

## PRE-PROFESSIONAL STUDIES AT CMU

### Preparing for a Career in MEDICINE

Completing a Bachelor of Arts at Canadian Mennonite University (CMU) could prepare you to meet the entrance requirements for a graduate program in Medicine. **This page explains what you must do if you wish to continue studies at the University of Manitoba to earn the Doctor of Medicine.** If you intend to continue studies at some other university, similar possibilities exist. It is important, however, that you inquire about admission and program requirements at the university you are considering and that you work with the Coordinator of Student Advising at CMU to construct a program of studies at CMU that will achieve your objectives.

If you intend to earn the Doctor of Medicine at the University of Manitoba, it is possible for you to complete a baccalaureate degree at CMU and enter the Doctor of Medicine Program at the University of Manitoba *without adding to the time it would take if you were to go directly to the University of Manitoba.*

To become eligible for admission to the Faculty of Medicine at the University of Manitoba, you must present a three- or four-year Bachelor's degree with a minimum AGPA of 3.3. Courses taken must include:

- 18 credit hours of Humanities and/or Social Sciences
- 6 credit hours completed in Biochemistry with a minimum grade of C

Since Biochemistry has prerequisites, you will need to take additional science courses, namely introductory chemistry (CHEM 1010 & 1020) and introductory biology (BIOL-1310 and 1320). The first organic chemistry course (CHEM-2010) is also a prerequisite for Biochemistry II. Furthermore, the Medical College Admission Test (MCAT), which each applicant must take, presupposes knowledge of Physics and the second organic chemistry course. Though you are not required to take these two courses, you may choose to include them in preparation for the MCAT. You must write the MCAT no later than August of the year before the year in which you hope to be admitted.

Example of a qualifying year at CMU:

<u>First Semester</u>	<u>Second Semester</u>
One of the following: BTS-1110 Biblical Literature & Themes <b>OR</b> BTS-1120 Encountering the Bible <b>OR</b> BTS-1130 Introducing Jesus: An Overview of the Christian Bible	One of the following: BTS-2000 Intro to Christianity <b>OR</b> BTS-2420 Exploring Christian Spirituality <b>OR</b> BTS-2550 History of Christianity <b>OR</b> BTS-2720 Theologies of the Global South <b>OR</b> BTS-2750 Intro to Christian Ethics
BIOL-1310 Cells and Energy	BIOL-1320 Diversity of Life
CHEM-1010 Structure and Modeling in Chemistry	CHEM-1020 Physical Chemistry
Humanities or social science elective	Humanities or social science elective
MATH-1010 Calculus I	Elective

During the second and third years you would complete the physics, organic chemistry, and biochemistry courses.

**High School pre-requisites: Biology 40S, Chemistry 40S, Math 40S (pre-calculus) and Physics 40S. English 40S is recommended.**

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