

Pre-Pharmacy • College of Science and Mathematics

Associate of Science Pre-Pharmacy

About the Program

Overview

Both on state and national levels, the demand for pharmacists by far exceeds the supply. There is a need for qualified candidates to enter Pharm D. programs in the state of Michigan. Students earn an A.S. Pre-Pharmacy degree, after successful completion of a specially tailored plan of study, usually taking two years. Students may then apply for entry into a Pharm D. program (Doctor of Pharmacy), which is typically a four-year program.

Madonna University's curriculum is specially designed to prepare the student for successful entry into Michigan Pharm D. programs and to pass the requisite PCAT exam (Pharmacy College Admission Test).

Madonna University Value Added Features

- C Curriculum specifically designed around Pharm. D. admission requirements at Michigan universities
- C Advisors who have updated knowledge of admission requirements at Michigan colleges of pharmacy
- C Relatively small class sizes enable close attention by University professors
- C Location in metropolitan Detroit (central to major Pharm D universities and many pharmacies for co-op opportunities)
- C Networking with other students and alumni
- C Letters of recommendation from a professor who personally knows you

Program Requirements*

BIO 1030	General Biology I	4 s.h.
BIO 2260	Microbiology	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.
PHY 2530	General Physics I	4 s.h.
PSC 2510	American Government	4 s.h.
MTH 2510	Calc. w/Analytic Geometry I	5 s.h.
CIS 2250	Computer Fundamentals	2 s.h.
ECN 2710	Economics for Human Services	<u>3 s.h.</u>
	Total	42 s.h.

General Education Requirements

Goal 1:	ENG 1010 Communication Skills I	3 s.h.
	ENG 1020 Communication Skills II	3 s.h.
Goal 2:	Religious Studies (choice)	3 s.h.
Goal 3:	HUM 2010 The Medium & the Message	4 s.h.
	ART 2020, ENG 2230, or MUS 2020	3 s.h.
	PHL 2010	3 s.h.
Goal 4:	Satisfied	
Goal 5:	PSY 1010 General Psychology	3 s.h.
Goal 6:	HIS 1010 World Problems <u>or</u> 4320 Diplomatic Hist of the U.S. <u>or</u> 4630 Emerging Nations	<u>3 s.h.</u>
	Total	25 s.h.

Total hours for Associate Degree

67 s.h.

*Schools and programs vary in requirements for admissions. Students should consult the program advisor to become familiar with the exact requirements of the program(s) to which application will be made.



Admission to Pharm D. Programs

Typically, the application deadline for admission is the end of January, for fall semester admission of that year. Admission criteria is mainly based on (1) successful completion of prerequisite courses, (2) GPA and, (3) performance on the PCAT (Pharmacy College Admission Test), typically taken during January of the year of application.

For Admissions Information

Office of Admissions
Madonna University
36600 Schoolcraft Road
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

Career Options

- Community Pharmacy
- Home Health Care
- Hospital Pharmacy
- Industrial Pharmacy: includes research, production, quality control and sales
- Long Term Care
- Pharmaceutical Journalism
- Pharmacy Education
- Public Health

For Program Information

Dr. Ted Biermann,
Physical & Applied Sciences
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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.