

### Medical Sciences First Entry

<b>Policy Category:</b>	Registration, Progression, Graduation
<b>Subject:</b>	Medical Sciences First Entry
<b>Subsections:</b>	<a href="#">Medical Sciences 1 (Year 1)</a> ; <a href="#">Medical Sciences 2</a>
<b>Approving Authority:</b>	Senate
<b>Responsible Committee:</b>	Senate Committee on Academic Policy
<b>Related Procedures:</b>	*
<b>Officer(s) Responsible for Procedures:</b>	*
<b>Related Policies:</b>	<a href="#">Admission to the Bachelor of Medical Sciences (BMSc) Program</a>
<b>Effective Date:</b>	September 1, 2024
<b>Supersedes:</b>	September 1, 2023, September 1, 2022; September 2021

Students interested in the Bachelor of Medical Sciences (BMSc) Program should enrol in Medical Sciences First Entry. Medical Sciences First Entry is referred to as a Medical Sciences 1 in first year and Medical Sciences 2 in second year, and only students in Medical Sciences 1 who satisfy the requirements listed below may progress to Medical Sciences 2. Students in Medical Sciences 2 who satisfy certain conditions are assured admission to the BMSc Program in Year 3 (see Admission to the Bachelor of Medical Sciences (BMSc) Program).

It is anticipated that not all of the spaces available in Year 3 BMSc will be filled by the students in Medical Sciences 2 who satisfy the conditions for assured admission, allowing additional students to apply for admission to Year 3 BMSc from the “competitive pool”. See Admission to the Bachelor of Medical Sciences (BMSc) Program for the conditions that must be satisfied by these additional students applying from the “competitive pool” for admission to Year 3 BMSc.

**MEDICAL SCIENCES 1 (YEAR 1):**

**5.0 courses and Medical Sciences 1000Y (non-credit course):**

**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 or Calculus 1500A/B

**0.5 course from:** Applied Mathematics 1201A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1600A/B (see note below).

**0.5 course from:** Physics 1201A/B, Physics 1501A/B.

**0.5 course from:** Computer Science 1026A/B, Physics 1202A/B, Physics 1502A/B.

**1.0 1000-level course** from either Category A or Category B (see Breadth Requirements for Bachelor Degrees).

**Medical Sciences 1000Y (non-credit course)**

Note:

The Admission Requirements for the Honours Specialization in Medical Bioinformatics require either Calculus 1301A/B or Calculus 1501A/B.

*To progress from Medical Sciences 1 to Medical Sciences 2, students must meet the following requirements prior to the beginning (September) of Medical Sciences 2:*

- Achieve a minimum grade of 50% in any course(s) taken during Medical Sciences First Entry (including summer sessions);
- Achieve a PASS in Medical Sciences 1000Y (non-credit course);
- Achieve a mark of at least 50% in 1.0 1000-level course(s) from either Category A or B; and
- Achieve a mark of at least 60% in the first attempt at each of the half courses listed above in Biology, Chemistry, and mathematics (i.e., courses in Applied Mathematics, Calculus, Mathematics.
- Achieve a mark of at least 60% in the first attempt at each of the half courses listed above in Physics or Computer Science. Students may defer the completion of these two 0.5 requirements to the Fall/Winter of Medical Sciences 2.

**MEDICAL SCIENCES 2:**

Medical Sciences 2 consists of a full load of 5.0 courses comprised of the remaining courses (usually 2000-level courses) listed in the Admission Requirements for the module(s) each student plans to pursue if admitted to the BMSc Program in Year 3, as well as optional courses. The conditions that must be satisfied by students in Medical Sciences 2 for assured admission to the BMSc Program in Year 3, as well as the conditions that must be satisfied by students in the competitive pool applying

for admission to Year 3 BMSc, are outlined in Admission to the Bachelor of Medical Sciences (BMSc) Program.