

Pre-Medical (MD) - 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-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.

General Biology	BIO 111, 113 & 116
General CHM	CHM 144, 147, 145, & 148 (Prior to fall 2014 CHM 157 and 158)
Organic CHM	CHM 234, 235 & 237
Physics	PHY 101 or 151, 110, 102 or 152, & 111 (Prior to fall 2013 PHY 110 & 111 were PHY 158)

Possible additional courses

Biochemistry	BIO 325 or CHM 453
Social Science/Humanities	2 course - Focus on psychological and social theory, individual or group behaviors, or comparative cultures – Social Science and Global Perspectives General Education categories
College English	WRT 150 and 160
Intensive Writing	2 courses – Writing Intensive General Education and BIO 495
Non-Science	6 courses - General Education
Mathematics	MTH 141 and STA 225, 226 or 228

Preparation for MCAT

General Biology	BIO 111, 113 & 116
Biochemistry	BIO 325 or CHM 453
Human Genetics	BIO 341
Cell Biology	BIO 309 (reinforce material covered in BIO 111 and 325)
Microbiology	BIO 319 or 307 (reinforce material covered in BIO 111 and 113)
Physiology	BIO 207 or 321
Evolution	BIO 387 (reinforce material covered in BIO 113)
General CHM	CHM 144, 147, 145, & 148 (Prior to fall 2014 CHM 157 and 158)
Organic CHM	CHM 234, 235 & 237
Physics	PHY 101 or 151, 102 or 152

Added for 2015 MCAT

Ethics	PHL 103
Psychology	PSY 100
Sociology	SOC 100
Statistics	STA 225, 226, or 228 or PSY 250

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. On the primary application, there are 15 areas an applicant can list their 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/> for competencies).

GPA Needed

Most schools do not list minimum GPA requirements. Those that do, require a 2.0 minimum in all prerequisite courses, a science GPA of 3.0, and an overall GPA of 3.2.

Note: These are minimums. Medical programs are competitive and the average successful applicant has a ***much higher*** GPA (see Admission Stats).

Michigan Medical Schools

University of Michigan
Oakland University

Wayne State University
Central Michigan University

Michigan State University
Western Michigan University

Additional Medical Schools

See the Medical School Admissions Requirements (MSAR) for a list of all the U.S. and Canadian Medical Schools at <https://services.aamc.org/30/msar/home> .

MCAT Prep Resources

Kaplan
1-800-KAP-TEST
www.kaptest.com

Princeton Review
1-888-955-4600
www.princetonreview.com

Exam Crackers
1-888-KRACKEM
www.examcrackers.com

Khan Academy
www.khanacademy.org

AAMC
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.aamc.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. (Some schools have minimum MCAT of 24, while most do not list a minimum).

Note: These are minimums. Medical programs are competitive and the average successful applicant has a ***much higher*** MCAT scores (see Admission Stats).

Application

A primary application needs to be submitted through American Medical College Application Service (AMCAS) at <https://www.aamc.org/students/applying/amcas/>. An applicant can start working on their application as of May 1st. The first day to submit the application is June 3rd. The applicants chances of getting in go up 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 AMCAS Instruction Manual at https://www.aamc.org/students/download/182162/data/amcas_instruction_manual.pdf .

Select applicants will be invited through AMCAS 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 a doctor and what makes you unique as an applicant. This statement is sent to all 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, so see each individual school for specific requirements).

Most schools require 3 Letters of Evaluation submitted through AMCAS. Up to 10 letters can be submitted to AMCAS. The applicant then can 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 get letters from people you know will write you a good letter. Guidelines can be found at <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.

Medical schools have traditional interviews and Multiple Mini Interview (MMI). In *traditional interviews*, the candidates are usually interviewed by one or more person. The questions will be more about you as an individual, 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 8 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>.

Cost

MCAT prep ranges from hundreds to thousands of dollars

MCAT - \$275

Primary Application - \$160 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 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

Medical School Admissions Requirements - <https://services.aamc.org/30/msar/home>

American Medical College Application Service - <https://www.aamc.org/students/applying/amcas/>

Association of American Medical Colleges - <https://www.aamc.org/>

University of Michigan - <http://medicine.umich.edu/medschool/>

Wayne State University - <http://home.med.wayne.edu/>

Michigan State University - <http://humanmedicine.msu.edu/>

Oakland University - <http://www.oakland.edu/medicine>

Central Michigan University - <https://www.cmich.edu/colleges/cmed/Pages/default.aspx>

Western Michigan University - <http://med.wmich.edu/>

Writing Center at OU - <http://www.oakland.edu/ouwcc>

Career Services at OU - <http://www.oakland.edu/careerservices>

Admission Stats (The following are the Stats listed on the Medical School's websites. Additional Stats can be found at the schools' websites and on MSAR at <https://services.aamc.org/30/msar/home>).

University of Michigan – 2013 Entering Class Profile

Statistics

Applicants – 5441
Interviewed – 578
Class size – 172
Average science GPA - 3.73 (Range 3.01-4.0)
Average total GPA - 3.77 (Range 3.07-4.0)
Average MCAT - 34.35 (Range 26-41)

Wayne State University – 2013 Entering Class Information

Statistics

Applicants – 4952
Applicants Offered - 541
Number of Matriculates - 290
Average total GPA - 3.73

Michigan State University – 2012 Accepted Applicants

Statistics

Overall GPA - 3.7 (Range 3.2-3.9)
Science GPA - 3.6 (Range 3.1-4.0)
MCAT Total - 30 (Range 26-34)

Oakland University – Class of 2017 Profile

Statistics

Applicants – 3689
Interviewed – 462
Class size – 100
Median Undergraduate GPA – 3.63
Median Science GPA – 3.54
Median MCAT – 30 (Minimum of 24 required)

Central Michigan University – 2013 Entering Class

Statistics

Median Overall GPA – 3.71
Median Science GPA – 3.62
Median MCAT Score – 28 (Minimum of 24 required)

Western Michigan University

Statistics

No stats are given due to first class of students start fall 2014

References

University of Michigan - <http://medicine.umich.edu/medschool/>, *Wayne State University* - <http://home.med.wayne.edu/>, *Michigan State University* - <http://humanmedicine.msu.edu/>, *Oakland University* - <http://www.oakland.edu/medicine>, *Central Michigan University* - <https://www.cmich.edu/colleges/cmed/Pages/default.aspx>, *Western Michigan University* - <http://med.wmich.edu/>, *MSAR* - <https://services.aamc.org/30/msar/home>, *American Medical College Application Service* - <https://www.aamc.org/students/applying/amcas/>, *Association of American Medical Colleges* - <https://www.aamc.org/>, *Kaplan* - www.kaptest.com, *Princeton Review* - www.princetonreview.com

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)
