

CAREERS IN MEDICINE (M.D. and D.O)

This handout should help answer some of your questions about preparing for a career in medicine. Although this handout is not intended to be a comprehensive source for premedical information, it does contain information regarding the minimal requirements needed to get into medical school, Miami's Premedical Studies Co-major, a hypothetical first year course schedule, a discussion on your choice of major, a section on applying to medical school, a few statistics on the success rate of Miami students getting accepted into medical school, and a list of resources that provide detailed information about the medical profession. Note that you do NOT have to sign up for the Premedical Studies Co-major: see information below. If you have any questions about Miami's premedical program, please contact Ms. Tailyn Walborn, Chief Premedical Advisor (walborta@miamioh.edu) and/or visit the website of the Mallory-Wilson Center (<https://www.miamioh.edu/cas/academics/programs/mwche>).

A. MEDICAL SCHOOL COURSE REQUIREMENTS:

There are 158 standard (M.D.) and 31 osteopathic (D.O.) medical schools in the United States and Canada. The minimum academic requirements for entrance into most of these medical schools are essentially the same:

Medical School Requirement

Miami Equivalent

C. COURSE SELECTION AND PLANNING A CAREER IN MEDICINE:

With a little planning, the course requirements for medical school can be completed in three years. Below is a course schedule of a typical premedical student during their first year.

2. If you want to have research experience, does the department readily provide this opportunity for undergraduates? What are their requirements to participate in research?
- 3.

2. **Thomas H. Mallory and David F. Wilson Center for Healthcare Education (106 Pearson Hall)**

The mission of the MWC is to enhance and enrich premedical education at Miami University by exposing students interested in a career in medicine to the current dynamics and issues of the medical profession and to the particular nature and reality of the practice of medicine. The MWC arranges preceptorship (internship) opportunities, sponsors speakers and symposia, promotes course offerings relevant to this goal, disseminates information of interest to students considering a career in medicine, and organizes some activities of the Mallory-Wilson Center Premedical Living Learning Community. The MWC is fully sponsored by the generosity of Miami alumni.

3. **Prehealth Advisory Committee**

The Prehealth Advisory Committee is a faculty committee that helps students prepare to apply to health professions schools. Committee members offer mock interview opportunities for students in the Co-major.

4. **“Medical School Admission Requirements”**

This on-line resource, published by the Association of American Medical Colleges (202-828-0416 or www.aamc.org), contains a list of the specific admission requirements of each M.D.-granting U.S. and Canadian medical school.

5. **“Osteopathic Medical College Information Book”**

This resource (either online or hardcopy), published by the American Association of Colleges of Osteopathic Medicine (301-968-4100, www.aacom.org), contains a list of the specific admission requirements of each D.O.-granting U.S. medical school.

6. **Websites**

- a) Standard Medicine: <http://www.aamc.org>
- b) Osteopathic Medicine: <http://www.aacom.org> or <http://www.am-osteo-assn.org>
- c) Mallory-Wilson Center for Premedical Education (Miami University): <http://miamioh.edu/mwche/>

7. **Premed Organizations**

There are multiple student-run organizations at Miami that are here to help you attain your goal of becoming a physician, so try to attend their meetings and events. Information on these organizations is available through The Hub, and many of their events are advertised through the Mallory-Wilson Center.

H. TEN REASONS WHY YOU SHOULD CONSIDER ATTENDING MIAMI UNIVERSITY FOR YOUR PREMEDICAL EDUCATION

- 1. **Miami premed students get into medical school** – 63% of *all* Miami first-time applicants are accepted to medical school. The acceptance rate rises to 72.6% for Miami students who earn at least a 3.20 GPA and score at least 50 percentile on each section of the MCAT.
- 2. **Miami premed students get good advice** - Miami has a full-time premedical advisor and a prehealth advisory committee who work together to help students prepare for and

apply to medical school. In addition, with our Premedical Studies Co-major, students can easily track their progress toward completing their medical school prerequisites.

3. **Miami premed students have many peers** - Miami has a large number of premedical students so it is very easy to find other students with similar interests and goals.
4. **Miami premed students are prepared for medical school** – With our Premedical Studies Co-major, Miami students are prepared for medical school, and our graduates excel in medical programs.
5. **Miami premed students are prepared to gain experience** - A large number of alumni physicians participate in our preceptorships.