

# Checklist of required application materials for the MS Program in Physiology:

This 4-page document is to be used as a resource for you as you prepare and complete your application. Please download this document for your personal use.

**All materials listed MUST be received by May 15<sup>th</sup>.**

**1. Standardized Test scores. (Must be < 3 years old.)**

**Date Submitted:** \_\_\_\_\_

Self-reported on application but **score sheets must be submitted** to the program [MSphysiology@umich.edu](mailto:MSphysiology@umich.edu).  
*See below for specifics.*

**A) At least one current score from one of the following Standardized Tests (listed with minimum, competitive, scores):**

MCAT: 502

DAT: 17

PCAT: 410 Composite

GRE: 160 Quantitative/155 Verbal

**Requesting Test Scores:**

**GRE, DAT and PCAT** users – request score reports be sent to Institution Code 1839

**DAT** score reports may also be sent to the program via US mail –

M&I Physiology

ATTN: F. Graves – MS Physiol Program

1137 Catherine Street Room 7744 Med Sci II

Ann Arbor, MI 48109

\*DAT scores may be sent with a FedEx tracking number, if the applicant contacts the ADA's DAT reporting office and makes a request.

**MCAT** users – request that AAMC release score reports to the Post-Bacc program "Univ. of Michigan M.S. Program in Physiology."

**B) Applicants from non-English speaking countries MUST provide TOEFL (iBT) scores. (Note: these requirements match the admission requirements for the PIBS program)**

**Date Submitted:** \_\_\_\_\_

Minimum scores for admission:

Reading: 23

Listening: 23

Speaking: 17

Writing: 21

Total: 84

If scores are higher than the minimum, but lower than the following scores, applicants must take the Academic English Evaluation (AEE) exam prior to registration.

**Date Submitted:** \_\_\_\_\_

Reading: 26

Listening: 26

Speaking: 23

Writing: 27

Total: 102

## Checklist of required application materials for the MS Program in Physiology:

### 2. Science GPA minimum, competitive = 3.0 Coursework Track / 3.5 Research Track

**Date Reported:** \_\_\_\_\_

Calculated Science GPA is self-reported on the application; HOWEVER, the corresponding calculation spreadsheet (mentioned below) **OR** a copy of your AMCAS GPA Calculation must be sent to the program ([MSphysiology@umich.edu](mailto:MSphysiology@umich.edu)).

**The AMCAS Verified Grade Point Averages section (including the individual course list) of current AMCAS application forms are acceptable.**

Send, as a pdf file, only the portion of the AMCAS application that calculates grades including the list of courses used in their calculation.

**If you need a GPA Calculator Spreadsheet, it is found in the Applicant Materials folder on M+Box:**

<https://umich.box.com/s/z6hsti638sfy2b3yvzv15ud9m9gqlqb>

**Date Calculation Form Submitted:** \_\_\_\_\_

To calculate your science (BCPM) GPA, please include courses in **Biology** (Ex: anatomy, biology, biophysics, biotechnology, botany, cell biology, ecology, entomology, genetics, histology, immunology, microbiology, molecular biology, neuroscience, physiology), **Chemistry** (Ex: biochemistry, chemistry, physical chemistry, thermodynamics), **Math** (Ex: applied mathematics, mathematics, statistics) and **Physics** (Ex: astronomy, physics) on a 4.0 scale.

*Applications are considered on the whole. While preference will be given to students with GPAs that exceed these minimums, significant upward trends in recent academic performance and/or outstanding post-baccalaureate coursework in science will be considered.*

### 3. Overall GPA minimum, competitive = 3.0 Coursework Track / 3.5 Research Track

**Date Reported:** \_\_\_\_\_

GPAs are self-reported on the application, any and all transcripts (see below) must be sent to Rackham Graduate School, indicating Program 00395 – MS Physiology.

*Applications are considered on the whole. While preference will be given to students with GPAs that exceed these minimums, significant upward trends in recent academic performance and/or outstanding post-baccalaureate coursework in science will be considered.*

### 4. All transcript(s) from military, two, and 4 year institutions.

Community College Transcripts (student copy/unofficial are accepted)

**Date Submitted:** \_\_\_\_\_

Military Transcripts (student copy/unofficial are accepted)

**Date Submitted:** \_\_\_\_\_

Miscellaneous Four Year Institution Transcripts (student copy/unofficial are accepted)

**Date Submitted:** \_\_\_\_\_

#### **Undergraduate Degree Granting Institution Transcripts**

Unofficial "In Progress" are accepted; Official, degree conferred copies must be received from the institution prior to matriculation.

*Graduates of the University of Michigan Ann Arbor do not need to request transcripts.*

**Date Submitted:** \_\_\_\_\_

# Checklist of required application materials for the MS Program in Physiology:

**5. Academic Statement of Purpose.**

Approximately 500 words and uploaded to the online application. **Date Uploaded:** \_\_\_\_\_

The Statement of Purpose should be a concise, well-written statement about your academic and research background, your career goals, and how Michigan's graduate program will help you meet your career and educational objectives. *Upload to your online application.*

**6. Personal Statement.**

**Date Uploaded:** \_\_\_\_\_

Approximately 500 words and uploaded to the online application. How have your background and life experiences, including cultural, geographical, financial, educational or other opportunities or challenges, motivated your decision to pursue a graduate degree at the University of Michigan? *Upload to your online application.*

**7. Three letters of reference.**

**Date Requested:** \_\_\_\_\_

At least two letters from course professors, one of which must be a science course.  
Three letters total, or a committee letter with three or more co-authors is acceptable.  
Medical/dental/graduate school letters of reference are accepted, provided these letters match our requirements.

Letters may be received directly from the following sources:

Directly from the references uploading their letters to your application.

Including the email address for your reference your application will cause the reference to automatically receive a secure link to upload their letter.

Directly from the references emailing their letters to [MSPhysiology@umich.edu](mailto:MSPhysiology@umich.edu).

Through a Letter Service (Examples: Interfolio, UM Reference Letter Service, etc.) emailed to [MSPhysiology@umich.edu](mailto:MSPhysiology@umich.edu).

**Date Letter 1 Received** \_\_\_\_\_

**Date Letter 2 Received** \_\_\_\_\_

**Date Letter 3 Received** \_\_\_\_\_

**(Optional) Date Committee Letter Received** \_\_\_\_\_

**8. A curriculum vitae (CV) that follows our template.**

<https://umich.box.com/s/z6hsti638sfy2b3yvzv15ud9m9gqlqb>

*Upload this document to the online application.*

**Date Uploaded:** \_\_\_\_\_

**9. Determine and indicate your intended track, Research or Coursework, on the application.**

**Date Indicated:** \_\_\_\_\_

**Research Track:** Research Track Applicants must hold a B.S. or B.A. prior to beginning the MS Program.

If you indicate "Research Track" you must also indicate your top three requested mentors (from the Mentors & Projects page) on your online application.

*Competitive Research Track applicants should have a cumulative GPA of 3.5.*

**Coursework Track:** Coursework Track Applicants must hold a B.A. or B.S. degree prior to beginning the MS Program.

## **Checklist of required application materials for the MS Program in Physiology:**

### **10. Target Professional School Pre-Requisites**

**Approximate Date of Completion:** \_\_\_\_\_

All pre-requisites for your target professional school (i.e. Medical, Dental, Graduate) MUST be completed prior to joining the MS Program in Physiology. Each program has its individual requirements. If you have any questions, please talk to your pre-professional advisor and/or the program of interest.

See the following links for examples:

University of Michigan Medical School MD Program –

<https://medicine.umich.edu/medschool/education/md-program/md-admissions>

University of Michigan Medical School MD/PhD Program –

<https://medicine.umich.edu/medschool/education/mdphd-program/mdphd-admissions>

University of Michigan School of Dentistry –

<http://www.dent.umich.edu/admissions>

Program in Biomedical Science (PIBS): University of Michigan Medical School –

<https://medicine.umich.edu/medschool/education/phd-programs/phd-admissions>

### **Updates to application materials are welcome.**

**Information for applicants who are concurrently applying to Medical, Dental or other professional schools/programs and hoping to matriculate the summer following completion of the MS Program:**

**Coursework Track:** In order to be awarded an MS degree in Physiology, coursework track students register for Fall and Winter terms and the Spring Half Term.

All coursework track students begin the program at the beginning of the Fall term. Students must complete the Capstone Project in the Spring Term, which ends at the end of June. This means that planning to enter a program that begins prior to the end of June will require communication with the program directors, if you desire to complete the MS degree requirements. We will work with students whose graduate programs begin in June. Students MUST complete the Capstone Project in order to earn their MS Degree.

**Research Track:** In order to be awarded an MS degree in Physiology, research track students register for Fall and Winter terms and Summer Half Term, which ends in late August. Students are working in the lab during the Spring Half Term, but are not paying tuition at this time. Research students must complete a minimum of 11 months in a laboratory (with typically 1 additional month to write and present the final project) to be awarded the MS degree. If a student arranges to start in their lab prior to the Fall Term, they may be able to finish the program earlier. Examples of early start dates for research are July 1 (can then be finished by mid-June) or Aug. 1 (can then be finished by mid-July).

Office of the Registrar's Academic Calendars:

<http://ro.umich.edu/calendar/>