervisor to make up a minimum of 42 credit hours in Biology not including Biology 499A or 499B.”

Amend Clause 1 under section 10.2.10 Biology and Psychology Joint Honours to read as follows:

“ 1. Biology 1001, 1002, 2060, 2250, 2600, 2900; one of 3401, 3402, or 4404; four Biology electives at the 2000, 3000 or 4000 level not including Biology 499A or 499B.”

Amend Clause 1 under section 10.2.10 Biology and Psychology (Behavioural Neuroscience) Joint Honours to read as follows:

“1. Biology 1001, 1002, 2060, 2250, 2600, 2900; one of 3401, 3402, or 4404; five Biology electives at the 2000, 3000 or 4000 level not including Biology 499A or 499B.”

Amend Clause 6 under section 10.2.11 Biology and Statistics Joint Honours to read as follows:

“6. Biology 2060, 2250, 2600, 2900, one of 3401, 3402, or 4404. In addition, further Biology courses at the 2000, 3000 or 4000 level must be selected by the student in consultation with the supervisor to make up a minimum of 42 credit hours in Biology but not including Biology 499A or 499B;”

On page 500 of the 2022-2023 University Calendar under section 11 Program Regulations under subsection 11.2.3.1 Major in Biology amend description to read as follows:

“All students ...

Biology Core (15 credit hours): Biology 2060, 2250, 2600, 2900, plus one of Biology 3401, 3402, or 4404.”

On page 502 of the 2022-2023 University Calendar under section 11.2.4.1 Honours in Biology amend Clause 1 to read as follows:

**“1. Biology Course Requirements:**

Students seeking ...

- a. Biology 1001 and 1002 or their equivalents;
- b. 15 credit hours in the following core courses:

Biology 2060, 2250, 2600, 2900, plus one of Biology 3401, 3402, or 4404;”

57.8 On page 547 of the 2022-2023 University Calendar under section 13.8 Mathematics and Statistics amend Math 1001 as follows:

“**MATH 1001 Calculus II** is an introduction to integral calculus, including Riemann sums and the Fundamental Theorem of Calculus, techniques of integration, improper integrals and first order differential equations. Applications include: areas between curves, volumes of solids of revolution probability functions and modelling with differential equations.

PR: MATH 1000 or the former MATH 1081”

On page 224 of the 2022-2023 University Calendar under section 13.21 Mathematics and Statistics, amend the following:

“**MATH 1001 Calculus II** is an introduction to integral calculus, including Riemann sums and the Fundamental Theorem of Calculus, techniques of integration, improper integrals and first order differential equations. Applications include: area between curves, volumes of solids of revolution, probability functions and modelling with differential equations.

LH: 1.5

PR: MATH 1000 or the former MATH 1081”

- 57.9 On page of the 2022-2023 University Calendar under section 13.8 Mathematics and Statistics amend course Math 4133 as follows:

“**4133 Numerical Optimization** is numerical methods for functions of one variable, for functions of several variables including unrestricted search, sequential uniform search, irregular search, non-gradient methods, gradient methods with and without constraints, geometric programming, selection of other topics from dynamic programming, integer programming, etc., solution of applied problems by numerical optimization.

PR: MATH 3132”

- 57.10 On page of the 2022-2023 University Calendar under section 13.8 Mathematics and Statistics amend the following:

“**MATH 4180 Introduction to Fluid Dynamics** (same as Physics 4205) covers basic observations, mass conservation, vorticity, stress, hydrostatics, rate of strain, momentum conservation (Navier-Stokes equation), simple viscous and inviscid flows, Reynolds number, boundary layers, Bernoulli's and Kelvin's theorems, potential flows, water waves, thermodynamics.

CR: Physics 4205, ONAE 4020

PR: MATH 2260 (or the former MATH 3260) and 3202”

58. Department of English

- 58.1 On page 360 of the 2022-2023 University Calendar under section 16.7 English delete the following list of courses in its entirety:

Engl 3001 Satire

Engl 3100 The Poem Close up

Engl 3172 Irish Poetry

Engl 3190 Scottish Literature

Engl 3911 Writing Satire

Engl 3920 Reviewing

Engl 4000 English Literature and History of Ideas I

Engl 4001 English Literature and History of Ideas II

Engl 4403 Etymology History of English Words

Engl 4914 Advanced Editing”

On page of the 2022-2023 University Calendar under section 15.6.5 Courses to Fulfill Requirements for the Minor, Major, and Honours Programs in English amend Table 1 in Pre-19<sup>th</sup> Century as follows:

Level	Canadian Literature	American Literature	Pre-19th Century	19th Century	20th and 21st Century
<b>2000-Level</b>	...	...		...	...
<b>3000-Level</b>	...	...	the former 3001, 3002, 3006, 3021,3022, 3130, the former 3190, 3600, 3710, 3715,3819, 3828	3152, 3160, 3161, the former 3172, 3175, the former 3190, 3710, 3711, 3819,3830	3009, the former 3100, 3152, 3153 3155, 3156,3157, 3158, 3160, 3161 the former 3172, 3175, the former 3190, 3260, 3265 3711,3713,3714, 3811, 3819, 3820 3830,3843, 3844, 3848
<b>4000-Level</b>	...	...	the former 4000, 4010, 4030 4040,4041, 4050, 4051, 4210,4211, 4271, 4500, the former 4501, 4600, 4601	the former 4001 4050, 4051, 060,4061, 4070, the former 4251, the former 4260, 4271, 4300 the former 4805, 4817, 4821 4851	the former 4001, 4070, 4071, 4080, 4101, the former 4261, the former 4270, 4272, 4300, 4301, 4302,4810, 4817, 4819,4821, 4822, 4843, 4844, 4850

On page of the 2022-2023 University Calendar under section 7.10.4 Regulations for the Diploma in Stage and Screen Technique amend Clause 3 to read as follows:

“3. 3 credit hours in a Creative Writing course chosen from English 3902, English 3912, English 3913 or Communication Studies 3913, the former English 3920, English 4912 or a Podcasting course; and...”

58.2 On page 364 of the 2022-2023 University Calendar under section 16.7 English amend course title and description to read as follows:

“**ENGL 4843 Comics and Autobiography** (same as Communication Studies 4843) examines a broad spectrum of autobiographical comics taking into account theoretical developments in both comics’ studies and autobiographical studies.

CR: ENGL 3841 and CMST 4843”

On page 365 of the 2022-2023 University Calendar under section 16.7.1 Communication Studies add new course as follows:

“**CMST 4843 Comics and Autobiography** (same as English 4843) examines a broad spectrum of autobiographical comics taking into account theoretical developments in both comics’ studies and autobiographical studies.

CR: ENGL 3841 and ENGL 4843”

On page of the 2022-2023 University Calendar under section 15.6.6.5 Course List amend Table 1 as follows:

“Not all ...

**Table 1 Core Faculty of Humanities and Social Sciences Courses Approved for the Major and Minor in Communication Studies**

1000 and 2000 Level Courses	3000 Level Courses	4000 Level Courses
<ul style="list-style-type: none"> <li>• ...</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• ...</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• CMST 4000, 4001, 4002, 4010-4020, 4402 or the former English 4402, 4700, 4843 or English 4843, 4844 or English 4844</li> <li>• Sociology 4107</li> </ul>

”

58.3 On page 360 of the 2022-2023 University Calendar under section 16.7 English amend course title as follows:

“**ENGL 4844 Comics and Medicine** (same as Communication Studies 4844) examines a broad spectrum of graphic illness narratives across various media taking into account theoretical developments in comics studies, autobiographical studies, and graphic medicine.

CR: Communication Studies 4844”

On page 365 of the 2022-2023 University Calendar under section 16.7.1 Communication Studies amend course title to read as follows:

“**CMST 4844 Comics and Medicine** (same as English 4844) examines a broad spectrum of graphic illness narratives across various media taking into account theoretical developments in comics studies, autobiographical studies, and graphic medicine.

CR: English 4844”

58.4 On page of the 2022-2023 University Calendar under section 16.7 English amend course as follows:

“**4050 Topics in British Romanticism** is an advanced seminar that studies late eighteenth- and early nineteenth-century texts in their environmental, social, political, and cultural contexts.

PR: 3 credit hours in English at the 3000 level”

Delete in its entirety English “4051 British Romanticism II”

On page of the 2022-2023 University Calendar under section 15.6.5 Courses to Fulfill Requirements for the Minor, Major, and Honours Programs in English amend Table 1 as follows:

“

Level	Canadian Literature	American Literature	Pre-19th Century	19th Century	20th and 21st Century
2000-Level	...	...	...	...	...
3000-Level	...	...	...	...	...
4000-Level	...	...	4000, 4010, 4030, 4040, 4041, 4050, the former 4051, 4210, 42114 271, 4500, the former 4501, 4600, 4601	4001, 4050, the former 4051, 4060, 4061, 4070, the former 4251, the former 4260, 4271, 4300, the former 4805, 4817, 4821, 4851	...

”

58.5 On page 365 of the 2022-2023 University Calendar under section 16.7.1 Communication Studies add the following new course:

“**Communication Studies 3002: AI and Society** explores the past, present, and future of artificial intelligence to understand its impact on society. The course will examine AI and the controversies that surround its use in relation to communication, media production, politics, labour, and surveillance.

PR: CMST 2000 and 2001, or permission of the instructor.”

On page of the 2022-2023 University Calendar under section 15.6.6.4 Regulations for the Minor in Communication Studies amend as follows:

“Students who choose to complete a Minor in Communication Studies must complete at least 24 credit hours in Communication Studies as follows:

1. CMST 2000; 2001; 3000; 4000;
2. 3 credit hours chosen from: CMST 2100, 2813, 3001, 3002, 3010-3020, 3816, 3913, 4001, 4002, 4003, 4010-4020, 4402, 4700, and
3. An additional 9 credit hours in courses from Table 1 Core Faculty of Humanities and Social Sciences Courses Approved for the Major and Minor in Communication Studies.

4. Of the 24 credit hours listed for the minor above, a minimum of 9 credit hours must be at the 3000 level or above.
5. Students should normally enroll in the Communication Studies (CMST) section of any applicable cross-listed courses.”

Under section 15.6.6.5 Course List amend as follows:

“Not all ...

**Table 1 Core Faculty of Humanities and Social Sciences Courses Approved for the Major and Minor in Communication Studies**

1000 and 2000 Level Courses	3000 Level Courses	4000 Level Courses
...	Anthropology 3630 or Sociology 3630 CMST 3000, 3001, 3002 CMST 3010-3020 CMST 3816 or the former English 3816 CMST 3913 or English 3913 English 3843, 3912 Folklore 3612, 3930 Political Science 3350, 3860	...

”

59. School of Arts and Social Science

59.1 On page 228 of the 2022-2023 University Calendar under section 13.25.2 Contemporary Issues Courses amend course to read as follows:

“3626 **Psychopathology** explores mental illness, clinical assessment, classification, and diagnosis. The core theoretical perspectives on psychological disorders are examined. For each disorder the diagnostic criteria, etiology, treatment, and prognosis will be presented. This course enhances the ability to think critically about issues pertaining to mental health and illness.

CR: Psychology 3640, Psychology 3650, and the former Psychology 3600 PR: Psychology 2625 and Psychology 2925”

59.2 On page 231 of the 2022-2023 University Calendar under section 13.28 Social/Cultural Studies amend course as follows:

“**2244 The Graphic Novel - Historical, Cultural and Literary Contexts** (same as English 2244) examines the historical, cultural and literary impact of the Graphic Novel; investigates its continuing development; and introduces students to significant works within the genre.

CR: English 3843, English 2244  
PR: 6 credit hours in English at the 1000 level”

On page 215 of the 2022-2023 University Calendar under section 13.10 English under 13.10.4 Post-1900 Courses amend as follows:

**“2244 The Graphic Novel - Historical, Cultural and Literary Contexts**

(same as Social/Cultural Studies 2244) examines the historical, cultural and literary impact of the Graphic Novel; investigates its continuing development; and introduces students to significant works within the genre.

CR: English 3843, English 2244  
PR: 6 credit hours in English at the 1000 level”

60. Faculty of Business Administration

60.1 On page 68 of the 2022-2023 University Calendar under section 11 Course Descriptions amend courses as follows:

**“2011 Business Writing**

introduces students to effective business writing and provides a foundation in individual writing skills. Through individual written assignments and with extensive instructor feedback, students will learn about the distinctive elements of business writing.

Students will develop awareness of language and tone and will learn how to research, reference, organize, and convey information and ideas to produce professional-quality business documents.

CR: the former BUSI 2010  
PR: BUSI 1000, 6 credit hours in English of which 3 credit hours may be replaced by any Memorial University of Newfoundland Critical Reading and Writing (CRW) course”

**“2012 Business Professionalism ...**

PR: BUSI 1000, BUSI 2011”

**“5001 Strategic Management ...**

PR: BUSI 2012, BUSI 2112 or the former BUSI 2101, BUSI 2205 or the former BUSI 2210, BUSI 2600 or the former BUSI 1600, BUSI 3310, BUSI 3325 or the former BUSI 4320, BUSI 3335 or the former BUSI 4330, BUSI 3401, BUSI 3550 or the former BUSI 4500, BUSI 3700, BUSI 4306 or the former BUSI 5302, BUSI 4720”

On page 54 of the 2022-2023 University Calendar under section 4.3 Business One amend bullet two to read as follows:

- “Business One... Mathematics 1000 or Mathematics 1005, and 12 additional credit hours in non-BUSI electives. Critical Reading and Writing (CRW) courses are regulated by the Faculty of Humanities and Social Sciences and are indicated under Faculty of Humanities and Social Sciences.

- o Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.”

On page 56 of section 5.2.1.1 Business One, amend Clause one to read as follows:

“1. To be admitted ... Mathematics 1000,1005, 1090 or 109A/B. Business One normally begins in the Fall semester commencing in September.”

On page 56 of section 5.3.1.1 Business One, amend Clause one to read as follows:

“1. Applicants may ... Mathematics 1000, 1005, 1090 or 109A/B. Business One normally begins in the Fall semester commencing in September.

On page 60 of section 6.1 Bachelor of Commerce amend Table 1 Suggested Program of Study for the Bachelor of Commerce and Table 2 Program of Study for Bachelor of Commerce (Co-operative) and NOTE 1 as follows:

“Table 1 Suggested Program of Study for the Bachelor of Commerce”

Term	Required Courses	Electives
<b>Business One (30 credit hours completed prior to admission into the Bachelor of Commerce)</b>	BUSI 1000 Economics 1010, Economics 1020 6 credit hours in English, 3 credit hours of which may be replaced by any <u>Memorial University of Newfoundland Critical Reading and Writing (CRW)</u> course Mathematics 1000 or Mathematics 1005 (see note 1)	12 additional credit hours in <u>non-BUSI electives</u>
Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.		

“Table 2 Program of Study for the Bachelor of Commerce (Co-operative)”

Term	Required Core Courses	Required Electives
<b>Business One (30 credit hours completed prior to admission)</b>	BUSI 1000 Economics 1010, Economics 1020 6 credit hours in English, 3 credit hours of which may be replaced by any <u>Memorial University of Newfoundland Critical Reading and Writing (CRW)</u> course Mathematics 1000 or Mathematics 1005 (see note 1)	12 additional credit hours in <u>non-BUSI electives</u>
Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics		



1005.

On page 62 under section 6.4 Diploma in Business Administration amend Table 4 Program of Study for the Diploma in Business Administration as follows:

“Table 4 Program of Study for the Diploma in Business Administration”

30 Credit Hours Required Prior to Admission	30 Credit Hours Required After Admission
BUSI ...  6 credit hours ...	...  3 credit ... or Mathematics 1005 (see note 1) Statistics 2500 or equivalent 3 credit hours in <b>non-BUSI electives</b> . Non-Business electives can chosen from any discipline except Business.
Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.	

On page 63 under section 6.5.1.2 Bachelor of Arts amend Clause 4b to read as follows:  
“4...

- b. the 6 credit hours for the Quantitative Reasoning (QR) requirement for the Bachelor of Arts are satisfied by Mathematics 1000 (or Mathematics 1005) and Statistics 2500;”

On page under section 6.5.2 Bachelor of Commerce (Co-Operative) Completed Jointly with the Bachelor of Arts amend Table 5 BUSINESS ONE (30 CREDIT HOURS COMPLETED PRIOR TO ADMISSION) and NOTE 1 as follows:

“Table 5 Bachelor of Commerce (Co-operative) Completed Jointly with the Bachelor of Arts”

Term	Required Courses	Electives
<b>Business One (30 credit hours completed prior to admission)</b>	BUSI 1000, Economics 1010, Economics 1020 6 credit hours in English, 3 credit hours of which may be replaced by any <b>Memorial University of Newfoundland Critical Reading and Writing (CRW)</b> course Mathematics 1000 or Mathematics 1005 (see note 1)	...
Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.		

On page 65 of the 2022-2023 University Calendar under section 6.6 Joint Degrees of Bachelor of Commerce and Bachelor of Music, amend Table 6 (BUSINESS ONE (30 CREDIT HOURS) and NOTE 1 as follows:

“Table 6 Program of Study for the Bachelor of Commerce Component of the Joint Degrees of Bachelor of Commerce and Bachelor of Music”

<b>Business One Requirements for the Bachelor of Commerce Component</b>	<b>Required Courses for the Bachelor of Commerce Component</b>	<b>Bachelor of Music Major Component</b>
<p><b>Business One (30 credit hours).</b> Students completing the Joint Degrees of Bachelor of Commerce and Bachelor of Music must have an average of at least 65% on the 30 credit hours that comprise Business One at the time they complete those 30 credit hours.</p>	<p><b>Required Business One Courses</b> BUSI 1000, Economics 1010, Economics 1020 6 credit hours in English, 3 credit hours of which may be replaced by any Memorial University of Newfoundland Critical Reading and Writing (CRW) course Mathematics 1000 or Mathematics 1005 (see note 1) ... 12 additional credit hours as determined by the Music Major</p> <p><b>Required Business and Other Courses</b> BUSI 200W, 400W, 500W, 2011, 2012, 2111, 2112, 2205, 2600, 2720, 3005, 3210, 3310, 3325, 3335, 3401, 3550, 3700, 4306, 4720, 5002, Statistics 2500</p>	<p>...</p>
<p>Careful ... Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.</p>		

On page 68 of the 2022-2023 University Calendar under section 11 Course Descriptions amend the following courses:

“**2400 Decision Modeling** ...

PR: Mathematics 1000 or Mathematics 1005”

“**4720 Business Analytics** ...

PR: BUSI 2720, Mathematics 1000 or Mathematics 1005, Statistics 2500”

On page 430 of the 2022-2023 University Calendar under section 6.13.1.1 Joint Degrees of Music with a Major in General Musical Studies and Bachelor of Commerce, Table 1

amend FALL ACADEMIC TERM 1 and NOTES as follows:

“

Fall Academic Term 1	Business 1000 Mathematics 1090 or 1000 or 1005 [see note 1 below] MUS 140A, 1005, 1107, 1117, 1700 1 credit hour chosen to meet <b>Ensemble II</b> credit requirements outlined in clause 1.a. of <b>The Curriculum</b>
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**Notes:**

1. *Students ... (or Mathematics 1005) should complete Mathematics 1090 in Term 1, Mathematics 1000 (or Mathematics 1005) in place of Economics 1010 in Term 2, and Economics 1010 in Term 4*
  - a) *Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005...*

Amend Table 2 Joint Degrees of Bachelor of Music with a Major in Composition and Bachelor of Commerce, FALL ACADEMIC TERM 1 and NOTES as follows:

“

Fall Academic Term 1	Business 1000 Mathematics 1090 or 1000 or 1005 [see note 1 below] MUS 140A, 1005, 1107, 1117, 1700 1 credit hour chosen to meet <b>Ensemble II</b> credit requirements outlined in clause 1.a. of <b>The Curriculum</b>
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**Notes:**

1. *Students ... (or Mathematics 1005) should complete Mathematics 1090 in Term 1, Mathematics 1000 (or Mathematics 1005) in place of Economics 1010 in Term 2, and Economics 1010 in Term 4.*
  - a) *Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005...*

Amend Table 3 Joint Degrees of Bachelor of Music with a Major in Performance and Bachelor of Commerce, FALL ACADEMIC TERM 1 and NOTES as follows:

“

Fall Academic Term 1	Business 1000 Mathematics 1090 or 1000 or 1005 [see note 1 below] MUS 140A, 1005, 1107, 1117, 1700 1 credit hour chosen to meet <b>Ensemble II</b> credit requirements outlined in clause 1.a. of <b>The Curriculum</b>
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**Notes:**

1. *Students ... (or Mathematics 1005) should complete Mathematics 1090 in Term 1, Mathematics 1000 (or Mathematics 1005) in place of Economics 1010 in Term 2, and Economics 1010 in Term 4.*
  - a) *Mathematics 1005 is a calculus course intended for business students and is not*

*intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.”*

On page 275 of the 2022-2023 University Calendar under section 6.7.1.1 Bachelor of Arts amend Clause 4 b. to read as follows:

“b. the 6 credit hours for the Quantitative Reasoning (QR) requirement for the Bachelor of Arts are satisfied by Mathematics 1000 or Mathematics 1005 and Statistics 2500;

- i. Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.”*

On page 276 of the 2022-2023 of the 2022-2023 University Calendar under section 6.7.2 Bachelor of Arts Completed Jointly with the Bachelor of Commerce (Co-operative) amend Table 1 Joint Degrees of Bachelor of Arts and Bachelor of Commerce (Co-operative) BUSINESS ONE (30 CREDIT HOURS COMPLETED PRIOR TO ADMISSION) and NOTE 1 as follows:

<b>Term</b>	<b>Required Courses</b>	<b>Electives</b>
<b>Business One (30 credit hours completed prior to admission)</b>	Business 1000, Economics 1010, Economics 1020 6 credit hours in English, 3 credit hours of which may be replaced by any Memorial University of Newfoundland Critical Reading and Writing (CRW) course Mathematics 1000 or Mathematics 1005 (see Note 1)	12 ...

Note 1: Mathematics 1005 is a calculus course intended for business students and is not intended for those planning on taking further calculus courses. Business students who plan to take further calculus courses should complete Mathematics 1000 instead of Mathematics 1005.”

61. Marine Institute

61.1 On page 151 of the 2022-2023 University Calendar under section 6.2.1 Engineering Technology and Applied Science Major under Table 4 Bachelor of Technology– Engineering Technology and Applied Science Major amend to read as follows:

“

<b>Required Courses</b>	<b>Group A Electives</b>	<b>Group B Electives</b>
<ul style="list-style-type: none"> <li>• 3 credit hours in a Critical Reading and Writing (CRW) course ...</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Economics 1010 or the former 2010</li> <li>• Economics 1020 or the former 2020</li> </ul>

		<ul style="list-style-type: none"> <li>• Economics 3080</li> <li>• LEAD 3000</li> <li>• LEAD 3006</li> <li>• ...</li> </ul>
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”

Amend Table 5 Bachelor of Technology- Health Science Technology Major to read as follows:

“

Required Courses	Group A Electives	Group B Electives	Group C Electives
<ul style="list-style-type: none"> <li>• 3 credit hours in a Critical Reading and Writing (CRW) course</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Economics 1010 or the former 2010</li> <li>• Economics 1020 or the former 2020</li> <li>• Economics 3080</li> <li>• LEAD 3000</li> <li>• LEAD 3006</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• ...</li> </ul>

”

61.2 On page 150 of the 2022-2023 University Calendar under section 6.1.1 Maritime Management Major amend bullet 6 to read as follows:

- “A student must take 39 credit hours with 24 credit hours from the required courses and 15 credit hours from the electives.”

Amend Table 2 Bachelor of Maritime Studies - Maritime Management Major to read as follows and deleting course MARI 4004 from GROUP B ELECTIVES:

“

Required Courses	Group A Electives	Group B Electives
<ul style="list-style-type: none"> <li>• MARI 1900 or 3 credit hours in a Critical Reading and Writing (CRW) course</li> <li>• MARI 4001</li> <li>• MARI 4002</li> <li>• MARI 4004</li> <li>• ...</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• ...</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Business 2102 or 2111...</li> <li>• Business 3005</li> <li>• Economics 1010 or the former 2010</li> <li>• Economics 1020 or the former 2020</li> <li>• Geography 3510</li> <li>• Philosophy 2330 or the former 2571</li> <li>• Sociology 2120</li> <li>• TECH 4019</li> <li>• TECH 4020</li> <li>• TECH 4030</li> <li>• TECH 4040</li> <li>• TECH 4050</li> </ul>

”

Amend Table 3 Bachelor of Maritime Studies – Safety Management Major as follows:

“

Required Courses
<ul style="list-style-type: none"><li>• MARI 1900 or 3 credit hours in a Critical Reading and Writing (CRW) course</li><li>• MARI 4004</li><li>• MARI 4101</li><li>• MARI 4103</li><li>• MARI 4104</li><li>• MARI 4107</li><li>• MARI 4109</li><li>• MARI 4110</li><li>• MARI 4111</li></ul>

”

On page 153 of the 2022-2023 University Calendar under section 11.2 Maritime Studies amend the courses to read as follows:

**“4008 Introduction to the Offshore Energy Sector** (same as the former MSTM 4008) ...provides students with an understanding of the basic concepts of the energy sector from a marine perspective. This course will cover the energy supply chain and industry structure from upstream to downstream.

CR: the former MSTM 4008”

**“4107 Communications and Conflict Management...** Many concepts are specifically applied to safety management to demonstrate the need for effective conflict resolution skills in the maritime sector.

CR: LEAD 4003, TECH 4120”

On page 152 of the 2022-2023 University Calendar under section 11.1 Leadership amend the course to read as follows:

**“LEAD 4003 Communications and Conflict Management** (same as TECH 4120) provides participants with an understanding of the basic principles of conflict resolution, negotiation, and effective communication and interpersonal skills to investigate and solve problems and manage conflicts within the workplace.

CR: MARI 4107, TECH 4120”

On page 154 under section 11.3 Technology amend the course to read as follows:

**“TECH 4120 Conflict Management and Communication Strategies** (same as LEAD 4003) ...

CR: LEAD 4003, MARI 4107”

62. Faculty of Medicine

62.1 On page 412 of the 2022-2023 University Calendar under section 10 Regulations for the Degree of Doctor of Medicine amend as follows:

1. “Applications to the Doctor of Medicine (M.D.) degree are submitted to the Admissions Office of the Faculty of Medicine via an online application system on or before the

application deadline. The deadline date is located in [Important Dates on the Faculty of Medicine website](#).

2. The Interview Committee reviews applications after the application deadline and only those applications that are complete. The Interview Committee, a sub-committee of the Admissions Committee, evaluates, corroborates, and determines those applicants invited to interview.

The Admissions Committee reviews applications after interviews are complete and has the delegated authority of the Faculty Council to admit or reject applicants following guidelines and procedures approved by that Council.

3. Entry to medical school depends on competition for a fixed number of places. The Admissions Committee considers an applicant's academic background; performance on required standardized tests; information regarding an applicant's personal characteristics and achievements (as described by the applicant); the applicant's references; and personal interviews in deciding which applicants receive offers of admission.

The final residency status of each Newfoundland and Labrador applicant on the date of application deadline is decided by guidelines established by the Admissions Committee and approved by Faculty Council. [Residency definitions](#) for each competitive pool are on the [Admissions webpage](#). The residency status of each applicant at the time of application applies throughout the admissions process and during the period of undergraduate medical education. Preference for admittance is given to **bona fide** residents of Newfoundland and Labrador and Indigenous applicants of the province, who wholly fulfill the definition of a Newfoundland and Labrador resident. Further information for Indigenous applicants is available at [Indigenous Applicants on the Faculty of Medicine website](#).

4. The Admissions Committee's decision to admit or reject an applicant depends on the competition for entry in the year of application. The Committee also evaluates the application with respect to the likelihood of success in the academic and professional studies leading to the award of the Doctor of Medicine degree and in the future practice of medicine.
5. To be eligible for admission, an applicant shall have completed a Bachelor's degree at a recognized university or university-college before admission, and all standardized tests, including credential evaluations where required, as described on the [Admissions webpage](#).

All applicants must complete the standardized tests by the dates specified in the [Important Dates section](#) on the [Admissions webpage](#) of the Faculty of Medicine. Requirements for all standardized tests can be found on the [Admissions webpage](#).

6. Applicants must be aware of the [Essential Skills and Abilities Required for the Study of Medicine guidelines](#), which outline the crucial characteristics needed to succeed in the Doctor of Medicine degree. The guidelines include Technical Standards for learners in the degree as well as information for applicants with disabilities. This information is available at [Application Preparation on the Faculty of Medicine website](#).

7. Each applicant is responsible for ensuring that all the required documents for application, as stated on the [Admissions webpage](#), are submitted by published deadlines. An application is not complete without meeting these requirements; incomplete applications are closed.

Applicants who are invited for an interview and do not attend are not eligible for further consideration and their application is closed.

8. Official notification to applicants of the Committee's decisions is via letter, sent by email, signed by or on behalf of, the Chair of the Admissions Committee. No other form of notification is provided.

Letters of acceptance allow seven (7) days for confirmation. Applicants accepting a seat in the medical school must return all paperwork with the offer to [munmed@mun.ca](mailto:munmed@mun.ca) in addition to a deposit, which is credited towards tuition fees upon registration. Should the applicant subsequently decline, the deposit is forfeited. If confirmation is not received within the timeframe specified, the offer expires and subsequently goes to the next applicant on the reserve list. In such instances, the Admissions Office will notify applicants officially.

Applicants offered a place on the reserve list must confirm or decline the offer in writing within three (3) days of official notification by returning their completed documents to the Admissions Office via [munmed@mun.ca](mailto:munmed@mun.ca). If confirmation is not received within three (3) days, the applicant's rank position on the reserve list expires and they move to the bottom of the reserve list. Should a seat then become available, it is offered to the next person on the reserve list who has completed and returned the documents as required.

9. The Admissions Committee, at its discretion, may grant deferral of admission to a maximum of four (4) successful applicants per cycle. Deferrals are considered on a first-come, first-serve basis; the deadline to request a deferral is six (6) weeks before the first day of classes. All deferral requests are evaluated and decided by the Admissions Committee by mid-June.
10. Unsuccessful applicants who wish to reapply for admission are required to submit a new, complete application, including all required documents and exam scores. An unsuccessful applicant can meet with the Assistant Dean for Admissions or the Admissions Officer to discuss reapplying prior to the end of the application cycle. The last day of the application cycle is the day prior to the online application system opening for access to prospective applicants.
11. An unsuccessful applicant has the right to appeal against the decision of the Admissions Committee not to make an offer of admission. The appeal must be made in writing within seven (7) days of the notification of the decision and should be directed to the Dean of Medicine. The letter should state clearly and fully the grounds for the appeal. If the Dean of Medicine, in consultation with the Registrar, judges the grounds to be sufficient, the formal appeals mechanism will be initiated."

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

- 63.1 On page 703 of the 2022-2023 University Calendar under section 37 Master of Science in Maritime Studies add the following new program as follows:



### **“37 Regulations Governing the Degree of Master of Science in Maritime Studies**

- [www.mun.ca/sgs/contacts/sgscontacts.php](http://www.mun.ca/sgs/contacts/sgscontacts.php)
- [www.mi.mun.ca](http://www.mi.mun.ca)
- [www.mun.ca/become/graduate/apply/app\\_deadlines.php](http://www.mun.ca/become/graduate/apply/app_deadlines.php)

The degree of Master of Science in Maritime Studies is a research-focused Master’s degree offered by the School of Maritime Studies, at the Fisheries and Marine Institute. The degree of Master of Science in Maritime Studies is offered, at present, in (1) Safety: The Human Element and (2) Public Safety.

An Academic Advisory Committee will be appointed by the Dean of Graduate Studies on the recommendation of the Vice-President (Marine Institute). This Committee will consist of an 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 years.

Every student in graduate studies shall comply with the **General Regulations**, the Degree Regulations, and all additional requirements of the appropriate academic unit.

#### **37.1 Maritime Studies (Safety: The Human Element)**

The degree of Master of Science in Maritime Studies (Safety: The Human Element) is a research-focused Master’s degree offered by the School of Maritime Studies, at the Fisheries and Marine Institute. This program is for students who aim to pursue a career in maritime studies, and includes skills training that will empower students to conduct publication-quality research in areas of safety and survival. The degree is normally offered to full-time students.

These regulations must be read in conjunction with the **General Regulations** of the School of Graduate Studies of Memorial University of Newfoundland.

##### **37.1.1 Qualifications for Admission**

1. Admission is limited and competitive. To be considered for admission an applicant will normally hold at least a high second-class Honours Degree (from areas such as, but not limited to, emergency management, engineering, kinesiology, maritime studies, occupational therapy, physiotherapy, psychology), or an M.D. Degree, or the equivalent of either, both in achievement and depth of study, from an institution recognized by the Senate.
2. The applicant demonstrates a commitment and passion for safety and survival. Experience in research programs, marine-based industries (e.g., fisheries, oil and gas), marine transport, firefighting, search and rescue, regulatory agencies or government departments, non-governmental organizations, consulting activities, or other relevant activities is considered an asset.

3. Any applicant who does not hold a high second-class Honours Degree or an M.D. Degree may be considered for admission provided that:
  - a. the applicant's undergraduate record after the first year shows an average of at least Grade 'B' in courses in the proposed field of specialization; and
  - b. the applicant's overall undergraduate record after the first year shows an average of at least Grade 'B' in all courses taken.
4. Admission requirements related to English proficiency follows and are described under General Regulations, English Proficiency Requirements of the School of Graduate Studies.

### **37.1.2 Program of Study and Research**

1. Every student in the Master of Science in Maritime Studies (Safety: The Human Element) program shall be required to complete all of:
  - a. 12 credit hours of core course work, including MARI 6000, MARI 6001, MARI 6002, and MARI 6003;
  - b. 3 credit hours of course work relevant to the student's research area and chosen in consultation with the supervisor; and
  - c. a thesis composed of at least one manuscript of original research.
2. Students may be required by their Supervisory Committee to take additional courses.
3. All program course requirements should be completed within four semesters from the date of first registration in the M.Sc. degree program. Students will normally complete course requirements in their first three semesters.
4. Within three months of the first registration in the M.Sc. degree program, the student will meet with their Supervisory Committee. A meeting report, signed by all members of the Supervisory Committee and student, must be given to the Academic Unit. A copy will be sent to the graduate student and to the Dean of Graduate Studies. Subsequent meetings must occur at least annually, with a report filed after each meeting.
5. The student shall complete a written thesis proposal that is approved by the Supervisor and Supervisory Committee and normally submitted within twelve months of the first registration in the M.Sc. degree program. The proposal shall be provided to the Head for inclusion in the student's file.
6. The student must present a thesis seminar of 20-30 minutes duration prior to submission of the thesis to the School of Graduate Studies.
7. Theses shall conform to **General Regulation Theses and Reports** of the School of Graduate Studies.

### **37.1.3 Evaluation**

1. In order to continue in the School of Graduate Studies and in order to qualify for a Master's degree, a student shall obtain an 'A' or 'B' grade in each program course as indicated under **General Regulation, Evaluation, Evaluation of Graduate Students** of the School of Graduate Studies.
2. The Supervisor and the Supervisory Committee may recommend that a student be required to withdraw from the program, if after consultation with the student, it is determined that the student is not making satisfactory progress towards completion of the program and the unsatisfactory progress is unlikely to be corrected.

#### **37.1.4 Thesis**

Theses shall conform to **General Regulation Theses and Reports** of the School of Graduate Studies.

#### **37.1.5 Courses**

MARI 6000 Introduction to Maritime Safety and Survival Research

MARI 6001 Statistics and Research Design for Maritime Studies

MARI 6002 Science Communication for Maritime Studies (*may be offered in accelerated format*)

MARI 6003 Human Factors in Safety and Survival (*may be offered in accelerated format*)

MARI 6004 Special Topics in Safety and Survival (Learning) (*prerequisite: MARI 6000*)

MARI 6005 Special Topics in Safety and Survival (Human Behavior) (*prerequisite: MARI 6000*)

MARI 6006 Special Topics in Safety and Survival (Engineering Technology) (*prerequisite: MARI 6000*)

#### **37.2 Maritime Studies (Public Safety)**

The degree of Master of Science in Maritime Studies (Public Safety) is a research-focused Master's degree offered by the School of Maritime Studies, at the Fisheries and Marine Institute. This program is for students who aim to pursue a career in public safety, and includes skills training that will empower students to conduct publication-quality research in areas of safety and survival. The degree is normally offered to full-time students.

These regulations must be read in conjunction with the **General Regulations** of the School of Graduate Studies of Memorial University of Newfoundland.

##### **37.2.1 Qualifications for Admission**

1. Admission is limited and competitive. To be considered for admission an applicant will normally hold at least a high second-class Honours Degree (from areas such as, but not limited to, criminology or criminal justice, emergency management, engineering, kinesiology, maritime studies, occupational therapy, physiotherapy, psychology or sociology), or an M.D. Degree, or the equivalent of either, both in achievement and depth of study, from an institution recognized by the Senate.
2. The applicant demonstrates a commitment and passion for safety – personal, institutional, and public. Experience in research programs, marine based industries (e.g., fisheries, oil and gas), marine transport, firefighting, search and rescue, coast guard, policing, correctional services, paramedics, intelligence, public safety communications, regulatory agencies or government departments, non-governmental organizations, consulting activities, or other relevant activities is considered an asset.
3. Up to two seats per year are reserved for applicants of Indigenous ancestry who have met the admission requirements but are not in the top ranked candidates. Applicants wishing to be considered under this Clause must check the appropriate space provided on the application form and provide documentation of Indigenous ancestry.

4. Any applicant who does not hold a high second-class Honours Degree or an M.D. Degree may be considered for admission provided that:
  - a. the applicant's undergraduate record after the first year shows an average of at least Grade 'B' in courses in the proposed field of specialization; and
  - b. the applicant's overall undergraduate record after the first year shows an average of at least Grade 'B' in all courses taken.
5. Admission requirements related to English proficiency follows and are described under **General Regulations, English Proficiency Requirements** of the School of Graduate Studies.

### 37.2.2 Program of Study and Research

1. Every student in the Master of Science in Maritime Studies (Public Safety) program shall be required to complete all of:
  - a. 12 credit hours of core course work, including MARI 6000, MARI 6002, MARI 6003 and MARI 6008;
  - b. 3 credit hours of course work relevant to the student's research area and chosen in consultation with the supervisor; and
  - c. a thesis composed of at least one manuscript of original research.
2. Students may be required by their Supervisory Committee to take additional courses.
3. All program course requirements should be completed within four semesters from the date of first registration in the M.Sc. degree program. Students will normally complete course requirements in their first three semesters.
4. Within three months of the first registration in the M.Sc. degree program, the student will meet with their Supervisory Committee. A meeting report, signed by all members of the Supervisory Committee and student, must be given to the Academic Unit. A copy will be sent to the graduate student and to the Dean of Graduate Studies. Subsequent meetings must occur at least annually, with a report filed after each meeting.
5. The student shall complete a written thesis proposal that is approved by the Supervisor and Supervisory Committee and normally submitted within twelve months of the first registration in the M.Sc. degree program. The proposal shall be provided to the Head for inclusion in the student's file.
6. The student must present a thesis seminar of 20-30 minutes duration prior to submission of the thesis to the School of Graduate Studies.
7. Theses shall conform to **General Regulation Theses and Reports** of the School of Graduate Studies.

### 37.2.3 Evaluation

1. In order to continue in the School of Graduate Studies and in order to qualify for a Master's degree, a student shall obtain an 'A' or 'B' grade in each program course as indicated under **General Regulation, Evaluation, Evaluation of Graduate Students** of the School of Graduate Studies.
2. The Supervisor and the Supervisory Committee may recommend that a student be required to withdraw from the program, if after consultation with the student, it is determined that the student is not making satisfactory progress towards

completion of the program and the unsatisfactory progress is unlikely to be corrected.

#### **37.2.4 Thesis**

Theses shall conform to **General Regulation Theses and Reports** of the School of Graduate Studies.

#### **37.2.5 Courses**

- MARI 6000 Introduction to Maritime Safety and Survival Research
- MARI 6001 Statistics and Research Design for Maritime Studies
- MARI 6002 Science Communication for Maritime Studies (*may be offered in accelerated format*)
- MARI 6003 Human Factors in Safety and Survival (*may be offered in accelerated format*)
- MARI 6004 Special Topics in Safety and Survival (Learning) (*prerequisite: MARI 6000*)
- MARI 6005 Special Topics in Safety and Survival (Human Behavior) (*prerequisite: MARI 6000*)
- MARI 6006 Special Topics in Safety and Survival (Engineering Technology) (*prerequisite: MARI 6000*)
- MARI 6007 Qualitative Methods
- MARI 6008 Public Safety
- MARI 6009 Special Topics in Public Safety (*may be offered in accelerated format*) (*prerequisite: MARI 6000*)

#### **40.27 Maritime Studies**

- [www.mun.ca/sgs/contacts/sgscontacts.php](http://www.mun.ca/sgs/contacts/sgscontacts.php)
- [www.mi.mun.ca](http://www.mi.mun.ca)
- [www.mun.ca/become/graduate/apply/app\\_deadlines.php](http://www.mun.ca/become/graduate/apply/app_deadlines.php)

The Degree of Doctor of Philosophy is offered in Maritime Studies to full-time and part-time students. These regulations must be read in conjunction with the **General Regulations** of the School of Graduate Studies of Memorial University of Newfoundland.

An Academic Advisory Committee will be appointed by the Dean of Graduate Studies on the recommendation of the Vice-President (Marine Institute). This Committee will consist of an 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 years.

#### **40.27.1 Admission and Program of Study**

1. Admission into the Ph.D. program in Maritime Studies is normally restricted to applicants holding a Master's degree or its equivalent with relevant background and core knowledge in, but not limited to, criminology or criminal justice, emergency management, engineering, human kinetics, maritime studies, psychology or sociology. Applicants are normally expected to have a 'B' in all course work completed for the Master's degree. In exceptional circumstances, an applicant with a B.Sc. degree who has spent not less than 12 months in an M.Sc. degree program may be recommended

- for transfer into a Ph.D. program. For this transfer to be accepted, the applicant must demonstrate, to the satisfaction of the Supervisor and Supervisory Committee, their ability to pursue research at the doctoral level.
2. Up to two seats per year are reserved for applicants of Indigenous ancestry who have met the admission requirements but are not in the top ranked candidates. Applicants wishing to be considered under this Clause must check the appropriate space provided on the application form and provide documentation of Indigenous ancestry.
  3. In addition to completing a thesis, normally containing three or more papers of original research, students will be required to meet the M.Sc. core course requirements for either the Safety: The Human Element option (MARI 6000, 6001, 6002 and 6003) or the Public Safety option (MARI 6000, 6002, 6003 and 6008) either directly or via equivalent courses from their previous M.Sc. program, and complete, at minimum, two additional courses relevant to the program. Depending on the student's background, their Supervisor and Supervisory Committee may deem the student to be exempt from completing any or all of these courses.
  4. Within three months of the first registration in the Ph.D. degree program, the student will meet with their Supervisory Committee. It is the function of a Supervisory Committee to have regular meetings, at least annually, with its graduate student. A meeting report, signed by all members of the Supervisory Committee and student, must be given to the Academic Unit. A copy will be sent to the graduate student and to the Dean of Graduate Studies.
  5. At the first committee meeting, the Supervisory Committee shall discuss the student's program and will explore areas of weakness in the student's knowledge, especially where these relate to the intended areas of research. The Supervisory Committee may require the student to take additional courses.
  6. The student and the Supervisory Committee will agree on a written thesis proposal outlining the objectives, methods, timetable, and funding for the project, and provide the proposal (signed by the student and the supervisory Committee) to the Head for inclusion in the student's file. This proposal shall normally be submitted within 15 months of the first registration in the Ph.D. degree program and a minimum of three months prior to the Comprehensive Exam.
  7. The student will present a research seminar to the Academic Unit, normally by the end of the fourth semester following admission, to describe the research topic being investigated and the methodologies to be employed. This seminar provides an opportunity for the student to receive constructive input from the research community.
  8. Within the first eighteen months, students must successfully complete a Comprehensive Examination, following the **General Regulations, Comprehensive Examinations, Ph.D. and Psy.D. Comprehensive Examination**. The comprehensive examination will be an oral examination. Students should consult with the academic unit's guidelines for further information and a detailed description of the content of the Comprehensive Examination.
  9. Theses shall conform with **General Regulations, Theses and Reports** of the School of Graduate Studies. As part of these regulations, all Ph.D. candidates are required to participate in a formal oral defense of their work."

### **REGULAR AGENDA**

#### 64. **Report of the Senate Teaching and Learning Committee**

This report has been tabled and will be presented at the February 2023 Senate meeting.

65. Report of the Academic Unit Planning Committee

- 65.1 Senate received and reviewed the background information pertaining to the Academic Unit Planning Committee's Revisions of Procedures. Dr. Kendall presented on recent revisions the committee has implemented. The Academic Unit Planning Committee intends to keep the committee current while aiming to adopt a strategic approach. It was noted that this committee is reviewing the Interdisciplinary PhD. Program, which has been referred to the School of Graduate Studies for further review.

The motion was moved by Dr. Brett, seconded by Dr. Hodgkinson and carried that Senate approve the Revision of Procedures of the Academic Unit Planning Committee as outlined in the background information.

66. Other Business

- 66.1 Mr. Philpott provided Senate with a presentation entitled "Audit of Memorial University by the Office of the Auditor General". Mr. Philpott advised Senate that Memorial was notified in April of 2022 that the audit would review operations at MUN. The focus of the audit are Executive and Management operations, expenses and oversight and administrative functions. The review is being conducted from April 2018 to March 2022. The final report is expected to be delivered to Memorial by Fall of 2023.

67. Report of the Honorary Degrees and Ceremonial Committee

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

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

The names of three candidates recommended by the Committee on Honorary Degrees and Ceremonial were presented to the Senate for awarding of the title of Honorary Degree for eventual consideration by the Board of Regents. Members were given the opportunity to discuss the merits of each of the candidates before voting. Upon voting by an e-poll, each candidate was approved by at least a two-thirds majority vote.

68. Adjournment

Meeting adjourned at 5.02 pm with a motion from Dr. Sutherland.

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CHAIR

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SECRETARY

