

Pre-Pharmacy Guide

Course Requirements for Michigan Pharmacy Schools

THIS DOCUMENT IS A GUIDE ONLY. Students must consult with a pre-health advisor AND the appropriate pharmacy schools on a regular basis for revisions to prerequisites and to ensure completion of all application requirements. ***This guide is based on the completion of a bachelor's degree from MSU. Students who will not complete a bachelor's degree prior to admission to pharmacy school MUST contact schools regarding additional requirements.*** Each professional school has their own policy on whether they accept courses from Advanced Placement and Community Colleges. Students must contact individual schools to verify their requirements.

Requirements	Ferris State University	University of Michigan	Wayne State University
Anatomy	ANTR 350 or IBIO 328 AND ANTR 355	ANTR 350 or IBIO 328	ANTR 350 or KIN 216 ¹
Biology	BS 161 & 171 & 162 & 172	BS 161 & 162	BS 161 & 171
Biochemistry		BMB 200 or 401	BMB 401
Calculus	MTH 132 (<i>MTH 124 allowed</i>)	MTH 132 (<i>MTH 124 allowed</i>)	MTH 132
Inorganic Chemistry	CEM 141 & 161 & 142 & 162	CEM 141 & 161 & 142 & 162	CEM 141 & 161 & 142 & 162
Organic Chemistry	CEM 251 & 252 & 255	CEM 251 & 252 & 255	CEM 251 & 252 & 255
English	WRA 101 or 195H	WRA 101	WRA 101
Genetics		IBIO 341	
Humanities	9 credits – see website for more details	2 semesters (<i>May use IAH or Foreign Language</i>)	
Microbiology	MMG 201 or MMG 301 AND MMG 302	(MMG 301 & 302) or (MMG 365 & 365L)	MMG 301 & (MMG 302 or 365L)
Physics		PHY 221	PHY 221
Physiology	PSL 310 or (PSL 431 & 432) AND PSL 311L	PSL 310 or (PSL 431 & 432)	PSL 310 or PSL 350
Social Science	PSY 101 or SOC 100	2 Semesters (<i>May use ISS</i>)	
Speech	COM 225		COM 100
Statistics	STT 200 or 201 or 231	STT 201 or 231 or 421 or PSY 295	STT 200 or 201 or 231 or PSY 295
Minimum GPA	No lower than 1.7 (C-) for prerequisites	2.0 in each prerequisite	
Website	https://www.ferris.edu/pharmacy/	https://pharmacy.umich.edu/	http://cphs.wayne.edu/pharm/index.php

¹KIN classes are open to KIN majors only

Additional Resources:

MSU Pre-Health: <https://prehealth.natsci.msu.edu/>

Resources for Pre-Pharmacy Students: www.aacp.org/resources/student

American Association of Colleges of Pharmacy: www.aacp.org

Pharmacy School Admission Requirements (PSAR): <https://www.aacp.org/resource/pharmacy-school-admission-requirements>

Pharmacy College Application Service (PharmCAS): www.pharmacas.org

Explore Health Careers: www.explorehealthcareers.org

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Undergraduate Academic and Student Affairs