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 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:

<table>
<thead>
<tr>
<th>Honors Specialization Module</th>
<th>Modular courses responsible for 1/3 of the Weighted Average</th>
<th>Modular courses responsible for 2/3 of the Weighted Average</th>
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<tr>
<td>IMS (Interdisciplinary Medical Sciences)</td>
<td>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.</td>
<td>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.</td>
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