

Pre-Pharmacy Curriculum Guide 2025-2026*

Course Requirements for Michigan Pharmacy Schools

Requirements	Ferris State University	University of Michigan	Wayne State University*
Anatomy & Physiology	BIO 337 & 392 or HSC 214 & 302	HSC 214 & HSC 302 or BIO 392	HSC 214 & 302 & 411 or HSC 308 Or BIO 337 & BIO 392 *
Biology	BIO 111 or BIO 112 or BIO 212 (8 hours total)	BIO 111 & BIO 112 & BIO 211	BIO 112 or BIO 101
Microbiology	BIO 208*** or BIO 320	BIO 320 or BIO 208***	BIO 208***
Genetics		BIO 211	
Calculus	MTH 132	MTH 132	MTH 132
Chemistry	CHM 131 & 132	CHM 131 & 132	CHM 131 & CHM 132
Organic Chemistry	CHM 345, 346 & 349	CHM 345, 346, 349**	CHM 345, 346, & 349
Biochemistry		CHM 520 or CHM 421	CHM 520
Economics	ECO 201 or ECO 202	N/A	N/A
English	ENG 101 or ENG 103, ENG 201	ENG 101**	ENG 101
Public Speaking	COM 101	N/A	COM 357 or COM 101
Psych. or Soc.	PSY 100 or SOC 100	N/A	N/A
Statistics	STA 282 or 382 or 392 or BIO 500	STA 282 or BIO 500 or PSY 211	STA 282 or 382 or BIO 500 or PSY 211
Physics		PHY 130QR & 170	PHY 130 & 170
Social Science	9 credits, including a 200 level or higher: ART, ENG Foreign Language, HST, HUM, MUS, TAI	2 semesters	N/A
Humanities		2 semesters	N/A
Class Size	97 students	85 students	95 students
Minimum Pre-Requisite GPA	Min. 2.5 cumulative and min. C- in each course	Min. C in each course, competitive overall 3.3 GPA	Min. C in each course.
Average GPA	3.41 Pre-Pharmacy GPA	3.6 Cumulative	3.6 Cumulative
Average PCAT	Not required	Not required, but consider if: -Overall GPA is below 3.0 -Overall grades in science courses are below 3.0 -Science prerequisites were taken 5+ years ago -Grades have trended downward overtime	78 th Percentile Preferred 50 th Percentile *Conditionally required
AP & CLEP	Accepts AP & CLEP credit	Varies by class	Accepts AP & CLEP credit
Websites	https://www.ferris.edu/Pharmacy/	https://pharmacy.umich.edu/pharmacy-programs/pharmd-program/application-process-requirements/	https://applebaum.wayne.edu/pharmd/admissions

*Wayne State has additional course requirements for students who will not be completing a bachelor's degree. Visit their website for additional information.

** AP credit is not acceptable for these prerequisites.

*****BIO 208 will not count towards any Biology major.**

**** Ferris does not require you to have a bachelor's degree prior to starting, if you have a bachelor's degree, you do not need to fill the English Composition, Public Speaking, or Cultural Enrichment requirements

***** University of Michigan- Pre-requisites can be in progress at time of application