

Pre-Physician's Assistant Guide

Course Requirements for Michigan PA Schools

(Additional schools listed beginning on page 3)

THIS DOCUMENT IS A GUIDE ONLY. Students must consult with a pre-health advisor AND the appropriate PA schools on a regular basis for revisions to prerequisites and to ensure completion of all application 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	Central Michigan University	Concordia University	Eastern Michigan University	Grand Valley State University	Lawrence Tech University	Michigan State University
Biochemistry	BMB 200 or 401	BMB 200 or BMB 401	(BMB 200 & 471) or (BMB 401 & 471) or (BMB 461 & 471) <i>Need this or organic chem with lab</i>	BMB 200 or 401 or (BMB 461 & 462)	BMB 200 or BMB 401 <i>Need this or organic chem</i>	BMB 200 or 401
Biology				BS 161 & 171		
Chemistry			CEM 141 & 161	CEM 141 & 161 & 142 & 162		CEM 141 <i>Need this or organic chemistry</i>
Organic Chemistry		CEM 143 or (CEM 251, CEM 252, & CEM 255)	(CEM 251 & 252 & 255) or CEM 143 <i>Need this or biochem with lab</i>	(CEM 251 & 252 & 255) or CEM 143	(CEM 251 & 252 & 255) or CEM 143 <i>Need this or biochem</i>	See chemistry
Developmental Psychology	HDFS 225 or PSY 238	HDFS 225 or PSY 238 or PSY 280 or PSY 101	HDFS 225 or PSY 238	PSY 101 or HDFS 225 or PSY 238	HDFS 225 or PSY 238	HDFS 225 or PSY 238
English		WRA & Tier II				WRA 101
Human Anatomy	(KIN 216 ¹ & 217 ¹) or (ANTR 350 & 485 ²) or (ANTR 350 & 355 ²)	(KIN 216 ¹ & 217 ¹) or (ANTR 350 & 485 ²) or (ANTR 350 & 355 ²)	ANTR 350 or KIN 216 ¹	(KIN 216 ¹ & 217 ¹) or ANTR 350	(KIN 216 ¹ & 217 ¹) or (ANTR 350 & 355 ²)	ANTR 350 or KIN 216 ¹
Human Genetics				IBIO 341 or MGI 404		
Human Nutrition						
Human Physiology	(PSL 310 & 311L) or (PSL 431 & 475L)	(PSL 310 & 311L) or (PSL 431, PSL 432, & PSL 475L)	PSL 250 or 310 or (PSL 431 & 432)	PSL 250 or 310 or (PSL 431 & 432)	(PSL 310 & 311L) or (PSL 431 & 432 & 475L)	PSL 250 or 310 or 431 or 432
Medical Ethics						
Medical Terminology		KIN 174 ¹ or LB 270 <i>(LB 270 available summers only)</i>				
Microbiology	MGI 201 or MGI 301	MGI 301 & 302	(MGI 201 & 302) or (MGI 301 & 302) or (MGI 365 & 365L)	MGI 201 or MGI 301	(MGI 201 & 302) or (MGI 301 & 302)	(MGI 201 & 302) or (MGI 301 & 302) or (MGI 365 & 365L)

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.8419 • natsci.msu.edu

Requirements/ Additional Info	Central Michigan University	Concordia University	Eastern Michigan University	Grand Valley State University	Lawrence Tech University	Michigan State University
Pathophysiology	BLD 204 ³ or PSL 450 or NUR 301 ³					
Physics				PHY 231 or PHY 221 or PHY 183		
Statistics		STT 200 or STT 201 or STT 231 or STT 421 or PSY 295	STT 200 or STT 201 or STT 231 or STT 421 or PSY 295	STT 200 or STT 201 or STT 231 or STT 315 or PSY 295	STT 200 or STT 201 or STT 231 or STT 421	STT 200 or STT 201 or STT 231 or STT 421 or PSY 295
Highly Recommended				PSL 311L, MGI 302, and ANTR 355 ²	(LB 270 or KIN 174 ¹), (MGI 141 or IBIO 341), (PHL 344 or PHL 442)	
Direct Patient Contact ⁴	Min. 500 hrs (<i>must be paid</i>)	Min. 1000 hrs hands on patient care.	No minimum direct patient care hours, but preference given to those with experience	Min. 500 hrs	Min. 750 hrs. paid direct patient care experience	Not required but encouraged
Minimum GPA	3.0 at time of application 3.0 each prerequisite	3.0 Cumulative 3.0 Prerequisite	3.0 Cumulative 2.7 each prerequisite	3.0 Cumulative 3.0 in last 60 credits 2.0 each prerequisite	3.0 in all prerequisites 3.0 cumulative	3.0 in all prerequisite courses
GRE & PA-CAT	Not required	Not required, PA-CAT Highly recommended	Required- no minimum	Required – no minimum	Accepts either GRE or PA-CAT	Not required
Prerequisite Deadline	Up to two outstanding prerequisites at time of application. All prerequisite coursework must be completed by December 31 st of the application year.	All science prerequisite coursework must be completed by the time of application. Non- science must be completed prior to matriculation.	5 out of 7 prerequisites complete at time of application. All pre- requisites must be completed prior to matriculation	Anatomy, Physiology, Organic Chem, Biochem, & Microbio must be completed prior to application deadline	May have one outstanding prerequisite at the time of application	All prerequisite coursework must be completed by December 31 st of the application year
Website	https://www.cmich.edu/program/physician-assistant	https://www.cuaa.edu/academics/programs/physician-assistant-masters/index.html	www.emich.edu/chhs/hphp/pa/	www.gvsu.edu/pas	https://www.ltu.edu/arts_sciences/naturalsciences/pa-master.asp	https://pa.com.msu.edu

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.8419 • natsci.msu.edu

Pre-Physician’s Assistant Guide

Course Requirements for Michigan PA Schools, Cont’d.

THIS DOCUMENT IS A GUIDE ONLY. Students must consult with a pre-health advisor AND the appropriate PA schools on a regular basis for revisions to prerequisites and to ensure completion of all application 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	Oakland University	University of Detroit Mercy	University of Michigan-Flint	Wayne State University	Western Michigan University
Biochemistry			See organic chemistry	See organic chemistry	BMB 401
Biology					
Chemistry	CEM 141 & CEM 161		CEM 141 or CEM 151	CEM 141	
Organic Chemistry	CEM 143 or CEM 251 or BMB 401		CEM 143 or CEM 251 or BMB 200	CEM 251 or 143 or BMB 200	
Developmental Psychology	HDFS 225, PSY 238, PSY 244, or PSY 344	HDFS 225 or PSY 238	HDFS 225 or PSY 238	HDFS 225 or PSY 238	HDFS 225 or PSY 238
English	WRA 101			WRA & IAH	
Human Anatomy	(KIN 216 ¹ & 217 ¹) or (ANTR 350 & 355 ²)		ANTR 350 or KIN 216 ¹	ANTR 350 or KIN 216 ¹	ANTR 350 or KIN 216 ¹
Human Genetics					
Human Nutrition	HNF 150	HNF 150 or 260 or 310, 311 or 461		HNF 150 or 260	
Human Physiology	PSL 250 or PSL 310	PSL 310 or (PSL 431 & 432)	PSL 250 or PSL 310 or PSL 431 or KIN 210 AND Upper-Level Physiology: KIN 310, PSL 432, IBIO 408, BLD 434, MGI 451 or IBIO 341	PSL 250 or 310 or 431 or 432 or KIN 310 ¹ AND Upper-Level Physiology: KIN 310, PSL 432, IBIO 408, BLD 434, MGI 451 or IBIO 341	PSL 310 or (PSL 431 & 432)
Medical Ethics		PHL 344 or PHL 453 or HPS 334, or ANP 370			
Medical Terminology	LB 270 or KIN 174 ¹ (LB 270 is summer only)		LB 270 or KIN 174 ¹ (LB 270 is summer only)	LB 270 or KIN 174 ¹ (LB 270 is summer only)	
Microbiology	MGI 201 or MGI 301	(MGI 301 & 302) or (MGI 201 & 302)	(MGI 301 & 302) or (MGI 201 & 302)	MGI 301 & 302	(MGI 301 & 302) or (MGI 201 & MGI 302) or (MGI 365 & 365L)

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.8419 • natsci.msu.edu

Requirements/ Additional Info	Oakland University	University of Detroit Mercy	University of Michigan-Flint	Wayne State University	Western Michigan University
Statistics	Any STT or PSY 295	Any STT or PSY 295	STT 200 or STT 201 or STT 231 or STT 421 or PSY 295	STT 200 or STT 201 or STT 231 or STT 421 or PSY 295	STT 200 or STT 201 or STT 231 or STT 421 or PSY 295
Highly Recommended	PHY 221 or PHY 231				
Direct Patient Contact ⁴	Minimum 500 hours before application. Shadowing two PA's is required	Min. 1,000 hrs	Min. 500 hours.	Min. 500 hrs (paid preferred)	Min. 1,000 hrs
Minimum GPA	3.0 Cumulative 3.0 each prerequisites	3.0 Cumulative 3.0 each prerequisites	3.0 Cumulative 2.0 Prerequisite	3.0 Cumulative 3.0 Prerequisite	3.0 Cumulative 2.0 Prerequisite
GRE & PA-CAT	PA-CAT Highly encouraged	GRE Minimum 291 Composite **CASPER EXAM REQUIRED	Not required	GRE Required: Min. 285 Composite and 3.5 writing **CASPER EXAM REQUIRED	Not required
Prerequisite Deadline	All perquisites must be completed at time of application.	Prerequisites must be completed prior to the application deadline.	Prerequisites must be completed prior to the application deadline.	All prequisites must be completed at time of application.	All prerequisites must be completed by December 31 st
Website	https://www.oakland.edu/shs/clinical-and-diagnostic-sciences/master-of-physician-assistant-science/	http://healthprofessions.udmercy.edu/academics/pa/grad.php	https://www.umflint.edu/graduateprograms/physician-assistant-pa	www.pa.cphs.wayne.edu	www.wmich.edu/pa/

¹KIN classes are open to KIN majors only

²The prerequisite to get into ANTR 485 is at least a 3.0 in ANTR 350. Follow instructions listed on Schedule of Courses website regarding application and enrollment instructions for ANTR 355 and ANTR 485.

³NUR 301 is reserved for students in the College of Nursing and students applying to the Accelerated Second-Degree BSN. Students who are not in these programs are encouraged to check CMU's website for equivalencies at other institutions. BLD 204 needs PSL 310 or PSL 431 as a prerequisite. BLD 204 is not open to students with senior status (88 credits or above).

⁴Students must contact individual schools to determine what they consider acceptable as Direct Patient Care. Students should also discuss with schools the deadline for completion of Direct Patient Care hours.

⁵Any of the following immunology courses will fulfill the upper-level physiology requirement for WSU: BLD 434, MGI 451, MGI 409, MGI 413

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.8419 • natsci.msu.edu

Additional Resources:

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

Resources for Pre-PA Students: www.pafocus.org

Physician Assistant Education Association: www.paeaonline.org

PA Program Directory: <http://directory.paeaonline.org/>

Central Application Service for Physician Assistants (CASPA):

[https://help.liaisonedu.com/CASPA Applicant Help Center](https://help.liaisonedu.com/CASPA_Applicant_Help_Center)

Explore Health Careers: www.explorehealthcareers.org

8/24 RMP

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.8419 • natsci.msu.edu