Pre-Medical (DO) - Fact Sheet

*** This is an overview of the admission requirements for Medical schools. Always double check the Medical programs websites for the specific school’s requirements. This is for general information purposes only.

**On-Campus Clubs**
Pre-Student Osteopathic Medical Association
Pre-Medical Society
P.A.T.C.H (Pre-Professional Association Towards Careers in Health)

**Pre-requisite Courses Needed**
Major is not important when applying to Medical school, only courses completed. Most schools require or recommend a bachelor’s degree before starting their program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology</td>
<td>BIO 111, 113 &amp; 116</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>BIO 325 or CHM 453</td>
</tr>
<tr>
<td>Human Genetics</td>
<td>BIO 341</td>
</tr>
<tr>
<td>General CHM</td>
<td>CHM 144, 147, 145, &amp; 148 (Prior to fall 2014 CHM 157 and 158)</td>
</tr>
<tr>
<td>Organic CHM</td>
<td>CHM 234, 235 &amp; 237</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 101 or 151, 110, 102 or 152, &amp; 111 (Prior to fall 2013 PHY 110 &amp; 111 were PHY 158)</td>
</tr>
<tr>
<td>College English</td>
<td>WRT 150 and 160</td>
</tr>
</tbody>
</table>

- **Recommended courses**
  - Behavioral Science: Social Science General Education category
  - Humanities: Global Perspectives or Literature General Education category
  - Mathematics: MTH 141 and STA 225, 226 or 228

**Preparation for MCAT**

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<td>BIO 341</td>
</tr>
<tr>
<td>Cell Biology</td>
<td>BIO 309 (reinforce material covered in BIO 111 and 325)</td>
</tr>
<tr>
<td>Microbiology</td>
<td>BIO 319 or 307 (reinforce material covered in BIO 111 and 113)</td>
</tr>
<tr>
<td>Physiology</td>
<td>BIO 207 or 321</td>
</tr>
<tr>
<td>Evolution</td>
<td>BIO 387 (reinforce material covered in BIO 113)</td>
</tr>
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</tbody>
</table>

**Added for 2015 MCAT**

<table>
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<tbody>
<tr>
<td>Ethics</td>
<td>PHIL 103</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 100</td>
</tr>
<tr>
<td>Sociology</td>
<td>SOC 100</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 225, 226, or 228 or PSY 250</td>
</tr>
</tbody>
</table>

**Experiences Examined**

Applicants are also evaluated on nonacademic factors, such as, community service (medical and nonmedical related), physician shadowing, research, leadership skills, teamwork, diversity experiences, paid employment, teaching, publications, etc. It is important to make sure you have shadowed an osteopathic physician. When listing your experiences, it is important to demonstrate what you learned or took away from the experiences and the competencies developed (see [https://www.aamc.org/initiatives/admissionsinitiative/competencies/](https://www.aamc.org/initiatives/admissionsinitiative/competencies/) for competencies).
GPA Needed
Most schools do not list minimum GPA requirements. Those that do, require a 2.0 minimum in all prerequisite courses.
Note: These are minimums. Medical programs are competitive and the average successful applicant has a much higher GPA (see Admission Stats).

Michigan Medical Schools
Michigan State University

Additional Medical Schools (A list of all Osteopathic Medical Schools can be found at http://www.aacom.org/about/colleges/Pages/default.aspx.)
Lake Erie College Midwestern University (Chicago) Midwestern University (Arizona)
Ohio University Heritage College

MCAT Prep Resources
Kaplan Princeton Review Exam Krackers
1-800-KAP-TEST 1-888-955-4600 1-888-KRACKEM
Khan Academy AAMC
www.khanacademy.org www.aamc.org/students/applying/mcat/preparing/

Kresge Library also has preparation materials and practice test that can be found at http://www.learningexpresshub.com/learningexpress-hub/college-center/prepare-for-graduate-school-admissions-exams/mcat-preparation/mcat-practice-tests.

MCAT and Score Needed
Register for MCAT at https://services.aacom.org/20/mcat/. The current MCAT tests verbal reasoning, biological sciences, and physical science. In 2015, the MCAT will test 1) biological and biochemical foundations for living systems, 2) chemical and physical foundations for biological systems, 3) psychological, social, and biological foundations of behavior, and 4) critical analysis and reasoning skills. (No minimum MCAT scores are listed).
Note: Medical programs are competitive and the average successful applicant has a much higher MCAT score (see Admission Stats).

Application
A primary application needs to be submitted through the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) at http://www.aacom.org/InfoFor/applicants/Pages/default.aspx. An applicant may begin working on their application as of May 1st. The first day to submit the application is June 3rd. The applicants chances of getting in increase the sooner they apply, due to rolling enrollment. Medical schools set their own deadline, so each school has different dates. For detailed instructions on how to fill out the primary application see the AACOMAS Instruction Manual at http://www.aacom.org/Documents/AACOMASInstructions.pdf.

Select applicants will be invited to submit a secondary application for the medical schools that are interested in the applicants.

Personal Statement
A personal statement is for you to express your motivation and desire to become an osteopathic doctor and what makes you unique as an applicant. This statement is sent to all of the schools you apply to, so you do not want to direct it to a specific school. It should be more of a story, not a resume and should not list experiences again. For additional help on how to write a personal statement, contact the Writing Center at 248-370-3120 or http://www.oakland.edu/ouwc.
**Letters of Evaluation** (Each school has different requirements. Please refer to each individual school for specific requirements).
Most schools require three Letters of Evaluation submitted through AACOMAS. The applicant should submit letters based on the specific schools requirements. Suggested letters would be from faculty, research faculty, and physicians who know you well. The evaluator uploads the letter, not the students. Applicants will not see the letters, so it is important to obtain letters from those you know will write you a good evaluation. Guidelines can be found at [https://www.aamc.org/initiatives/admissionsinitiative/letters/](https://www.aamc.org/initiatives/admissionsinitiative/letters/), and should be given to the evaluation writers.

**Personal Interview**
Personal Interviews are given to the top applicants who meet the requirements. If you are selected for an interview, it is important to have good interview skills. Completion of the Personal Interview does not guarantee admission to the program. Applicants should be able to answer ‘What is Osteopathic Medicine?’ and “Why do you want to be a doctor?”.

Medical schools have traditional interviews and Multiple Mini Interview (MMI). In traditional interviews, the candidates are usually interviewed by one or more individual. The questions will be more about you as a person, special life experiences, and what you learned from these life experiences. Students should review the application before the interview and research possible interview questions. In MMI, the candidates go through eight timed stations which consist of questions, role play and collaboration. The questions are meant to see how candidates handle different situations and work in teams. To prepare for this interview, the candidates should review current events and crisis management skills.

If you need help with interview skills, contact Career Services at 248-370-3250 or [http://www.oakland.edu/careerservices](http://www.oakland.edu/careerservices).

**Cost**
MCAT prep ranges from hundreds to thousands of dollars
MCAT - $275
Primary Application - $195 for the first program you apply to. Any additional programs you choose to apply to will cost $35 per school
Secondary Application - $25 to $100 per school

**Gap Year**
If you are going to have a gap year, then you need to make it beneficial. It should strengthen you academically, strengthen your MCAT score, gain you additional medical experience, or provide relevant experiences.

**Helpful Websites**
American Association of Colleges of Osteopathic Medicine - [www.aacom.org](http://www.aacom.org)
American Association of Colleges of Osteopathic Medicine Application Service - [http://www.aacom.org/InfoFor/applicants/Pages/default.aspx](http://www.aacom.org/InfoFor/applicants/Pages/default.aspx)
Association of American Medical Colleges – [www.aame.org](http://www.aame.org)
Michigan State University College of Osteopathic Medicine - [http://com.msu.edu/](http://com.msu.edu/)
Lake Erie College - [http://www.lecom.edu/](http://www.lecom.edu/)
Midwestern University (Chicago) - [http://www.midwestern.edu/programs-and-admission/il-osteopathic-medicine.html](http://www.midwestern.edu/programs-and-admission/il-osteopathic-medicine.html)
Ohio University Heritage College - [http://www.oucom.ohiou.edu/](http://www.oucom.ohiou.edu/)
Writing Center at OU - [http://www.oakland.edu/ouwc](http://www.oakland.edu/ouwc)
Career Services at OU - [http://www.oakland.edu/careerservices](http://www.oakland.edu/careerservices)
**Admission Stats** (The following are the Stats listed in the “Osteopathic Medical Information Book - 2015 Entering Class”).

General Admission Stats – 2013-2014 Enrollment

**Statistics**
- Science GPA Averages – 3.38
- Non-Science GPA Averages – 3.6
- Mean GPA – 3.5
- Mean MCAT
  - Biological Science – 9.41
  - Physical Science – 8.74
  - Verbal Reasoning – 8.72

**Michigan State University**– 2013-2014 Enrollment

**Statistics**
- Applications: 4548
- Enrollment: 328

**Lake Erie College** – 2013-2014 Enrollment

**Statistics**
- Applications: 5484
- Enrollment: 196

**Midwestern University (Chicago)** – 2013-2014 Enrollment

**Statistics**
- Applications: 6947
- Enrollment: 203

**Midwestern University (Arizona)** – 2013-2014 Enrollment

**Statistics**
- Applications: 4509
- Enrollment: 255

**Ohio University Heritage College** – 2013-2014 Enrollment

**Statistics**
- Applications: 4129
- Enrollment: 141

**References**

Journal for Pre-Professional Activities

Type of Experience

- Health Care Experiences
- Volunteer and Service Experiences
- Research Experiences
- Work Experiences
- Honors and Awards

Date ____________________________________________________________

If Award, type of Recognition __________________________________________

Average Hours per week/ Total Hours ______________________________________

Location _____________________________________________________________

Contact Person:

- Name _____________________________________________________________
- Title _____________________________________________________________
- Email Address and/or phone __________________________________________

Description (Describe experience or award and what gained/learned from experience or award)

________________________________________________________________________
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