

Pre-Professional (Health) ! College of Science and Mathematics

About the Program

Overview

Professional schools and programs vary in academic requirements for admission. Some professional programs require that the student complete a bachelor's degree before enrolling. Others allow a student to transfer to another institution after two years of full-time study at Madonna University for the completion of the professional program. Students are encouraged to contact admissions offices at each school for admission requirements as you begin your studies at Madonna University.

Pre-medicine students interested in attending either allopathic (M.D.) or osteopathic (D.O.) medical schools may major in any area of specialization, since overall undergraduate grade point average is an important criterion for admission to a professional school. Other admission criteria for various pre-professional programs include science grade point average and scores on a national standardized exam such as Medical College Admission Test (MCAT), Dental College Admission Test (DCAT), or Graduate Record Exam (GRE), as well as interviews, written essays and related patient-care experience.

Unique features

- Opportunity for hospital-based program in pre-radiography and pre-nuclear medicine that lead to specialty registry.
- Provides unique background in chemistry, biology, and physics.
- Small class sizes allow for maximum student-instructor interaction.

Plan of Study - Bachelor's Degree

Pre-Dentistry, Pre-Medicine, Pre-Optometry, Pre-Osteopathy, Pre-Pharmacy, Pre-Podiatry, Pre-Veterinary

Students preparing for a health professions career may major in any area whose free electives allow completion of the following basic courses:

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|----------|----------------------|---------------|
| BIO 1030 | General Biology I | 4 s.h. |
| BIO 1040 | General Biology II | 4 s.h. |
| CHM 1110 | General Chemistry I | 4 s.h. |
| CHM 1120 | General Chemistry II | 4 s.h. |
| CHM 2210 | Organic Chemistry I | 4 s.h. |
| CHM 2220 | Organic Chemistry II | 4 s.h. |
| MTH 1210 | Precalculus | 4 s.h. |
| PHY 2530 | General Physics I | 4 s.h. |
| PHY 2540 | General Physics II | <u>4 s.h.</u> |
| | | 36 s.h. |

* Schools and programs vary in general requirements for admission. Students are advised to become familiar with the exact requirements of the program(s) to which application will be made. At Madonna University, these programs are under the direction of the College of Science & Mathematics.

Where Grads are Found

Recent graduates have been admitted to a variety of medical schools, including:

Wayne State University
Georgetown University
Michigan State University
Northwestern
University of Detroit Dental School
University of Michigan School of Pharmacy
Wayne State University School of Pharmacy
Michigan State University Veterinary Medicine
Ferris State School of Optometry
Cleveland Podiatric Medicine



For Admissions Information

Office of Admissions
Madonna University
36600 Schoolcraft Rd.
Livonia, MI 48150-1173
734/432-5339
Fax 734/432-5393
800-852-4951
TTY 734/432-5643
web: www.madonna.edu
e-mail: muinfo@madonna.edu

For Program Information

Maria Kuhn
College of Science and
Mathematics
Madonna University
36600 Schoolcraft Rd.
Livonia, MI 48150-1173
734/432-5512
Fax 734/432-5393
800-852-4951
TTY 734/432-5643
web: www.madonna.edu
e-mail: mkuhn@madonna.edu

Coursework

The following list of courses are those Madonna University classes which fulfill requirements for entry into medical school.

Requirements for other pre-professional programs are somewhat different. Several of these courses have prerequisites which also must be satisfied.

General Biology I, II
General Chemistry I, II
Organic Chemistry I, II
General Physics I, II
Precalculus or Calculus I
General Psychology

Career Opportunities

Hospitals and Clinics
Laboratories
Educational Institutions

Madonna University reserves the right to withdraw or modify information in this brochure.

See Advisor/Admissions Office for current information.

Madonna University guarantees the right to equal educational opportunity without discrimination because of race, religion, sex, national origin, age, or disabilities.