



MEDICAL SCHOOL

MOLECULAR & INTEGRATIVE PHYSIOLOGY  
UNIVERSITY OF MICHIGAN



## **One-Year Pre-Health M.S. Program in Physiology**

The University of Michigan Molecular & Integrative Physiology's M.S. degree program is designed for students planning to pursue one of the following paths: (1) application to a health professions program such as Medicine, Dentistry, Physician Assistant, or Physical Therapy, (2) application to a doctoral degree-granting program, or (3) employment as a research assistant in academia or industry.

This program has the flexibility to permit a student to pursue either (1) an intensive, course-oriented M.S. degree that will prepare the student for the rigors of health professions graduate programs or (2) an intensive, research-oriented M.S. degree, which will permit the student to explore their interest in research.

Designed to be completed within one year following our established curriculum, the short duration and intensity of the program allow students to demonstrate their motivation and ability to perform at a high level with a challenging workload.

# Application Requirements

All listed metrics are *minimum competitive* scores:

- 1) Science GPA minimum**  
3.0 for Coursework Track  
3.5 for Research Track
- 2) Overall GPA minimum**  
3.0 for Coursework Track  
3.5 for Research Track
- 3) Academic Statement of Purpose**  
500 words, maximum
- 4) Personal Statement**  
500 words, maximum
- 5) Three letters of reference**  
At least two from course professors, including one science professor
- 6) Curriculum Vitae (CV) following our template**  
Available on our website
- 7) All Undergraduate Transcripts**  
Military, two- and four-yr institutions
- 8) Prior completion of all graduate, medical, dental or other professional school pre-requisite courses**  
**Bachelor's degree is required prior to program matriculation.**
- 9) A Standardized Test Score**  
We employ a holistic application review process. Although a standardized exam score (MCAT, GRE, DAT, PCAT, or OAT) is *not required*, this information, if available, adds another data point that might benefit the review of your application.

# Frequently Asked Questions

## What is the class size?

The average incoming class size over the last 5 years has been 32 students.

## I am a non-traditional student. Will I still be eligible for this program?

Yes, as long as you have fulfilled the same prerequisites that are required for entry into professional school (see the Application Requirements section on the left).

## What are some characteristics that set this program apart from other Master's Programs?

- This 10/11-month program provides our students with an introduction to a high-intensity curriculum.
- Our smaller class size encourages teamwork and collaboration.
- Our designated program advisor provides valuable feedback and resources throughout and after the program, assistance with in-progress and future application processes, and interview preparation.

## Does this program offer a guarantee of admissions or interviews to the University of Michigan Medical School (UMMS)?

While there is no guarantee of admissions or interviews with the University of Michigan Medical School, in each of the last five years, several current and former students have interviewed at UMMS.

## Does this program offer any preparation for standardized tests (e.g.: MCAT, DAT, or GRE)?

While you will not receive targeted standardized test preparation in our curriculum, you will be introduced to material commonly tested on these exams along with methods for approaching exam material.

# Post-Program Destinations\*

## Medical Schools

Boston University School of Medicine  
Case Western Reserve University School of Medicine  
Central Michigan University College of Medicine  
Duke University School of Medicine  
Loyola University Chicago, SSOM  
Michigan State University, CHM  
Michigan State University, COM  
Oakland University William Beaumont  
School of Medicine  
The Ohio State University College of Medicine  
Sidney Kimmel Medical College  
Tufts University School of Medicine  
University of California, San Diego  
School of Medicine  
University of Miami, Leonard M. Miller  
School of Medicine  
University of Michigan Medical School  
University of Texas Health Science Center  
at San Antonio  
The University of Toledo College of Medicine and  
Life Sciences  
University of Wisconsin School of Medicine and Public  
Health  
Washington University in St. Louis, SOM  
Wayne State University School of Medicine  
Western Michigan University Homer Stryker M.D.  
School of Medicine

## Dental Schools

Indiana University School of Dentistry  
Midwestern University College of Dental Medicine -  
Illinois  
University at Buffalo School of Dental Medicine  
University of California, San Francisco,  
School of Dentistry  
University of Detroit Mercy School of Dentistry  
University of Michigan School of Dentistry

## Ph.D. Programs

University of Michigan Program in  
Biomedical Sciences  
(Molecular & Integrative Physiology)  
University of Minnesota  
(Integrative Biology and Physiology)  
University of Michigan School of Information

**\*This list is not comprehensive.**

# Lead Program Faculty & Staff



**Amy E. Oakley, Ph.D.**  
Director



**Peggy Zitek, Ph.D.**

- Coordinator of Advising, Professional Development, and Student Affairs
- Assistant Director



**Folaké Graves, M.A.**  
Program Coordinator

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[MSPhysiology@umich.edu](mailto:MSPhysiology@umich.edu)

[Link](#) to Map of Post-Program  
Acceptances

**Applications are  
accepted from  
February 1st  
through May 15th.**

*To be considered during the first review, ALL MATERIALS must be received by 9:00am ET on Monday, February 28, 2022.*

*To be considered during the second review, ALL MATERIALS must be received by 9:00am ET on Monday, March 28, 2022.*

*For INTERNATIONAL applicants and those wishing to be considered during the third review, ALL MATERIALS must be received by 9:00am ET on Monday, April 25, 2022.*

*In order to be considered during the final review, ALL MATERIALS must be received by 11:59pm ET on Sunday, May 15, 2022. No new materials will be accepted after May 15. Updates to previously submitted materials are always accepted.*

*Applications are submitted via the Rackham Graduate School website:  
[www.applyweb.com/apply/umgrad/](http://www.applyweb.com/apply/umgrad/)*

*The application fee for United States citizens and those with permanent resident status is \$75. The fee for all other applicants is \$90.*

*This fee is non-refundable and subject to change.*



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# Pre-Health Master of Science Program in Physiology



**University of Michigan**

**Department of  
Molecular & Integrative Physiology**

**Pre-Health  
Master of Science Program  
in Physiology**

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<http://medicine.umich.edu/dept/molecular-integrative-physiology>