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

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**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**

...  

**Second Year Program**  

**Third Year Program**  

**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**

...  

**Second Year Program**  

**Third Year Program**  

**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
MECHANICAL ENGINEERING AND BIOMEDICAL ENGINEERING

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

**F. MECHANICAL ENGINEERING AND BIOMEDICAL ENGINEERING**

... Second Year Program

Third Year Program

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

... 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**

... Second Year Program

Third Year Program

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
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,
Faculty of Science/Schulich School of Medicine & Dentistry; including BMSc and Neuroscience, Date Approved: July 16, 2020

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