

## 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
<b>Biochemistry</b>	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
<b>Biology</b>				BS 161 & 171		
<b>Chemistry</b>			CEM 141 & 161	CEM 141 & 161 & 142 & 162		CEM 141 <i>Need this or organic chemistry</i>
<b>Organic Chemistry</b>		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
<b>Developmental Psychology</b>	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
<b>English</b>		WRA & Tier II				WRA 101
<b>Human Anatomy</b>	(KIN 216 <sup>1</sup> & 217 <sup>1</sup> ) or (ANTR 350 & 485 <sup>2</sup> ) or (ANTR 350 & 355 <sup>2</sup> )	(KIN 216 <sup>1</sup> & 217 <sup>1</sup> ) or (ANTR 350 & 485 <sup>2</sup> ) or (ANTR 350 & 355 <sup>2</sup> )	ANTR 350 or KIN 216 <sup>1</sup>	(KIN 216 <sup>1</sup> & 217 <sup>1</sup> ) or ANTR 350	(KIN 216 <sup>1</sup> & 217 <sup>1</sup> ) or (ANTR 350 & 355 <sup>2</sup> )	ANTR 350 or KIN 216 <sup>1</sup>
<b>Human Genetics</b>				IBIO 341 or MMG 404		
<b>Human Nutrition</b>						
<b>Human Physiology</b>	(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
<b>Medical Ethics</b>						
<b>Medical Terminology</b>		KIN 174 <sup>1</sup> or LB 270 <i>(LB 270 available summers only)</i>				
<b>Microbiology</b>	MMG 201 or MMG 301	MMG 301 & 302	(MMG 201 & 302) or (MMG 301 & 302) or (MMG 365 & 365L)	MMG 201 or MMG 301	(MMG 201 & 302) or (MMG 301 & 302)	(MMG 201 & 302) or (MMG 301 & 302) or (MMG 365 & 365L)

### **Undergraduate Academic and Student Affairs**

Requirements/ Additional Info	Central Michigan University	Concordia University	Eastern Michigan University	Grand Valley State University	Lawrence Tech University	Michigan State University
Pathophysiology	BLD 204 <sup>3</sup> or PSL 450 or NUR 300 <sup>3</sup>					
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, MMG 302, and ANTR 355 <sup>2</sup>	(LB 270 or KIN 174 <sup>1</sup> ), (MMG 141 or IBIO 341), (PHL 344 or PHL 442)	
Direct Patient Contact <sup>4</sup>	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 <sup>st</sup> 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 <sup>st</sup> of the application year
Website	<a href="https://www.cmich.edu/program/physician-assistant">https://www.cmich.edu/program/physician-assistant</a>	<a href="https://www.cuaa.edu/academics/programs/physician-assistant-masters/index.html">https://www.cuaa.edu/academics/programs/physician-assistant-masters/index.html</a>	<a href="http://www.emich.edu/chhs/html/php/pa/">www.emich.edu/chhs/html/php/pa/</a>	<a href="http://www.gvsu.edu/pas">www.gvsu.edu/pas</a>	<a href="https://www.ltu.edu/arts_sciences/naturalsciences/pa-master.asp">https://www.ltu.edu/arts_sciences/naturalsciences/pa-master.asp</a>	<a href="https://pa.com.msu.edu">https://pa.com.msu.edu</a>

**Undergraduate Academic and Student Affairs**

## 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
<b>Biochemistry</b>			<i>See organic chemistry</i>	<i>See organic chemistry</i>	BMB 401
<b>Biology</b>					
<b>Chemistry</b>	CEM 141 & CEM 161		CEM 141 or CEM 151	CEM 141	
<b>Organic Chemistry</b>	CEM 143 or CEM 251 or BMB 401		CEM 143 or CEM 251 or BMB 200	CEM 251 or 143 or BMB 200	
<b>Developmental Psychology</b>	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
<b>English</b>	WRA 101			WRA & IAH	
<b>Human Anatomy</b>	(KIN 216 <sup>1</sup> & 217 <sup>1</sup> ) or (ANTR 350 & 355 <sup>2</sup> )		ANTR 350 or KIN 216 <sup>1</sup>	ANTR 350 or KIN 216 <sup>1</sup>	ANTR 350 or KIN 216 <sup>1</sup>
<b>Human Genetics</b>					
<b>Human Nutrition</b>	HNF 150	HNF 150 or 260 or 310, 311 or 461		HNF 150 or 260	
<b>Human Physiology</b>	PSL 250 or PSL 310	PSL 310 or (PSL 431 & 432)	PSL 250 or PSL 310 or PSL 431 or KIN 210 <b>AND</b> Upper-Level Physiology: KIN 310, PSL 432, IBIO 408, BLD 434, MMG 451 or IBIO 341	PSL 250 or 310 or 431 or 432 or KIN 310 <sup>1</sup> <b>AND</b> Upper-Level Physiology: KIN 310, PSL 432, IBIO 408, BLD 434, MMG 451 or IBIO 341	PSL 310 or (PSL 431 & 432)
<b>Medical Ethics</b>		PHL 344 or PHL 453 or HPS 334, or ANP 370			
<b>Medical Terminology</b>	LB 270 or KIN 174 <sup>1</sup> <i>(LB 270 is summer only)</i>		LB 270 or KIN 174 <sup>1</sup> <i>(LB 270 is summer only)</i>	LB 270 or KIN 174 <sup>1</sup> <i>(LB 270 is summer only)</i>	
<b>Microbiology</b>	MMG 201 or MMG 301	(MMG 301 & 302) or (MMG 201 & 302)	(MMG 301 & 302) or (MMG 201 & 302)	MMG 301 & 302	(MMG 301 & 302) or (MMG 365 & 365L)

***Undergraduate Academic and Student Affairs***

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 <sup>4</sup>	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 prerequisites must be completed at time of application.	All prerequisites must be completed by December 31 <sup>st</sup>
Website	<a href="https://www.oakland.edu/shs/clinical-and-diagnostic-sciences/master-of-physician-assistant-science/">https://www.oakland.edu/shs/clinical-and-diagnostic-sciences/master-of-physician-assistant-science/</a>	<a href="http://healthprofessions.udmercy.edu/academics/pa/grad.php">http://healthprofessions.udmercy.edu/academics/pa/grad.php</a>	<a href="https://www.umflint.edu/graduateprograms/physician-assistant-pa">https://www.umflint.edu/graduateprograms/physician-assistant-pa</a>	<a href="http://www.pa.cphs.wayne.edu">www.pa.cphs.wayne.edu</a>	<a href="http://www.wmich.edu/pa/">www.wmich.edu/pa/</a>

<sup>1</sup>KIN classes are open to KIN majors only

<sup>2</sup>The 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.

<sup>3</sup>NUR 300 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).

<sup>4</sup>Students 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.

<sup>5</sup>Any of the following immunology courses will fulfill the upper-level physiology requirement for WSU: BLD 434, MMG 451, MMG 409, MMG 413

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**Undergraduate Academic and Student Affairs**

**Additional Resources:**

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

Resources for Pre-PA Students: [www.pafocus.org](http://www.pafocus.org)

Physician Assistant Education Association: [www.paeaonline.org](http://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](http://www.explorehealthcareers.org)