

# M.D./Ph.D. Program Handbook and Policies

Academic Year 2024-25



Eligibility  
Guidelines for  
the M.D./Ph.D.  
Program



Academic  
Performance  
Guidelines for  
the Program



Financial  
Support  
Eligibility



**WAYNE STATE**  
School of Medicine



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## History of the School of Medicine

Wayne State University's [story began in 1868](#), when five physicians who witnessed the crude medical treatment on Civil War battlefields committed themselves to advancing health education and care in Detroit. They founded the Detroit Medical College, the founding college of what today is known as Wayne State University, and which has since transformed into our School of Medicine. The university's and the School of Medicine's commitment to recruiting individuals regardless of gender, ethnicity, religious belief or sexual orientation is a core component of its longstanding mission. The first African-American to receive a medical degree from the school was Joseph Ferguson in 1869; its first female physician graduates were Anna Rankin in 1881 and Lucy Utter in 1882.

## Background of M.D./Ph.D. Training at Wayne State University

WSU has a 40-year history of training M.D./Ph.D. students. Between 1978 and 2002, this ad hoc program graduated 24 students who received both their medical and doctoral degrees, most often in a discontinuous process of completing one degree before seeking the second degree.

Our formal M.D./Ph.D. program was approved by the university's Board of Governors in 2003, and has since graduated 36 students under the joint-degree program. It is entirely funded by the School of Medicine and Medical Alumni philanthropy. The inaugural 2003 entering class of four students received their M.D./Ph.D. degrees in 2011-2012. Between 2003 and 2017, the program received internal funding to recruit up to four students annually. In 2017, the university president approved funding for the annual recruitment of up to six students. Continuing with the 2003 recommendation by the Board of Governors, recruitment to the program is not limited to the School of Medicine for doctoral research training, but is open to all doctoral degree programs that actively conduct biomedical-related research in any of the university's schools and colleges. To date, M.D./Ph.D. recipients have completed dissertation research in the School of Medicine, the College of Engineering, the Eugene Applebaum College of Pharmacy and Health Sciences, and at Henry Ford Health.

Since 2011, all of our M.D./Ph.D. alumni have matched in top residency programs. They have gone on to careers in medicine, academia and industry. Nearly half of our alumni that have completed residency and fellowship training have academic appointments as practicing physician-scientists. (See Appendix for listings)

## Wayne State University School of Medicine

The School of Medicine is comprised of basic science and clinical science departments. Our faculty and students are dedicated to making a measurable impact in communities in Detroit and around the world.

As of 2023, U.S. News and World Report names the Wayne State University School of Medicine a Top 100 medical school for research in its annual Best Medical Schools



rankings. The magazine ranks the School of Medicine 71st for research, 88th for primary care, 33rd for diversity and 22nd for the most graduates practicing in medically-underserved communities.

## Current Research Environment

The [School of Medicine's Office of Research](#) supports and promotes basic, clinical and translational investigation in the School of Medicine through strategic planning, maintaining research infrastructure and policy development.

The [School of Medicine is home to many innovative centers and institutes](#), including the Barbara Ann Karmanos Cancer Institute, the C.S. Mott Center for Human Growth and Development, the Center for Molecular Medicine and Genetics, and many more.

The Wayne State University School of Medicine, recognized as the Carnegie Foundation's best in research and engagement, is renowned for innovation, including:

- Birthplace of AZT, first FDA-approved drug to treat AIDS
- First use of a mechanical heart pump in open-heart surgery
- Development of optogenetic technology, a novel strategy for vision restoration
- A cost-effective way to screen expectant mothers at risk of preterm birth and method to reduce the risk of preterm birth by 40 percent

Known nationally for biomedical research, the School of Medicine is the No. 2 ranked medical research institution in Michigan by U.S. News and World Report. Students and faculty work on interdisciplinary teams in myriad settings to investigate and develop techniques, technologies and processes that better serve residents. In 2022, School of Medicine clinical research awards totaled more than \$189 million.

The Wayne State University School of Medicine continues its rise nationally in National Institutes of Health medical research funding. The Blue Ridge Institute for Medical Research, which provides an annual ranking of NIH funding to medical schools and individual departments, places the WSU School of Medicine 73rd nationally and second in Michigan among medical schools securing NIH grant funding in 2022, with a total of \$68,153,352.

## Mission

The M.D./Ph.D. program at Wayne State University is designed to recruit, retain and prepare a diverse cadre of clinician-scientists for innovative and productive careers in biomedical research as well as in exceptional clinical care. Our program is broadly based in the biological, computational, engineering and behavioral sciences so that applicants with diverse educational backgrounds can converge in a learning and training environment that blends their respective skills into a multidisciplinary-based foundation of clinically-relevant knowledge. Notably, the program is aligned with the strategic plans



of both the university and the School of Medicine in its emphasis on clinical research and translational science, and its goals fit the strategic priorities for funding established by the NIH.

Our program's overarching objective is to provide M.D./Ph.D. students with a structured academic community along with career building and mentored clinical and fundamental research experiences that enables each student to learn and to develop the necessary skills to become a successful clinician-scientist. Our goal is to meet the individual needs of each student and provide the skills needed to conduct independent biomedical research and a firm clinical foundation for residency, fellowship and/or postdoctoral training.

## **M.D./Ph.D. Program Description**

The development of the M.D./Ph.D. program is based on three areas of training: pre-clinical, clinical and research. It is expected that upon completion of the program graduates will receive both degrees and be competent or show mastery in these training areas:

- Pre-Clinical Training
  - (i) Assessed by course evaluations and examinations of the M1 and M2 years as well as passing USMLE Step 1
- Clinical Training
  - (i) Assessed by examinations of clinical exercise, clinical evaluations, clerkship rotations, electives, clinical knowledge and skill exams during the M3 and M4 years, clinical experiences during the Ph.D. years, and passing USMLE Step 2
- Research Training
  - (i) Assessed by course examinations, qualifying examinations and successful defense of the dissertation

## **M.D./Ph.D. Program Overview**

### **Figure 1 (page 8)**

#### **Overview of M.D./Ph.D. Timeline and Curriculum**


Figure 1 provides a comprehensive timeline of the medical and graduate phases of the M.D./Ph.D. program.

- The 18-month Medical School Pre-clinical Phase (M1, M2)
- The four-year (occasionally three- or five-year) Graduate School years (G1-G4+)
- The two-year Medical School Clinical Phase (12-month M3 and 15-month M4)

The total length can vary from seven to nine years based on if students have had prior coursework or laboratory experience to allow for completion of the Ph.D. in three

# Wayne State University School of Medicine

## Medical Doctor/Ph.D. curriculum 2024-25

Year	July	August	September	October	November	December	January	February	March	April	May	June			
<b>M1</b>	<b>M1 Segment 1: Normal Structure and Function</b>									<b>M2 Segment 2: Abnormal Structure and Function</b>					
	Human Body Foundations I			Human Body Foundations II			Human Body Foundations III			Human Disease Foundations I					
	Population, Patient, Physician and Professionalism 1									Population, Patient, Physician and Professionalism 2					
	Service Learning 1									Service Learning 2					
	Clinical Skills 1									Clinical Skills 2					
	Electives						Clinical Experiential Course (Primary Care Clinics)			STEP 1 Preparation					
<b>M2</b>	<b>M2 Segment 2 (continued): Abnormal Structure and Function</b>									<b>Graduate Year 1</b>					
	Human Disease Foundations II			Human Disease Foundations III						Research Rotations					
	Population, Patient, Physician and Professionalism 2 (continued)														
	Service Learning 2 (continued)												STEP 1 Enhancement Course		
	Clinical Skills 2 (continued)												Take and Pass STEP 1		
	Clinical Experiential Course (Primary Care Clinics) (continued)														
STEP 1 Preparation (continued)															
<b>G1</b>	<b>Graduate Year 1 (continued)</b>														
	Research Rotations (through mid-August)			Join Ph.D. Program (start mid-August)											
<b>G2 to G3</b>	<b>Graduate Years 2-3</b>														
	Lab Research														
	Bench-to-bedside														
	Integrated Clinical Experience														
<b>G4</b>	<b>Graduate Year 4</b>									<b>M3 Segment 3: Clerkships</b>					
	Lab Research									Clerkship Rotations					
	Bench-to-bedside									Clinical Reasoning, Integration, Skills for Practice (CRISP)- Longitudinal					
	Integrated Clinical Experience														
	Dissertation and Defense (by mid-February)														
<b>M3</b>	<b>M3 Segment 3 (continued): Clerkships</b>									<b>M4 Segment 4: Post-Clerkship</b>					
	Clerkship Rotations (continued)									Clinical Rotations					
	OB/GYN • Pediatrics • Psychiatry • Neurology • Family Medicine • Surgery • Internal Medicine									Clinical Reasoning Using Integrated Skills in Education (CRUISE)- Longitudinal					
<b>M4</b>	Clinical Reasoning, Integration, Skills for Practice (CRISP)- Longitudinal (continued)									Teaching and Learning in Medical Education (TLMed)- Longitudinal					
	<b>M4 Segment 4 (continued): Post-Clerkship</b>									Residency Preparation 					
	Emergency Medicine Core Clerkship • One Acting Internship (Family Medicine, Internal Medicine, Pediatrics) • STEP 2 Preparation • Seven Electives (Home, away, independent, research, and one online) • Clinical Electives (one required each term)														
	Clinical Reasoning Using Integrated Skills in Education (CRUISE)- Longitudinal (continued)														
Teaching and Learning in Medical Education (TLMed)- Longitudinal (continued)															





years or in the latter case for those needing more time to complete the thesis based on individual goals or breadth of studies.

Transition checklists are provided for both entering the Graduate School years and graduating and re-entering Medical School Year 3 (See Appendix).

## Orientation

The School of Medicine will contact you and provide a packet of information advising you about registration and orientation week, which is scheduled in late June/early July. Included in the information packet are forms that must be filled out by your physician, including verification of proof of a TB test and that you have been vaccinated against hepatitis B as well as various antibody titers demonstrating proof of immunity. The following link gives access to the M.D. Handbook and Policies, along with other university resources: [med.wayne.edu/studentaffairs/facilities-support](https://med.wayne.edu/studentaffairs/facilities-support).

There is also a Graduate Student Orientation that students will attend once they are ready to transition to G1 at the end of August. That information will be provided to students by the Office of Biomedical Graduate Programs when that time comes. The following link offers access to the Graduate Student Handbook, along with other graduate student resources: [gradprograms.med.wayne.edu/formsandguides](https://gradprograms.med.wayne.edu/formsandguides).

## Programs Attended by All M.D./Ph.D. Students (Year-Round)

Throughout all years in the program there will be integrated programming that applies to all students. This involves opportunities to present research work, seminar series, and social and career development events such as alumni events. The following is a list of programming that applies to students annually in all cohorts (M1-M4 and G1-G4+)

- Weekly “Bench-to-Bedside” Seminar Series (runs September-April with mandatory attendance)
- Career Development Activities
- Biomedical and clinical research seminars given by interdepartmental faculty and guest speakers
- Annual M.D./Ph.D. Research Retreat
- Oral presentations by M.D./Ph.D. students in Graduate School years
- Integrated Clinical Experiences (ICE)
- Social events for M.D./Ph.D. students
- Attend faculty meet-and-greet sessions during orientations
- Networking events with alumni and/or residency Program Directors
- Opportunities to present research or scientific topics orally or in poster format
  - Graduate Student Research Presentation Day



- Graduate Student Research Symposium
- Medical Student Research Day
- Graduate Program-Specific Research Day (i.e., Cancer Biology Research Retreat, Vision Research Workshop)

## Research Rotations

The objective of research rotations is for M.D./Ph.D. trainees to gain knowledge of the available research options among graduate faculty, and to help trainees find a research mentor whose research interest, laboratory environment and personality match with those of the trainee.

Students in the program have an option to start with an ~eight-week research rotation before the start of the M.D. program of the matriculating year. This rotation begins in May and ends before the start of M1, which begins in early July. If students do not participate in a research rotation before the start of the M1 curriculum, rotations will be completed following the end of the M2 curriculum and subsequent passing of the USMLE Step 1 exam.

Throughout the course of the M1 and M2 curriculum, students have the opportunity to meet with research faculty representing the various graduate programs in the School of Medicine, as well as to interact with other M.D./Ph.D. students and graduate students to learn about research opportunities in the school. Finally, an annually-updated list of faculty who are willing and able to take on graduate students will be provided to the cohort of M.D./Ph.D. students.

All M.D./Ph.D. students must successfully complete the USMLE Step 1 exam by the end of February. Upon completion of USMLE Step 1, students take an official Leave of Absence from the School of Medicine and are subsequently enrolled in the Graduate School before undertaking research rotations. During this time, students should complete two ~eight-week rotations and occasionally may choose to complete a third rotation.

## Rotation Advisory Committee

The Rotation Advisory Committee is made up of the M.D./Ph.D. Program Director and the student representatives of the rotations committee coordinator and graduate representative. Graduate officers of individual Ph.D. programs may also be consulted. The Rotation Advisory Committee is responsible for providing students a list of faculty members who are willing and able to take on a graduate student (updated yearly in October). This committee can assist students with meeting these faculty members during the M1/M2 years, if needed. This facilitates student exposure to many potential research mentors during the first two years of the program. Following completion of USMLE Step 1, M2 students are required to meet with this committee to finalize a plan for rotations.

At the end of each rotation, the mentor will complete a [Rotation Evaluation Form](#) and submit it to the M.D./Ph.D. director. Students can choose to pursue dissertation research with a specific mentor at the end of the second research rotation, with approval from the Program Director. An optional third rotation can be selected; however, students must choose the research laboratory and their graduate program by the beginning of the Graduate School academic year (late August).

## ■ Didactic Components

### ■ Medical Year 1 (M1) and Medical Year 2 (M2)

In July of M1, students begin the traditional M.D. curriculum. M.D./Ph.D. supplemental activities (listed previously under Programs Attended by All M.D./Ph.D. Students) continue throughout both academic years, except for during dedicated study time for USMLE Step 1 for M2 students.

Students must take the USMLE Step 1 examination at the end of the M2 curriculum by the deadline set for their matriculating class. Students must pass this test before they can start graduate training.

## ■ Ph.D. Training (Years 3-5+)

M.D./Ph.D. students begin their graduate coursework and research projects by the fall of Year 3 (G1). Individual student progress is reviewed by the research mentor, Graduate Program officer, the Dissertation Committee and the M.D./Ph.D. Program Director.

All M.D./Ph.D. students matriculate into their respective graduate programs with 30 credits from their completed two years in the M.D. curriculum. In order for these credits to transfer toward their graduate degree they must do the following:

- Complete a Transfer of Credit Form
- Complete a Plan of Work Form

Forms can be accessed at: [gradprograms.med.wayne.edu/formsandguides](https://gradprograms.med.wayne.edu/formsandguides)

This portion of the training is flexible but is expected to be completed in three to four years. For more information on the details of the graduate curriculum, see the “Graduate Curriculum” section. Students are expected to complete all graduation requirements for the Ph.D. program and all M.D./Ph.D. requirements, including the Integrated Clinical Experience, before proceeding to the final portion of their clinical training.

## ■ M3 and M4

Students return to the M.D. curriculum in March of the year they successfully complete their Ph.D. thesis defense. M.D./Ph.D. students can choose their clinical rotation site as long as they notify administration within a minimum of 2 months before the start date and will be placed on their rotation schedule by the M.D. administrators.



Students must complete all other requirements of the M3/M4 M.D. program and pass USMLE Step 2 by the deadline given for the M4 class.

Students may opt to use elective months as Integrated Research Experience during the M4 clinical training years. These elective months can be used to pursue new clinical research experiences or to follow up on thesis research and publications.

Both the M.D. and Ph.D. degrees will be conferred simultaneously upon successful passage of all M.D./Ph.D. degree requirements.

## Application Process, Timeline, Interview Process, Acceptance Profile

### Application Process

- All applications to the WSU School of Medicine, both M.D. and M.D./Ph.D., are initially received by the Admissions Office ([med.wayne.edu/admissions](http://med.wayne.edu/admissions)) using the AMCAS application service ([aamc.org/students/mcat/start](http://aamc.org/students/mcat/start)). Make certain to check the “Combined Medical Degree/Ph.D. box.” M.D./Ph.D. applications are specific to the combined degree program. In order for an applicant to the M.D./Ph.D. program to be evaluated for the M.D.-only program, the applicant must change the application status in the AMCAS system.
- Write a clear and concise statement describing your personal motivation and interest in both research and medicine, and why you see the combined M.D./Ph.D. degree as the vehicle for your career development.
- Provide three letters of recommendation that refer to your academic contributions (not just your ranking among all students in a given course). At least one letter should be from a research advisor who can comment on your contributions to the research you were involved in.
- Include complete citations for any published research and/or presentations you made at scientific meetings.
- Applications to the M.D./Ph.D. program are forwarded to the M.D./Ph.D. Office and are reviewed and evaluated independent of the M.D. Admissions Office.
- Application reviews begin in late July.

### Application Deadline

Completed applications for the M.D./Ph.D. program must be received by Nov. 1.

### M.D./Ph.D. Application Timeline

AMCAS application opens: May preceding the year of expected entry

Applicants interviewed: October-December

Applicants revisit program(s) to decide where to matriculate: February-March

Final decisions sent to applicants: December-March

M.D./Ph.D. programs start: May-July

## ■ Interviews and Notification

The M.D. interview process is separate from and different than the M.D./Ph.D. interview process. M.D. interviews are virtual and typically can begin in August and be scheduled throughout any given week. M.D. interviews include:

- Five multiple mini interviews (MMIs)
- A one-on-one interview with a School of Medicine faculty member
- A one-on-one interview with a medical student

Within a month after your M.D. interview, you will receive a status notification (acceptance or alternate/wait listed\*).

\*Note: M.D./Ph.D. applicants are often notified that they have been “wait listed” or placed in an “alternate” status following the completion of the M.D. interview. This does not mean your application is not acceptable. It simply allows the M.D./Ph.D. interview process to catch up to the accelerated M.D. application process.

M.D./Ph.D. program interviews are usually scheduled for a Monday. Applicants are offered a number of dates to select from to schedule their campus visit. The M.D./Ph.D. program hosts four to five applicants for each of these in-person interview visits. Applicants are offered free hotel accommodations. Typical in-person interviews consist of a casual Sunday evening dinner hosted by two current M.D./Ph.D. students. This dinner meeting is not an evaluation component of the application process. The Monday schedule has two separate one-on-one 45-minute interviews with a faculty member and a current M.D./Ph.D. student in the morning and afternoon, separated by a group lunch. The M.D./Ph.D. Program Director presents a detailed program overview and addresses questions from the applicants during the afternoon exit meeting. The M.D./Ph.D. interview is scheduled to end between 3:30 and 4 p.m. to accommodate subsequent applicant travel arrangements.

The initial M.D./Ph.D. interview process usually begins in September and is completed by late December. In each of the last five years, the program has interviewed 40 to 45 applicants per year. Based on the applicants’ research experience, academic success and interview evaluations, between 12 and 15 applicants are invited back to campus for a second visit with three to five faculty members whose self-described research or thematic research area is of interest to the applicant.

## ■ Letter of Offer: Notification of Admission

Applicants will be notified of the application decision and position in the program via email from the M.D./Ph.D. Program Director.

Admission to the School of Medicine is independent of admission to the M.D./Ph.D.



program. Acceptance into the M.D. program does not indicate that the student has been admitted into the M.D./Ph.D. program. Only notification from the M.D./Ph.D. Program Director indicates admission into the dual-degree program. However, students may elect to matriculate into the M.D.-only program if they do not receive admission to the M.D./Ph.D. program. For M.D./Ph.D. applicants to be considered for admission to the M.D.-only program they must change their AMCAS application status from dual degree status to M.D.-only status. After matriculating into the M.D. program, students still can apply to enter the M.D./Ph.D. program, but only after completion of M1 and M2, and successful completion of the USMLE Step 1 exam. Applicants must contact the Program Director directly early during their M1 year for more information regarding this process.

## Five-Year Application/Acceptance Profiles

Since 2018, the M.D./Ph.D. program has averaged 105 applications per year (below, #1). Approximately 19 are received from applicants who received their baccalaureate degree from a Michigan institution, with the remaining 86 from applicants who received their baccalaureate degree from non-Michigan institutions. The average grade-point for the total applicant pool has been approximately 3.56 and the average MCAT score was 508 (below, #2).

The program invites an average of 44 applicants for interviews. The average GPA for interviewed M.D./Ph.D. applicants has been 3.66, and the average MCAT has been 512 (below, #3). The M.D./Ph.D. program averages 10 to 14 offers extended to interviewed applicants per year, with between five and six students enrolled annually (below, #4).

### 1. Number of Applications Received

	Total Applications	Michigan	Non-Michigan	Male	Female	URM
<b>Average</b>	105	19	86	52	53	19.4
<b>Range</b>	77-125	16-27	59-109	44-65	33-71	18-30

### 2. Average GPA and MCAT for All Applicants

	Total Applications	Average GPA	Average MCAT
<b>Average</b>	105	3.56	508
<b>Range</b>	77-125	3.21-4.0	495-525



### 3. Average GPA and MCAT for Interviewed Applicants

	Total Interviews	Average GPA	Average MCAT	Average GPA Range	Average MCAT Range
Average	44	3.66	512	3.13-4.0	508-524

### 4. Average GPA and MCAT for Enrolled Students

	Total Enrolled	Average GPA	Average MCAT	Average GPA Range	Average MCAT Range
Average	5.5	3.67	512	3.56-3.99	504-522

Learn more about the enhanced, experiential and exceptional curriculum [Highways for Excellence](#).

## M.D./Ph.D. Curriculum

### Pre-Clerkship Phase

The Pre-Clerkship phase of the curriculum is aimed at facilitating self-directed learning, early clinical experiences and opportunities to apply classroom learning within clinics and in the community. To give students an even greater start, we align the Pre-Clerkship curriculum to best take advantage of cadaver dissection opportunities for additional hands-on experience.

Beginning in April 2021, we rolled out a new curriculum structure that continues to follow a similar systems-based model that we first implemented in 2018 while creating better opportunity for assessment and remediation, and integrated break periods to facilitate student well-being.

Segment 1 and 2 consists of three 12-week course blocks that follow a systems-based model to explore the normal and abnormal structure and function of the human body (See below). Content in each course is delivered via asynchronous lecture, synchronous small-group problem-based and case-based learning, as well as laboratory experiences.

Students can expect to see the respective disciplines integrated in the following courses:

- **Human Body/Disease Foundations I**  
Foundations content and Musculoskeletal, Peripheral Nervous System
- **Human Body/Disease Foundations II**  
Cardiopulmonary, Gastrointestinal, Renal and Urinary Systems
- **Human Body/Disease Foundations III**  
Reproductive, Endocrine and Central Nervous System



Students will experience longitudinal coursework that is complementary to the normal/abnormal structure and function courses. Longitudinal courses expose students to hands-on, real-world experiences and opportunities that help develop them into holistic physicians. The following longitudinal course threads span the entirety of each segment and are broken into 12-week course blocks that align with the Human Body/Disease courses.

- Clinical Skills
- Population, Patient, Physician and Professionalism
- Service Learning
- Clinical Experiential Clerkship (Segment 2 only)

### ■ Segment 1

This segment is centered on the navigation through normal structure and function of the human body with an integrated anatomic cadaver dissection experience. Our systems-based curriculum presents the anatomy, physiology, biochemistry, histology and genetics of each organ system, correlated with anatomic dissection. Clinical education is also correlated with each system, as are the physical exam and history exercises, and instruction in the clinical skills course align with the system taught in the basic science portion.

### ■ Course Schedule Overview: Segment 1 “Fundamentals of a Healthy Patient”

#### Block 1 (July-September)

- Human Body Foundations I
- Clinical Skills 1A
- Population, Patient, Physician and Professionalism 1A
- Service Learning 1A

#### Block 2 (October-December)

- Human Body Foundations II
- Clinical Skills 1B
- Population, Patient, Physician and Professionalism 1B
- Service Learning 1B

#### Block 3 (January-March)

- Human Body Foundations III
- Clinical Skills 1C
- Population, Patient, Physician and Professionalism 1C
- Service Learning 1C

## ■ Segment 2

The second segment is concentrated on the abnormal structure and function of the human body and follows a systems-based model. Clinical instruction is centered upon the clinical experiential clerkship course, during which each student is paired with a preceptor in community practice. This real-patient experience is integrated with further instruction in clinical skills and regional/focused physical exam in the Skills Center.

Course Schedule Overview: Segment 2 “Fundamentals of Human Disease”

### Block 1 (April-June)

- Human Disease Foundations I
- Clinical Skills 2A
- Population, Patient, Physician and Professionalism 2A
- Service Learning 2A

### Block 2 (July-September)

- Human Disease Foundations II
- Clinical Skills 2B
- Population, Patient, Physician and Professionalism 2B
- Service Learning 2B

### Block 3 (October-December)

- Human Disease Foundations III
- Clinical Skills 2C
- Population, Patient, Physician and Professionalism 2C
- Service Learning 2C

### Block 4 (January-March)

- Dedicated Step 1 Preparation (six weeks)
- Electives (four weeks)
- Clerkship Preparation (three weeks)

## ■ Segment 1 and 2 Elective Courses

Students in good academic standing may choose to apply to and enroll in one elective during each segment. Elective courses run October through March for Segment 1 and July through December for Segment 2. The following five electives are offered in the Pre-Clerkship phase:

- Basic Science and Clinical Research
- Community Engagement



- Medical Political Action and Public Health Leadership
- Medical Education Research
- Business of Medicine (Segment 1 only)

## ■ Clerkship Phase

### ■ Segment 3: Clerkship phase

This curriculum phase of study is defined as the 12 months of core clerkship courses, including orientation weeks, helping with the transition to clerkships, and a longitudinal course called Clinical Reasoning, Integration and Skills for Practice (CRISP). Students are assigned to faculty coaches to aid and assist in the student growth in clinical mastery.

### ■ April to March (48 weeks)

- Internal Medicine (12 weeks)
- Surgery (12 weeks)
- Pediatrics (six weeks)
- Obstetrics and Gynecology/Women's Health (six weeks)
- Family Medicine (four weeks)
- Psychiatry (four weeks)
- Neurology (four weeks)
- CRISP (longitudinal throughout the 48 weeks)

### ■ Clinical sites

- Ascension St. John
- Beaumont/Oakwood Dearborn
- Detroit Medical Center
- Henry Ford
- Michigan Health Professionals
- Trinity
- Veterans Affairs

### ■ Overall clerkship focus

The core clerkships cover the basic specialties, but in each the student learns the basics of patient care and clinical skills. Each clerkship exposes the student to a different set of patients and diseases, in addition to the different aspects of specialty care. The student will have the same clinical responsibilities and goals in each clerkship, but will grow them a little differently in each clerkship. In addition to providing experience, exposure and

instruction in the commonly seen clinical diseases in primary care and general medicine, the student is exposed to specialty areas that will help in the career planning for the next phase of training.

## ■ **Post-Clerkship Phase:**

### ■ **Segment 4: Post-Clerkship phase**

The Post-Clerkship Phase is vitally important for the completion of medical school training, particularly for:

1. Deciding upon a specialty and residency
2. Gaining further skills and experience in selected specialties to help students in applying for residencies (letters of recommendation)
3. Gaining experience in the care of critically-ill patients, especially in emergency medicine
4. Developing the teaching skills required of a physician
5. Experience and knowledge in a variety of medical specialties and settings, and to become a lifelong learner
6. To practice in an inter-professional environment

### ■ **Curriculum Schema**

The expanded fourth year of medical school consists of 14 months. Courses are one calendar month or, in some cases, two weeks. Rotations at other institutions and independent electives are supported and encouraged.

April through the following May (14 months)

- Emergency Medicine
- Step 2 Prep
- Sub-internship
- Intensive Care Physiology
- Elective (3x)
- Interviews
- Interview Vacation
- Elective/Research (2x)
- Medical Education
- Clinical Elective
- Residency Preparation
- Doctoring is Teaching: Student Educational Experience (longitudinal throughout the 14 weeks)



Students will schedule courses in February to complete 14 months of education.

1. Required coursework
  - a. Emergency Medicine core clerkship
  - b. Sub-internship with competency-based assessment of clinical skills
  - c. Step 2 CK prep course (dedicated study)
  - d. Residency prep month (in the spring)
2. Core electives
  - a. Medical education experience (as near-peer instructor)
  - b. Critical care
3. Vacation and residency interview months
  - a. Vacation
  - b. Residency interviewing
4. Specialty-specific clinical electives and sub-internships
  - a. One to four months depending upon specialty
5. Electives
  - a. Additional electives to complete required 14 months

The expanded Post-Clerkship Phase contains flexibility, including supporting research rotations, independent study and student-specific programs, in addition to the required core rotations.

## ■ **Ph.D. Curriculum**

For a complete checklist to assist in the M2-to-Ph.D. transition, see the Appendix

## ■ **Graduate Program Enrollment**

The student will apply and enroll in the graduate program of his/her research mentor in the fall of the academic year following successful passage and submission of the report for USMLE STEP1 to the M.D./Ph.D. program manager. See below for Graduate Program Curriculum.

[gradschool.wayne.edu/admissions/domestic-process](https://gradschool.wayne.edu/admissions/domestic-process)

**Step 1:** Complete a graduate admissions application

**Step 2:** Pay the non-refundable \$50 application fee

**Step 3:** Submit any additional materials (send official transcript to Graduate Admissions)

**Step 4:** Check your application and admission status



## Leaves of Absence M.D. Program

Students in the non-integrated version of the M.D./Ph.D. program need to provide an annual communication to the dean of Student Affairs to indicate they intend to continue another year. The office will process an official Educational Leave of Absence with Enrollment Management and the student will receive an official letter. Students in the integrated program do not need an official status renewal, only the update from the M.D./Ph.D. program manager that they are continuing to be out for their Ph.D.

## Graduate Program Curriculum

Trainees will begin the traditional G1 year in the fall of their third year in the M.D./Ph.D. program and attend orientation with the incoming Ph.D. cohort in August (third Thursday).

Trainees will follow the regular course requirements of their graduate program. Requirements for individual graduate programs vary and are listed in detail on each department's website.

In short, the basic requirements are to pass courses required by the Ph.D. program, per the requirement of the specific graduate program, alongside traditional graduate students in that program. The M.D./Ph.D. student will be tested, assessed and evaluated in the same manner as traditional graduate students, with one exception: instead of completing the program-specific written preliminary examination portion of the Ph.D. qualifying exam, M.D./Ph.D. students are allowed to use the USMLE Step 1 exam as a substitute. Specifically, successful passage of USMLE Step 1 will satisfy the Graduate School's requirement for the written component of the Ph.D. Qualifying Examinations. Thus, M.D./Ph.D. students will not be required to take the department or program-specific written preliminary exam in any graduate program, other than in Medical Physics (this exception relates to the uniqueness of the subject material of that program, which is not adequately covered by the M1/M2 pre-clinical education), Physiology and programs in the College of Engineering.

The Graduate School continues the requirement for a program-specific oral examination of all Ph.D. candidates, and such exam will be required of M.D./Ph.D. candidates as well. At the discretion of the graduate program, and with the agreement of the M.D./Ph.D. Program Director, if it is felt that an individual student requires remediation in any specific area, that student may be asked to take supplemental courses and could be tested on that supplemental material by the graduate program.

In addition, students will be allowed to transfer up to 30 credits from the pre-clinical curricular courses and from coursework from other accredited graduate programs in partial fulfillment of the total credits required to qualify for the doctoral degree.\*



\*Note: students may only hold one enrollment at any given time at Wayne State University, i.e. you can only be enrolled in either the School of Medicine or Graduate School at one time. Therefore, Ph.D. graduate courses cannot be completed as electives during the medical years of training.

A link to Biomedical Graduate Programs and the corresponding Graduate Program officers can be found at the following link: [gradprograms.med.wayne.edu/programs](https://gradprograms.med.wayne.edu/programs)

## **Dissertation Research with Research Mentor**

Trainees will work on their research projects for their dissertation in the laboratory of their research mentors. Following successful completion of all graduate program and Graduate School requirements, and upon approval by their dissertation committee, students will also write and successfully defend their dissertation before entry into M.D./Ph.D. year six/seven (traditional M3 year of Medical Education).

Training didactics required of all M.D./Ph.D. students in the Ph.D. years:

- Course - Essential Research Practices: Responsible Conduct of Research [GS0900]
- Seminar - Bench-to-Bedside [MDR 7110]
- Submission of an annual Individual Development Plan to track your current progress in the Ph.D. years and timeline for dissertation defense is required of all Ph.D. students. More information is available for the [annual review/Individual development plan for Ph.D. students](#).

## **Grant Writing Requirements**

M.D./Ph.D. students are required to submit an F30 (M.D./Ph.D. student-specific) or F31 (Ph.D. student-specific) fellowship training grant by the end of the grant application cycle following G1. Deadline dates are April 8, Aug. 8 and Dec. 8 each year.

Grant-writing workshops are available through various graduate programs and are required by specific programs. If an F30/31 application is unsuccessful, a foundational grant will also serve to fulfill this requirement, however F30/31s are strongly encouraged.

In order to start this process, a student will have to generate an eRA Commons account with the National Institutes of Health, which can be found at the following link: [public.era.nih.gov/commons](https://public.era.nih.gov/commons). Students should contact Wayne State University School of Medicine's RAS office for help/assistance with the grant application (1261 Scott Hall or [ras@med.wayne.edu](mailto:ras@med.wayne.edu).)

## **Grant Incentives and Supplemental Coverages**

Students who apply for an external grant are eligible for a \$1,000 award to supplement their research activities (must meet eligibility criteria). The required materials must be submitted within six months of application. More information is available regarding [incentives for competing for externally funded awards](#).

- All tuition shortfalls are covered via the Graduate School for the duration of the grant during graduate training years. Information about requesting coverage of tuition shortfalls can be found at the following link: [gradschool.wayne.edu/students/funding/incentives](https://gradschool.wayne.edu/students/funding/incentives). During the M3 and M4 years, the School of Medicine's tuition scholarship will cover the shortfall.
- Salary shortfalls will be covered either by your principal investigator or the M.D./Ph.D. program.
- The Office of the Vice President of Research will provide a \$1,000 incentive to the student and the student's principal investigator for funding of the externally-funded grant.
- Graduate students who receive an externally-funded fellowship and meet the eligibility criteria may also be eligible for subsidized medical insurance under the same plan offered to faculty and staff. The \$4,200 allowance should be used to offset health insurance costs. In the event there are overages spent on health insurance, the Office of the Vice President of Research may cover it at the end of the grant year.
- For the health insurance shortfall form, visit [research2.wayne.edu/ovprforms/hisf/new](https://research2.wayne.edu/ovprforms/hisf/new)  
Program guidelines are available on the [Research website](#).

## ■ Dissertation Defense and Transition

For a complete checklist to assist in the Ph.D.-to-M3 transition, see the Appendix.

An additional requirement for Ph.D. completion specific to M.D./Ph.D. students is that students must author at least one first author paper to graduate. At the end of the research training, students must successfully defend their thesis by February 15th (at least two weeks before the start of M3) of their graduating year, as clinical rotations begin firmly the first week of April. Students must notify the M.D./Ph.D. Program Director and program manager, their Ph.D. Program Director and the thesis committee of their intention to defend at least six months before their defense (i.e. in September the year before a mid-February defense). Students will follow the transition to M3 checklist for all other transition requirements.

Students will only be allowed to transition to M3 with successful defense of thesis as determined by their thesis committee. Students must defend within the winter semester (January-February) and avoid ending graduate studies before January, preventing any loss of financial support during transition periods.

In addition to the specific requirements of each graduate program, M.D./Ph.D. students are still required to participate in M.D./Ph.D. supplemental activities throughout the entire graduate training period (referenced under "Program Overview").



Both degrees are conferred at the end of M4 completion. In the semester students are defending their thesis, do not complete the following for the Graduate School:

### **DO NOT:**

- Apply to graduate
- Fill out the Ph.D. Exit survey
- Fill out the survey of earned doctorates
- Submit List of Previous Degrees

The above listed items are to be completed in January of the year students graduate. The M.D./Ph.D. program manager will prompt students to complete these.

### **Integrated Clinical Experience (ICE) during the Graduate Years (G1-G4+)**

Integrated clinical experience (ICE) is an optional portion of the M.D./Ph.D. curriculum during the Ph.D. years that focuses on maintaining clinical skills and integration of clinical experiences throughout research training. ICE has four components:

1. **Career mentor.** The program provides M.D./Ph.D. students with a list of 100+ local clinicians who have expressed interest – through various educational programs – in assisting medical students with educational experiences. Students are encouraged to select a career mentor during the pre-clinical years before a transition into the G years. Ideally, this individual should be a M.D./Ph.D. or practicing clinician-scientist. It is highly encouraged that the student meet and shadow this individual during the March-August window before the G1 year in order to find a good fit. During the G years, the career mentor can serve on the student's Ph.D. dissertation committee as an "outside member" (i.e. not a faculty member in that student's department). This would allow this individual to provide clinical perspective to the student's Ph.D. research plan. This individual would also be expected to provide career mentorship as the student transitions back into the M3 year and plans for a future beyond the M4 year.
2. **ICE clinical rotations with clinical mentors.** Beyond shadowing the career mentor, students are encouraged to shadow clinicians in multiple specialties and diverse clinical settings. At least one ICE rotation should be in a patient interacting specialty to maintain clinical readiness. In order to maintain an updated "living" list of local clinicians, students are highly encouraged to make the program aware of any clinicians on the aforementioned list who have moved out of the area and/or any who are no longer interested in having students shadow them in clinical settings.

3. G years clinical boot camp. This two- to three- day boot camp is intended for students in the G years and is held yearly during Spring Break of the Graduate School. Curriculum material and support will be supplemented by the Kado Family Clinical Skills Center and associated team (Dr. Miller and Dr. Brennan).
4. G4 clinical refresher. All students are required to attend the M3 orientation and clinical refresher before entering M3. Curriculum material and support, including access to course material on the Canvas website and in-person simulations and experiences, will be provided by Dr. Steffes.

## Student Expectations Throughout All Years of the M.D./Ph.D. Program

M.D./Ph.D. students will follow the same professional and academic codes of conduct and professionalism of the Wayne State University Graduate School and the Wayne State University School of Medicine at all times. ([med.wayne.edu/studentaffairs/policies#definition-98353](https://med.wayne.edu/studentaffairs/policies#definition-98353)). Termination from either the M.D. program or the Ph.D. program will automatically result in termination from the M.D./Ph.D. Program.

The academic progress of each student will be evaluated by the M.D./Ph.D. Program Director(s) and by the M.D./Ph.D. Curriculum Advisory and Student Review Committee. Passage through each of the integrated components of the training program will be permitted only upon successful evaluation by the M.D./Ph.D. Program administration and the committees/subcommittees.

While the M.D./Ph.D. program is typically completed in seven to eight years, it is noted that students require flexibility of certain aspects of the training components and schedules. The program administration will work with each student to ensure that flexibility is provided as much as possible, so that trainees can receive optimal training.

- Students are required to inform the M.D./Ph.D. Program Director, in a timely fashion, of any academic difficulties that they may be encountering that would place them in academic jeopardy. Examples include, but are not limited to: course failures, academic probation, academic dismissal, professional or academic misconduct allegations, and consideration of leaves of absence.
- Students must successfully pass all required coursework as per M.D. and Ph.D. program recommendations.
- Students must successfully complete the USMLE Step 1 examination by the deadline determined for their entering class before they will be permitted to begin graduate training. Two attempts at successful passage of Step 1 will be permitted over a total of a six-month period (Note: this requirement is different from the traditional M.D. program). If at the end of this six-month period and following two attempts the student is unable to successfully pass USMLE Step 1, he/she will not be permitted to continue in the M.D./Ph.D. program. An official copy of the USMLE score sheet must be provided by the student to the M.D./Ph.D. Program as proof of passing.



- Student progress through the program will be reviewed annually by the appropriate M.D./Ph.D. committees, in addition to traditional reviews by the M.D. or the Ph.D. program. Academic data will be available to appropriate committee members and will be discussed in committee meetings. Promotion to the next academic year will be subject to approval of the relevant M.D./Ph.D. committee.

### ■ Bench to Bedside (B2B) Seminar Series

Bench to Bedside (B2B) is a required weekly student-run seminar series designed specifically for M.D./Ph.D. trainees. B2B features student presentations, information panels and guest speakers providing a diverse array of topics. B2B is designed to enrich the M.D./Ph.D. program, enhance student presentation skills, promote engaging discussions and provide a longitudinal opportunity for students to interact with peers in all levels of the program.

The seminar series is organized by two student co-coordinators who send out a presentation sign-up before the fall semester (usually early to mid-August) for students to sign up for presentations in pairs for two consecutive weeks. M1, M3 and M4 students are not required to present at B2B, but students in all other years are required to sign up for a presentation slot. Guest speakers will be invited several times throughout the year and there will be at least one panel of students in the final years of the program to provide peer mentoring and constructive advice, and give younger students the opportunity to ask questions about the transition back to medical school.

#### Examples of seminar topics include:

1. Inviting guest speakers to discuss their M.D./Ph.D. journey and research
2. Journal club with a focus on how the research can be applied to the clinic
3. Information workshop (Transitioning from M.D. to Ph.D., How to Select Graduate Program, etc.)
4. Organizing a student panel (how to navigate M.D./Ph.D., advice, etc.)
5. Special skills workshops (bioinformatics, analyzing data, etc.)
6. Inviting residency directors to discuss career options

#### Goals:

1. Provide a space for students to talk about the multiple facets of becoming a physician-scientist
2. Prepare students to start thinking about how research can be translated to the clinic
3. Give students an opportunity to gain advice and mentorship from older students
4. Provide students with opportunities to refine presentation skills



## ■ Location and Presentation Sign-Up

The seminar runs during the fall and winter semesters of the Graduate School academic calendar and takes place in Room 3125 of Scott Hall. The student coordinator of the seminar series sends out a sign-up form for presentations before the start of the seminar series. Requirements to present at B2B are as follows:

- M1 - It is not required to present and you should not sign up for a presentation slot. The first year in the program is a chance for M1s to see how B2B works and what their peers are interested in.
- M2s - Are required to present at B2B. They can pair with a graduate student so that they will have peer guidance.
- G1-4+ - Required.
- M3-4 - Not required but encouraged to fill a slot and present a case study, leaving time for students to ask about what going back to the clinic is like. The student coordinator will reach out to M3s and M4s regarding availability and rotation schedule in early August.

## ■ Attendance Policy

B2B attendance is required for all students in M1, M2 and G1-G4+. M3 and M4 attendance is not required due to clinical obligations, but attendance is encouraged when rotation schedules permit.

The B2B student coordinators will take attendance at every B2B. If a student is unable to attend a B2B, they must notify the Program Director and the student coordinators of their absence before the B2B. A student with three unexcused absences will lose the opportunity to utilize a travel stipend and monthly social event attendance privileges. Poor attendance or participation in B2B is a matter of professionalism and will be treated as such. The student coordinator is to notify the Program Director so that they can discuss this unprofessional behavior with the student.

Excused absences are granted for M1 and M2 exams, graduate school exams, conference attendance and personal matters if the appropriate parties are notified before B2B. Absences due to experiments are not generally considered excused unless they pertain to clinical participants. Specific inquiries regarding recurring absences should be discussed on a case-by-case basis with the M.D./Ph.D. Program Director.

## ■ Annual M.D./Ph.D. Research Retreat

The research retreat is a chance for all students in the M.D./Ph.D. program to showcase research they are working on. The retreat is held on the medical school campus and full participation by all students in the program is expected.

The retreat takes place each academic year and lasts all day, featuring two keynote presentations by physician-scientists, two poster sessions, three to five oral presentations of research by M.D./Ph.D. students in their senior graduate years



(G3-G4+) who are planning to return to clinic the following spring and new student orientation/introductions at lunch. Please see an example of an itinerary below (this will vary from year to year):

- 9-10:30 a.m. - Check-in and breakfast
- 10:30-10:40 a.m. - Opening remarks
- 10:40-11 a.m. - Student Presentation #1
- 11-11:40 a.m. - Poster Session #1 and snack time
- 11:45 a.m.-12:15 p.m. - Keynote speaker
- 12:15-12:55 p.m. - Poster Session #2 and snack time
- 1-1:30 p.m. - Student Presentation #2
- 1:30-1:40 p.m. - Closing remarks
- 4-7 p.m. - Post-retreat party

#### **Poster and Oral Presentation Expectations:**

- **M1s and M2s** - You are not expected to submit an abstract for the retreat, so sit back, relax, introduce yourselves and take in your peers' research.
- **Graduate students** - All of you are expected to submit an abstract and present a poster or oral presentation.\*
- **M3s and M4s** - Presentation is optional.

\*The student coordinator will work with M.D./Ph.D. program leadership to identify senior graduate students expected to defend their thesis during the concurrent academic year. If you are not contacted by the student coordinator about giving an oral presentation, you are expected to present a poster.

## **Financial Support**

### **Medical Education**

During the clinical and pre-clinical training years, students receive full tuition scholarships, as well as tuition for a certain number of graduate credits. In addition, students are awarded a stipend of \$30,000 for each academic year. Health insurance is covered during the Medical School years, but dental and vision insurance are not. This package was approximately \$71,247 for the 2023 academic year. See the Appendix for a breakdown of these costs and how they affect financial aid.

### **Graduate Education**

During the graduate research training years, students continue to receive a full tuition scholarship, partially subsidized health, dental and vision insurance, as well as a graduate

salary of \$30,000 each year. The first year of graduate education funding is paid for by the M.D./Ph.D. Program. The remaining years of support during graduate education are pursuant to funding from your principal investigator, your home department and/or any outside grant funding secured by the student (e.g., F30/31). This package was approximately \$59,537 for the 2023 academic year. Note: Because students are now considered employees of the university, taxes and health insurance are deducted from bi-weekly paychecks. See the Appendix for a breakdown of these costs and how they affect financial aid.

### ■ Travel Funds Available

Students receive a travel stipend for conference attendance through the M.D./Ph.D. program of up to \$500 per academic year. The funding request form is available through the program coordinator. Students must present at the conference (oral or poster) to be eligible for these funds. Students must be in good standing in the program to apply for these funds.

### ■ Additional Costs Not Covered by the M.D./Ph.D. Tuition/Stipend

- M1-M4 student fees (i.e. Medical School Support Fee and Student Service Fee)
- M2 Step 1 exam or prep material costs (UWorld and First Aid are provided by the School of Medicine)
- M4 Step 2 exam or prep material
- Residency application/interview costs

### ■ Stipend Direct Deposit

Directions can be found here: [payroll.wayne.edu/direct-deposit](https://payroll.wayne.edu/direct-deposit)

1. Log on to Academica [academica.aws.wayne.edu](https://academica.aws.wayne.edu)
2. Under 'Resources,' click 'Employee Resources'
3. Click 'Employee Self-Service'
4. Click 'Direct Deposit'
5. You may need to complete [Duo Two-Factor Authentication](#)
6. Click 'Update Direct Deposit'
7. Click 'Direct Deposit'
8. In the 'Proposed Pay Distribution' section (second grey bar), click +Add New
9. In 'Student and Accounts Payable Direct Deposit' section (third grey bar), click +Add New
10. Insert your bank institution information. Click box: "By checking this box, I authorize Wayne State to initiate deposit to this bank account on my behalf."
11. Click 'Save New Deposit'



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## Appendix

The following documents are linked directly to the [gradprograms.med.wayne.edu/eval-forms](https://gradprograms.med.wayne.edu/eval-forms) site.

1. Link to [Current Alumni](#) -PDF document
2. [M2-to-Ph.D. Checklist](#) - PDF document
3. [Ph.D.-to-M3 Checklist](#) - PDF document
4. [M.D./Ph.D. Cost of Attendance](#) - PDF document  
[M.D./Ph.D. Tuition and Living Expense Matrix](#) - PDF document

# M2 to Ph.D. Transition checklist



WAYNE STATE  
School of Medicine  
Enrollment Management

## Checklist preparation

Use the check list below to ensure that you are prepared to complete the Ph.D. phase.

### January – March (Before beginning research rotations)

Pass United States Medical Licensing Examination (USMLE) Step 1 exam by the date required of your cohort.

Provide evidence of passing USMLE Step 1 to M.D./Ph.D. Coordinator

Complete [Graduate School Application](#) (GRA) including official transcripts

Complete GRA appointment paperwork, [select health insurance plan](#), sign and return to M.D./Ph.D. Coordinator

The [Enrollment Management Coordinator](#) will meet with all students that plan on going away to do their Ph.D. once they pass their USMLE Step 1 exam. The Enrollment Coordinator will then place all students going out to their Ph.D. portion on a leave of absence.

After passing USMLE Step 1 exam, arrange a check-in meeting with the Rotation Advisory Committee to discuss plan for research rotations



### April - August

Complete two ~ 8-week research rotations. Following each rotation, request that the research advisor complete the [Rotation Evaluation Form](#)

[Register for classes](#) ([GS0900 Responsible Conduct in Research Required](#))

Attend SOM Graduate Student Orientation (Day 1 only-4th Thursday in August)

Students requiring health insurance coverage will enroll in only Fall term [student health insurance coverage](#) provided by the medical school for coverage effective July 1st – October 31st. There will be a 2-month overlap between this coverage and your employee health insurance plan. The M.D./Ph.D. program will cover the cost of the Fall term student health insurance payment. (June/July)



*checklist continued on next page*

Office of  
Enrollment  
Management

Mazurek Education Commons  
520 E. Canfield Ave., Suite 322  
Detroit, MI 48201

☎ 313-577-1456  
✉ [medenrollment@wayne.edu](mailto:medenrollment@wayne.edu)

WARRIOR STRONG

revised Feb. 8, 2024



## M2 to Ph.D. - transition checklist continued

Students enrolled in a student health insurance plan provided by the medical school must transition to the [employee health insurance plan](#) provided by main campus for coverage effective September 1st.

### September

[Submit Plan of Work](#) - determine transfer of 30 credits from Seg1/Seg2 ([consult program graduate program officer](#)) and mentor to complete form.

Register with [NIH.gov](#) for ERA Commons (consult program graduate officer)

Submit signed M.D./Ph.D. [Research Mentor Agreement](#) to M.D./Ph.D. Coordinator

Arrange meeting with mentor and M.D./Ph.D. Director (i.e., funding, publication and completion expectations)

Select ICE (integrated clinical experience) preceptor with guidance from M.D./Ph.D. Director



### Important Information

[M.D./Ph.D. Program Tuition and Living Expense Matrix](#)



Office of  
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Management

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■ WARRIOR STRONG

# Ph.D. to M3 Transition checklist



WAYNE STATE  
School of Medicine  
Enrollment Management

## Checklist preparation

Use the check list below to ensure that you are prepared to complete the M.D./Ph.D. program.

### September - December

Submit date for dissertation defense (September of year prior to MD clerkships)

Meet with [Enrollment Management Coordinator](#) to review everything needed to transition back into the M.D. Curriculum. (October)

Students will be added back to appropriate class list serv/email (October)

Get your flu shot, then set up a meeting with [MD Health Records](#) to ensure immunization compliance. (October)

Sign up for [university health insurance](#) or submit a waiver if you already have coverage. (October)

Meet with [Financial Aid](#) and file a FAFSA. This should be done every year you are in the MD and PhD programs. Use School Code 002329 all Wayne State University Campuses (October)

Attend registration Town Halls and campus day to learn about clerkships, registration and clerkship sites. (October/November)

Enrollment Management will register you for MD2 6800 Preparation for Clerkships (Course runs January-March)



### January - March

Complete MD2 6800 Preparation for Clerkships (Course runs January-March)

Students complete a clerkship site preference survey (will be sent to you in early January)

Complete dissertation defense prior to February 15

Registration for M3 clerkship year (last week of February)

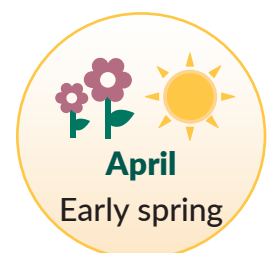


### April

Final Grad School Requirements due by April 12

Grad School [Completion Deadlines](#)

*\*\*Students will apply for graduation from the PhD program in January of segment 4. Students do not need to apply to graduate for their MD degree as this is automatically handled by Enrollment Management.*



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Enrollment  
Management

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[medenrollment@wayne.edu](mailto:medenrollment@wayne.edu)

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## M.D. Program Maximum Cost of Attendance 2023-24 Academic Year

Financial Aid can be awarded up to the Maximum Cost of Attendance and not be exceeded (Scholarships, Grants, Loans)

	M1	M2	M3	M4
In State Tuition & Fees	\$40,092.00	\$40,092.00	\$40,092.00	\$40,092.00
Living Expenses (Rent, Food, Utilities)	\$18,548.00	\$18,548.00	\$18,548.00	\$18,548.00
Books, Supplies, Step Exams	\$1,432.00	\$1,092.00	\$1,092.00	\$432.00
Loan Fees	\$436.00	\$436.00	\$436.00	\$436.00
Misc Personal	\$2,980.00	\$2,980.00	\$2,980.00	\$2,980.00
Residency/Interviews	\$0.00	\$0.00	\$0.00	\$1,000.00
Transportation	\$4,202.00	\$4,202.00	\$4,202.00	\$4,202.00
<b>Total All Living Expenses</b>	<b>\$27,598.00</b>	<b>\$27,258.00</b>	<b>\$27,258.00</b>	<b>\$27,598.00</b>
Wayne State Health Insurance Plan if needed (COA Adjustment Needed)	\$3,776.04	\$3,776.04	\$3,776.04	\$3,776.04

All M.D. Cost of Attendance information can be found at <https://wayne.edu/financial-aid/medicine/costs-payment>

## M.D./Ph.D. M.D. Program Maximum Cost of Attendance 2023-24 Academic Year

M.D./Ph.D. Students in the M.D. Program receive Scholarships and Stipends exceeding the Maximum Cost of Attendance and are not eligible for additional Financial Aid Funding.

	M1	M2	M3	M4
In State Tuition cover by MD Scholarship	\$37,895.00	\$37,895.00	\$37,895.00	\$37,895.00
Fees Covered by M.D. Student	\$2,564.00	\$2,564.00	\$2,564.00	\$2,564.00
<b>Total All Living Expense Stipend</b>	<b>\$30,000.00</b>	<b>\$30,000.00</b>	<b>\$30,000.00</b>	<b>\$30,000.00</b>
Wayne State Health Insurance Plan if Needed	Up to \$5,000.00	Up to \$5,000.00	Up to \$5,000.00	Up to \$5,000.00

# M.D./Ph.D. Program

## Tuition and Living Expense Matrix



WAYNE STATE  
School of Medicine  
Enrollment Management

### MD1 - Cohort year

#### July to March (9 months)

- **Full Tuition Scholarship** (Fees not included in M.D. Program).
- **Stipend** every 2 weeks for Living Expenses. Funding is taxable, but Federal, State and City taxes not deducted and you may need to pay (current amount \$30,000 per academic year). See a Tax Advisor for your personal questions.
- **WSU Health Insurance** funding reimbursement if enrolled (current up to \$5,000).
- Not eligible for any additional Scholarship/Loan Funding. Extenuating circumstances may be available see a Financial Aid Advisor.
- **Cohort Year and Academic/Financial Aid Year will overlap between cohorts.**  
Cost of attendance is determined and Financial Aid is awarded by Academic/Financial Aid Year of July 1 to June 30 of each year.



### MD2 - Cohort year

#### April to March (12 months)

- **Full Tuition Scholarship** (Fees not included in M.D. Program).
- **Stipend** every 2 weeks for Living Expenses. Funding is taxable, but Federal, State and City taxes not deducted and you may need to pay (current amount \$30,000 per academic year). See a Tax Advisor for your personal questions.
- **WSU Health Insurance** funding reimbursement if enrolled (current up to \$5,000).
- Not eligible for any additional Scholarship/Loan Funding. Extenuating circumstances may be available see a Financial Aid Advisor.
- **Cohort Year and Academic/Financial Aid Year will overlap between cohorts.**  
Cost of attendance is determined and Financial Aid is awarded by Academic/Financial Aid Year of July 1 to June 30 of each year.



### Ph.D. Program - 3 to 5 years

#### April to March of last year (some may have dual enrollment January to March of last year)

- Employee of the University and receive a paycheck every 2 weeks (current payroll amount \$30,000 per academic year).



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# M.D./Ph.D. Program Tuition and Living Expense Matrix

- Payroll Taxes are deducted in paycheck.
- Tuition paid by Ph.D. Tuition Program Gift Scholarship Funds.
- Employee Health Insurance Plans if you choose to select and will be deducted in paycheck.
- May be eligible for additional Scholarship Funding if Cost of Attendance is not exceeded.
- May be eligible to take additional Loan Funding up to Cost of Attendance for Living Expenses if not exceeded.
- If you are dual enrolled during the transition period back to your M.D. Program, Tuition will be covered by the appropriate program.



## MD3 – Cohort year

### April to March (12 months)

- **Full Tuition Scholarship** (Fees not included in M.D. Program).
- **Stipend** every 2 weeks for Living Expenses. Funding is taxable, but Federal, State and City taxes not deducted and you may need to pay (current amount \$30,000 per academic year). See a Tax Advisor for your personal questions.
- **WSU Health Insurance** funding reimbursement if enrolled (current up to \$5,000).
- Not eligible for any additional Scholarship/Loan Funding. Extenuating circumstances may be available see a Financial Aid Advisor.
- **Cohort Year and Academic/Financial Aid Year will overlap between cohorts.** Cost of attendance is determined and Financial Aid is awarded by Academic/Financial Aid Year of July 1 to June 30 of each year.



## MD4 – Cohort year

### April to May (14 months) June Graduation from MD Program

- **Full Tuition Scholarship** (Fees not included in M.D. Program).
- **Stipend** every 2 weeks for Living Expenses. Funding is taxable, but Federal, State and City taxes not deducted and you may need to pay (current amount \$30,000 per academic year). See a Tax Advisor for your personal questions.
- **WSU Health Insurance** funding reimbursement if enrolled (current up to \$5,000).
- Not eligible for any additional Scholarship/Loan Funding. Extenuating circumstances may be available see a Financial Aid Advisor.
- **Cohort Year and Academic/Financial Aid Year will overlap between cohorts.** Cost of attendance is determined and Financial Aid is awarded by Academic/Financial Aid Year of July 1 to June 30 of each year.



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# Resource guide

## Resources

### Payroll Taxes - Understanding Taxes Tax Tutorial: [Payroll Taxes and Federal Income Tax Withholding \(irs.gov\)](https://www.irs.gov)

- Payroll Tax Withholding is variable by person.
- Employees complete Form W-4, Employee's Withholding Allowance Certificate to determine how much federal income tax to withhold.

The amount of federal income tax withholding depends on:

- The employee's marital status
- The number of withholding allowances claimed by the employee
- Any additional amount the employee wants to withhold, and any exemptions from withholding that the employee claims



#### Low Income Taxpayer Clinic

[Low Income Taxpayer Clinic | Accounting Aid Society](#)  
for Federal, State and City taxes



#### MD Stipend Living Expense Funds

are Taxable Income.  
Federal, State and City Taxes  
may need to be paid when  
Tax Returns are filed for the  
calendar tax year



#### PhD Paycheck Living Expense Funds

are Taxable Income and payroll  
taxes are deducted in your  
paycheck every 2 weeks and  
will reduce the amount received



#### Tax Form 1098T

for qualified Tuition and Related  
Expenses -  
[1098T Frequently Asked  
Questions - Office of the Bursar  
- Wayne State University](#)



#### SOM Health Insurance

[Health Insurance - Records  
and Registration - Wayne State  
University School of Medicine](#)



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## WAYNE STATE School of Medicine

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