Honors Specialization in Interdisciplinary Medical Sciences (IMS)

Module
10.0 courses:

0.5 course: Biochemistry 2280A.
1.5 courses: Biology 2290F/G, Biology 2382A/B, Biology 2581A/B.
0.5 course: Chemistry 2213A/B.
0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.
0.5 course from: Chemistry numbered 2100-3999 **or 0.5 course from Group 1 or 2 – see Note # 1**
2.0 courses from Group 1 – see Note #2
1.0 course from: Group 1 or (0.5 from Group 1 and 0.5 from Group 2) – see Note #2
0.5 course from Group 3 or Physiology and Pharmacology 3000E. **See Note # 3.**
1.0 course: Medical Sciences 4900F/G, Medical Sciences 4930F/G.
2.0 **additional** courses at the 4000-level *from at least two of the following subject areas*: Anatomy and Cell Biology, Biochemistry, Biostatistics, Epidemiology, Medical Biophysics, Medical Sciences, Microbiology and Immunology, Pathology, Pharmacology, Physiology. **Note: a maximum of 1.5 of these 4000-level courses can be selected from one subject area.**

Group 1: **Anatomy and Cell Biology 2200A/B**, Anatomy and Cell Biology 3309, Biochemistry 3381A, Biochemistry 3382A, Biostatistics 3100A, Biostatistics 3110B, Epidemiology 2200A/B, Epidemiology 3200A, Medical Biophysics 3330F/G, 3336F/G, Medical Biophysics 3501A, Medical Biophysics 3503G, Medical Biophysics 3505F, Medical Biophysics 3507G, Microbiology and Immunology 2500A/B, Microbiology and Immunology 3100A, Microbiology and Immunology 3300B, Pathology 3500, Pharmacology 3620, Physiology 3120, Physiology 3140A, any of the former courses: the former Epidemiology and Biostatistics 2200A/B, the former Pathology 3240A, the former Pathology 3245B.

Group 2 (see notes below): Anatomy and Cell Biology **3200A/B**, Biochemistry 3385A, Biochemistry 3386B, Biochemistry 3390B, Epidemiology 3210B, Epidemiology 3315B, Epidemiology 3330F/G, Microbiology and Immunology 3500B, Pharmacology 2060A/B, **the former Anatomy and Cell Biology 3319.**

Group 3: Biochemistry 3380G, Medical Biophysics 3970Z, Medical Sciences 3900F/G, Microbiology and Immunology 3610F, Microbiology and Immunology 3620G, Physiology and Pharmacology 3000E, one of the former Pharmacology 3580Z or the former Physiology 3130Z.

Notes:
1. Chemistry 2223B is a prerequisite for the following Group 1 and 3 courses: Biochemistry 3381A, Biochemistry 3382A and Microbiology and Immunology 3620G.
2. Of these 3.0 specific courses from Groups 1-2, a maximum of 2.0 courses can be from one subject area (e.g. a maximum of 2.0 can be Biochemistry courses). It is not mandatory to complete any Group 2 courses in the Honors Specialization in IMS. If **the former** Anatomy and Cell Biology 3319 **was** taken as a Group 2 course, then the total number of courses required for the module will increase by 0.5 course.
3. If Physiology and Pharmacology 3000E is selected **for the Group 3 requirement**, then the module will **comprise 10.5 courses**.
4. **For the specific courses that must be completed before Year 4, see the Weighted Average Chart (MODULES OFFERED IN THE BMSc PROGRAM).**
5. See UNDERGRADUATE COURSE INFORMATION for course requisites and the BMSc website for information about constraints (priority and restricted access) for all basic medical science courses.

Weighted Average Chart:

Honors Specialization Module	Modular courses responsible for 1/3 of the Weighted Average	Modular courses responsible for 2/3 of the Weighted Average
IMS (Interdisciplinary Medical Sciences)	3.0 courses: Biochemistry 2280A; Biology 2581A/B, Biology 2382A/B and Biology 2290F/G; Chemistry 2213A/B or Chemistry 2273A; Biology 2244A/B or Statistical Sciences 2244A/B.	3.0 or 3.5* courses: **2.0 courses from Group 1;** **0.5 course from either Group 1 or 2;** **0.5 course from Group 3 (*if, however, Physiology and Pharmacology 3000E is selected for the Group 3 requirement, then the number of courses used toward the Weighted Average becomes 3.5 courses).** **See Weighted Averages on the IMS website for more details.**