HONORS SPECIALIZATION IN ONE HEALTH

Admission Requirements
Admission to this Honors Specialization module occurs in Year 3 and requires admission to Year 3 of the Bachelor of Medical Sciences (BMSc) Program. Students will usually complete MEDICAL SCIENCES FIRST ENTRY (Medical Sciences 1 and 2) prior to admission to the Honors Specialization module. Enrolment in this Honors Specialization module is limited and meeting the minimum requirements does not guarantee admission.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

- 1.0 course: Biology 1001A* and Biology 1002B*
- 1.0 course: Chemistry 1301A/B and Chemistry 1302A/B
- 0.5 course from: Calculus 1000A/B, Calculus 1500A/B
- 0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, Calculus 1501A/B, Mathematics 1600A/B.
- 0.5 course from: Physics 1028A/B, Physics 1301A/B, Physics 1501A/B
- 0.5 course from: Physics 1029A/B, Physics 1302A/B, Physics 1502A/B.

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

1.0 course at the 1000-level from either Category A or B must be completed with a passing grade. 1.0 of the following first-year courses is recommended but not required: Sociology 1020 or Sociology 1021E, Geography 1400F/G, Geography 1500F/G, Health Sciences 1001A/B, Health Sciences 1002A/B.

The 2000-level courses below must be completed with a minimum mark of 60% in each prior to admission to the Honors Specialization module in Year 3. These 2000-level courses will also be used towards the Module requirements. See ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for additional requirements (average and course load), etc. See MODULES OFFERED IN THE BMSc PROGRAM for specific information about admission to the Honors Specialization modules, including the Weighted Average Chart.

- 0.5 course: Biochemistry 2280A
- 0.5 course: Biology 2382A/B
- 1.0 course: Chemistry 2213A/B and Chemistry 2210A/B
- 0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B

Although not required prior to Year 3, students are encouraged to complete Chemistry 2210A/B in Year 2.
Module
11.0 courses:

0.5 course: Biochemistry 2280A.
0.5 course: Biology 2382A/B.
1.0 course: Chemistry 2213A/B and Chemistry 2210A/B.
0.5 course from: Biology 2244A/B or Statistical Sciences 2244A/B.
0.5 course Biology 2483A/B.
1.0 course from: Geography 2133A/B, Geography 2153A/B, Sociology 2179A/B, Sociology 2180A/B, Sociology 2246A/B, Sociology 2247A/B, Sociology 2281A/B.
0.5 course: Environmental Science 3300F/G.
1.5 courses from: Anatomy and Cell Biology 3319, Biology 3316A/B or Physiology 3140A, Epidemiology 2200A/B, Microbiology and Immunology 2500A/B, Pharmacology 3620, Physiology 3120.
0.5 course from: Geography 3431A/B, Geography 3432A/B, Geography 3445F/G, Sociology 3308F/G.
1.5 courses: Pathology 3500 with a minimum mark of 70% (or the former Pathology 3240A, and the former Pathology 3245B with marks of at least 70% in each), Pathology 4400A/B.
1.0 course from: Medical Health Informatics 4100F, Medical Health Informatics 4110G, Pathology 3700F/G, Pathology 4200A/B.
0.5 course from: Biology 4230A/B, Biostatistics 3100A, Environmental Science 3350F/G.
1.5 courses: One Health 4980E (Research Project = 1.5 courses).

See the Weighted Average Chart (MODULES OFFERED IN THE BMSc PROGRAM) for information about admission to the Honors Specialization modules in Year 4, including which modular courses must be completed prior to Year 4.