

Pre-Optometry Guide

Course Requirements for Michigan Optometry Schools

THIS DOCUMENT IS A GUIDE ONLY. Students must consult with a pre-health advisor AND the appropriate optometry 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 credit from Advanced Placement and Community Colleges. Students must contact individual schools to verify their requirements.**

Requirements	MICHIGAN COLLEGE OF OPTOMETRY Ferris State University	UNIVERSITY OF DETROIT MERCY
Biochemistry	BMB 200 or BMB 401 or (BMB 461 & 462)	1 course of either Anatomy, Physiology, or Biochemistry
Biology	BS 161 & 171 & 162 & 172 or (LB 145 & LB 145)	BS 161/171 & 162/172 or (LB 144 & LB 145)
Chemistry	CEM 141 & 161 & 142 & 162 or (LB 171/171L & 172/172L)	CEM 141/161 & 142/162 or (LB 171 & 171L & 172 & 172L)
Organic Chemistry	CEM 251 & 252 & 255	CEM 251 & 252 & 255
General Psychology	PSY 101	
Microbiology	(MGI 201 or MGI 301) & MGI 302	MGI 201 or MGI 301
Math	MTH 132 or MTH 124	
Physics	(PHY 231/251 & 232/252) or (PHY 221 & PHY 222) or (LB 273 & LB 274)	(PHY 231/251 & 232/252) or (PHY 221 & PHY 222) or (LB 273 & LB 274)
Statistics	STT 200 or STT 201 or STT 231 or STT 421	
Required if not completing a bachelor's degree	English Comp. (WRA +Tier II writing course) Humanities (Cultural Enrichment) Behavioral Science (Social Awareness)	Bachelor's degree required
Minimum GPA	2.0 in each prerequisite, 3.0 overall	2.0 in each prerequisite, 3.0 overall
Minimum OAT	300 average	300 average in each section
Website	https://www.ferris.edu/optometry/homepage.htm	https://optometry.udmercy.edu/admission/
Highly Recommended Courses	Physiology: PSL 250 or PSL 310 or (PSL 431 & 432) Anatomy: IBIO 320 or IBIO 328 or ANTR 350 Genetics: IBIO 341 Cell Biology: IBIO 425 or HBIO 410 Accounting/Speech/Business: ACC 201, ESHP 190, COM 225	Statistics: STT 200 or STT 201 or STT 231 or STT 421 or PSY 295 Psychology: PSY 101 Microbiology lab: MGI 302

Undergraduate Academic and Student Affairs

Michigan State University • College of Natural Science • Natural Science Bldg • 288 Farm Lane, Room 108 • East Lansing, MI 48824
517.355.4470 • natsci.msu.edu

Additional Resources:

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

Resources for Pre-Optometry Students: <https://optometriceducation.org/>

Association of Schools and Colleges of Optometry: <https://optometriceducation.org/students-future-students/member-schools-and-colleges/>

Optometry College Application Service (OptomCAS): www.optomcas.org/

Explore Health Careers: www.explorehealthcareers.org

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