

Pre-medical and Pre-veterinary Programs

The liberal arts curriculum at Marietta College provides an ideal framework for the pre-professional preparation needed for entry into a variety of health fields. Medical, dental, and veterinary schools seek students who not only have a sound education in the basic sciences, but who also have developed communication skills and have foundations in the humanities and social sciences.

Although most pre-medical and pre-veterinary students at Marietta major in biology, chemistry, or biochemistry, other majors may be more suitable for some students. Because some students later decide not to pursue a career in the health professions, a major should be chosen on the basis of genuine interest. Although most medical profession schools do not specify a preference for a particular major, they do require that the student complete a certain core group of courses. For example, nearly all medical schools require the following:

- one year of biology;
- two years of chemistry including a year of organic chemistry;
- one year of physics, and;
- one year of mathematics including some calculus.

Courses such as these should be completed by the spring of the junior year in order to be prepared adequately for the national admission examinations (MCAT, DAT, VAT or GRE). Some schools also specify other courses in the humanities and social sciences. Because these requirements vary among schools and according to the type of health profession, the pre-professional student should seek careful advice about course selection

from an advisor as well as the Marietta College Pre-Medical Committee.

The Pre-Medical Committee consists of representatives from the Departments of Biology and Chemistry. In addition to advising students in the selection of courses, the Committee collects and disseminates information regarding professional school admission requirements, national admission examinations, and application procedures. The Committee is also responsible for organizing faculty recommendations regarding students seeking admission to schools of the health professions. Besides information about medical, dental, and veterinary schools, the Committee also collects information about other health-related fields, such as pharmacy, medical technology, and physician assistants.

Available to pre-medical students at Marietta College is the "Rounds" Program. Several physicians at Marietta Memorial Hospital have agreed to allow qualified pre-medical students from Marietta College to make "rounds" with them. This might entail such things as visiting hospitalized patients with their physicians, observing surgery, or spending some time in the physician's office as he or she examines patients. Participating physicians may include emergency room physicians, internists, surgeons, obstetricians, gynecologists, pathologists, radiologists, and practitioners in other specialties in medicine. This program is available to qualified pre-medical and pre-nursing students. A similar, but less formal program exists for pre-dental students.

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Certificate Programs

Marietta College offers certificates in several areas of instruction. Certificates recognize completion of a specified body of courses united by an academic theme. Certificates differ from majors and minors in that they may be awarded independent of any degree or major. They are particularly attractive to students who may