The following proposals, received on DAP between the dates listed below have been approved.

DAP Submission Period: June 16-30, 2020   **DAP Approval Date:** July 16, 2020

For more information on the DAP process, see the Secretariat's website.

Approval Route: DAP

Faculty of Engineering

CHEMICAL AND BIOCHEMICAL ENGINEERING

Effective, September 1, 2020, the following change(s) be made: Program Revision.

F. CHEMICAL ENGINEERING AND BIOMEDICAL ENGINEERING

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Second Year Program
Applied Mathematics 2270A/B, Applied Mathematics 2277A/B, BME 3201A/B, CBE 2206A/B, CBE 2207A/B, CBE 2214A/B, CBE 2220A/B, CBE 2221A/B, CBE 2224A/B, CBE 2290A/B, CBE 2291A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program
Biology 1201A, Biology 1202B, Biology 1001A/B, Biology 1002A/B, CBE 3307A/B, CBE 3310A/B, CBE 3315A/B, CBE 3316A/B, CBE 3318A/B, CBE 3319A/B, CBE 3322A/B, CBE 3323A/B, CBE 3324A/B, CBE 3395Y, 0.5 non-technical elective.

Fourth Year Program
Biochemistry 2280A, BME 3301A/B, BME 3303A/B, ECE 4455A/B, MME 4469A/B, Physiology 2130, 1.5 Biomedical Sciences Electives, 1.0 Healthcare Non-technical Electives, 0.5 open elective.

Fifth Year Program
BME 4400, CBE 4421A/B, CBE 4497, Engineering Science 3330A/B, Engineering Science 4498F/G, 1.0 BME technical electives, 1.0 CBE technical electives.
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ELECTRICAL AND COMPUTER ENGINEERING

Effective, September 1, 2020, the following change(s) be made: Program Revision.

H. ELECTRICAL ENGINEERING AND BIOMEDICAL ENGINEERING

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Second Year Program
Applied Mathematics 2270A/B, Applied Mathematics 2276A/B, BME 3201A/B, Computer Science 1027A/B, ECE 2205A/B, ECE 2231A/B, ECE 2233A/B, ECE 2236A/B, ECE 2240A/B, ECE 2242A/B, ECE 2277A/B, Writing 2130F/G, 0.5 non-technical elective.

Third Year Program
Applied Mathematics 3415A/B, Biology 1201A, Biology 1202B, Biology 1001A/B, Biology 1002A/B, ECE 3330A/B, ECE 3331A/B, ECE 3332A/B, ECE 3336A/B, ECE 3337A/B, ECE 3370A/B, ECE 3375A/B, ECE 3399A/B, Statistical Sciences 2141A/B.

Fourth Year Program
Biochemistry 2280A, BME 3301A/B, BME 3303A/B, ECE 4455A/B, MME 4469A/B, Physiology 2130, 1.5 Biomedical Sciences Electives, 1.0 Healthcare Non-technical Electives, 0.5 open elective.

Fifth Year Program
BME 4400, ECE 4416, ECE 4429A/B, ECE 4437A/B, ECE 4445A/B, Engineering Science 3330A/B, Engineering Science 4498F/G, 1.0 BME Technical Electives, 0.5 ECE Technical

Elective.
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MECHANICAL ENGINEERING AND BIOMEDICAL ENGINEERING

Effective, September 1, 2020, the following change(s) be made: Program Revision.

F. MECHANICAL ENGINEERING AND BIOMEDICAL ENGINEERING

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Second Year Program
Applied Mathematics 2270A/B, Applied Mathematics 2276A/B, BME 3201A/B, MME 2200Q/R/S/T, MME 2202A/B, MME 2204A/B, MME 2213A/B, MME 2221A/B, MME 2259A/B, MME 2260A/B, MME 2273A/B, MME 2285A/B, Statistical Sciences 2143A/B, Writing 2130F/G.

Third Year Program
Applied Mathematics 3413A/B, Biology 1201A, Biology 1202B, Biology 1001A/B, Biology 1002A/B, MME 3303A/B, MME 3307A/B, MME 3350A/B, MME 3360A/B, MME 3379A/B, MME 3380A/B, MME 3381A/B, ECE 3374A/B, 0.5 non-technical elective.

Fourth Year Program
Biochemistry 2280A, BME 3301A/B, BME 3303A/B, ECE 4455A/B, MME 4469A/B, Physiology 2130, 1.5 Biomedical Sciences Electives, 1.0 Healthcare Non-technical Electives, 0.5 open elective.

Fifth Year Program
BME 4400, MME 3334A/B, MME 4499, Engineering Science 3330A/B, Engineering Science 4498F/G, 1.5 BME Technical Electives, 1.0 MME Technical Electives.
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MECHATRONIC SYSTEMS ENGINEERING AND BIOMEDICAL ENGINEERING

Effective, September 1, 2020, the following change(s) be made: Program Revision.

D. MECHATRONIC SYSTEMS ENGINEERING AND BIOMEDICAL ENGINEERING

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Second Year Program
Applied Mathematics 2270A/B, Applied Mathematics 2276A/B, BME 3201A/B, Computer Science 1037A/B, ECE 2205A/B, MSE 2200Q/R/S/T, MSE 2201A/B, MSE 2202A/B, MSE 2212A/B, MSE 2213A/B, MSE 2214A/B, MSE 2233A/B, MSE 2273A/B, Writing 2130F/G.

Third Year Program
Applied Mathematics 3415A/B, Biology 1201A, Biology 1202B, Biology 1001A/B, Biology 1002A/B, ECE 2277A/B, ECE 3330A/B, ECE 3331A/B, ECE 3375A/B, MSE 3301A/B, MSE 3302A/B, MSE 3310A/B, MSE 3360A/B, MSE 3380A/B, MSE 3381A/B.

Fourth Year Program
Biochemistry 2280A/B, BME 3301A/B, BME 3303A/B, ECE 4455A/B, MME 4469A/B, Physiology 2130, Statistical Sciences 2141A/B, 1.5 biomedical sciences electives, 1.0 healthcare non-technical electives.

Fifth Year Program
BME 4400, ECE 4445A/B, Engineering Science 3330A/B, Engineering Science 4498F/G, MSE 4401A/B, MSE 4499, 1.0 BME technical electives, 0.5 MSE technical elective, 0.5

non-technical elective.

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Faculty of Science/Schulich School of Medicine & Dentistry; including BMSc and Neuroscience

PATHOLOGY

Effective, September 1, 2020, the following change(s) be made: Module Revision.

HONOURS SPECIALIZATION IN PATHOLOGY

Module
11.0 courses:

0.5 course: Biochemistry 2280A.
0.5 course: Biology 2382A/B.
0.5 course from: Biology 2290F/G, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
0.5 course from: Chemistry 2211A/B, Chemistry 2214A/B, Chemistry 2223B.
0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.
1.0 course: Pharmacology 3620.
1.0 course from: Anatomy and Cell Biology 3309, or (Anatomy and Cell Biology 2200A/B and one of Anatomy and Cell Biology 3200A/B or Microbiology and Immunology 2500A/B), or the former Anatomy and Cell Biology 3319.
1.0 course: Physiology 3120.
1.0 course: Pathology 3500 with a mark of at least 70%, or the former Pathology 3240A and the former Pathology 3245B with marks of at least 70% in each.
0.5 course from: Biology 3316A/B, Chemistry 2272F, Epidemiology 2200A/B, Physiology 3140A, Medical Health Informatics 4100F, Medical Health Informatics 4110G, Pathology 4425A/B, Pathology 4450A.
1.0 course: Pathology 4400A/B, Pathology 4500B.
1.0 course from: Medical Sciences 4100F/G, Pathology 3700F/G, Pathology 4200A/B.
1.5 courses: Pathology 4980E (Research Project = 1.5 courses).

Note: For the specific courses that must be completed before Year 4, see the Weighted Average Chart (MODULES OFFERED IN THE BMSc PROGRAM).

Effective, September 1, 2020, the following change(s) be made: Module Revision.

MAJOR IN PATHOLOGY

Module
6.0 courses:

0.5 course: Biochemistry 2280A.
0.5 course: Biology 2382A/B.
0.5 course from: Chemistry 2213A/B, Biology 2244A/B or Statistical Sciences 2244A/B.
1.0 course from: Anatomy and Cell Biology 3309, or (Anatomy and Cell Biology 2200A/B and one of Anatomy and Cell Biology 3200A/B or Microbiology and Immunology 2500A/B), or the former Anatomy and Cell Biology 3319.
1.0 course: Physiology 3120.
1.5 courses: Pathology 3500 with a minimum mark of 70% (or the former Pathology 3240A and the former Pathology 3245B with minimum marks of 70% in each), Pathology 4400A/B.
1.0 course from: Medical Health Informatics 4100F, Medical Health Informatics 4110G, Medical Sciences 4100F/G, Microbiology and Immunology 2500A/B, Pathology 3700F/G,

Pathology 4200A/B, Pathology 4425A/B, Pathology 4450A, Pathology 4500B, Physiology 3140A.

Note: A maximum of 1.0 "common course" can be double-counted towards two Major modules in a BMSc degree. See the Common Course Policy on the BMSc website for more information.

Faculty of Social Science

GEOGRAPHY AND ENVIRONMENT

Effective, September 1, 2020, the following change(s) be made: Module Revision.

MAJOR IN ENVIRONMENT AND HEALTH

Module
6.0 courses:

2.0 courses: Geography 2411F/G, Geography 2430A/B, Geography 3431A/B, Geography 3432A/B.
1.0 course from: Geography 2210A/B,Geography 2220A/B, Geography 2230A/B, Geography 2240A/B, Geography 3250A/B.
0.5 course from: Geography 2152F/G, Geography 2153A/B, Geography 2156A/B, Geography 2160A/B, Geography 2162A/B, Geography 2410A/B, Geography 2420A/B, Geography 2460F/G, Sociology 2180A/B, Psychology 2036A/B.
0.5 course from: Geography 2131A/B, Geography 2133A/B, Geography 2310A/B, Geography 2320A/B, Geography 2330A/B.
1.0 course from: Geography 3441F/G, Geography 3443F/G, Geography 3445F/G, Geography 3446A/B, Geography 3461F/G, Geography 3462F/G, Geography 3463F/G, Anthropology 3341F/G.
1.0 course in Geography at the 3000 level or above