



# Pre-Medical Program

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**Wright State University** offers all the courses necessary to meet the requirements for admission to any medical school in the United States. In addition, all required courses are offered two to three times a year to accommodate students' schedules.

## **What percentage of your students gets accepted to medical school?**

While this is a relatively simple question, the answer is difficult. If all our applicants had high grades, high MCAT scores, applied to a reasonable mix of medical schools in Ohio, applied in a timely fashion, had good recommendations and whatever other qualities are valued, then 100% would be accepted. If the applicant did not meet those standards the year s/he applied, then our percentage of acceptances falls. So, the issue really becomes one of how will the student function in our environment at Wright State.

At WSU, we calculate the percentage of students who get into medical school based upon **all** applicants in one year, whether they are WSU undergraduates, people coming to WSU to take just their premedical requirements, graduate students, or people returning to school after years away for college. Our calculations include all of WSU's applicants, not just the ones with the national average on the MCAT or the national average GPA (a formula used in many pre-med programs). Based upon that information, roughly half of the applicants from WSU get into medical school.

## **What are the medical schools in Ohio?**

It is important to note that students who want to go to medical school will always have their best chance of getting accepted to medical schools in the state of Ohio, as long as they are Ohio residents. Ohio is fortunate to have seven medical schools. These are Case Western Reserve University (private), The Ohio State University, University of Cincinnati, Wright State University, The University of Toledo College of Medicine, and Northeastern Ohio Universities Colleges of Medicine, which all grant MDs. Ohio University in Athens is an osteopathic medical school that grants the DO. Osteopathic medical schools incorporate Osteopathic Manipulative Treatment (OMT) within their medical education and students are eligible to participate in all the same specialties offered by the allopathic medical schools (MD).

## **What do medical schools look for in an applicant?**

- GPA of at least 3.5; science GPA near 3.5
- MCAT scores above 24
- Experience/volunteering in medical field
- Involvement in extracurricular activities
- Letters of evaluation
- Outgoing personality, leadership skills, compassion, empathy, team skills, and others

### **Required Pre-Requisites Include**

#### **General Biology:**

*BIO 111, 112, 115 (or M&I 220)*

#### **General Chemistry:**

*CHM 121/125, 122/126, 123/127*

#### **Organic Chemistry:**

*CHM 211/215, 212/216, 213/217*

#### **General Physics:**

*PHY 111/101, 112/102, 113/103*

#### **Mathematics:**

*1 year (through college trig or higher)*

#### **English:**

*ENG 101, 102, 204 (or PHL 204)*

Some students may have credit for some of the above courses through advanced placement (AP) from high school. In those cases, the medical schools usually want the students to take additional upper level classes, beyond the minimum listed above. Additionally, while biology is the most common major for pre-medical students, the medical schools also like liberal arts majors who still do well in all their required sciences. Students interested in the pre-medical option are also encouraged to enroll in advanced courses such as Anatomy & Physiology, Biochemistry, Microbiology & Immunology, Neuroscience and Genetics. In addition, active participation in the pre-medical society club is highly recommended.

For more information on what each medical school is looking for, visit their admission web site or review the *Medical School Admission Reference* (MSAR; for MD schools) or *College Information Book* (CIB; for DO schools).

## Ohio Medical Programs

### What is the MCAT?

Almost all U.S. medical schools require applicants to submit MCAT (**M**edical **C**ollege **A**dmissions **T**est) scores. Medical college admission committees consider MCAT scores as part of their admission decision process.

Furthermore, medical schools look for students with MCAT scores that are above 24. This score is extremely important for admissions since the medical schools use this score as a predictor of a student's performance on the medical boards. The MCAT is scored from 1-45 with the average being 24. A good predictor of how a student will do on the MCAT is how

s/he does on the ACT, so take the ACT seriously and post the highest score you can. Some schools, such as **Wright State School of Medicine** have started **Early Assurance Programs (EAP)** based on accepting a few applicants at the end of their sophomore year of college, using their ACT scores as one of the criteria for consideration (ACT score of 28 or above is necessary for the EAP). The EAP then gives students a conditional acceptance based upon finishing their bachelor's degree before they start medical school. Those accepted must post an MCAT score or 28 or higher and maintain a 3.2 GPA.

### Ohio Medical School Enrollment Statistics (2007)

| Medical School | Total Applicants | In-State Applicants | Out-of-State Applicants | Total Matriculants | In-State Matriculants | Out-of-State Matriculants |
|----------------|------------------|---------------------|-------------------------|--------------------|-----------------------|---------------------------|
| Case Western   | 5,786            | 12.9%               | 87.2%                   | 194                | 18.0%                 | 82.0%                     |
| Univ of Toledo | 3,341            | 29.3%               | 70.7%                   | 176                | 64.8%                 | 35.2%                     |
| Northeastern   | 2,050            | 40.0%               | 60.0%                   | 114                | 96.5%                 | 3.5%                      |
| Ohio State     | 4,446            | 23.7%               | 76.3%                   | 211                | 50.2%                 | 49.8%                     |
| Cincinnati     | 3,898            | 28.4%               | 71.6%                   | 159                | 61.6%                 | 38.4%                     |
| Wright State   | 3,031            | 32.4%               | 67.6%                   | 100                | 92.0%                 | 8.0%                      |

### Statistics for Ohio Medical School Applicants for the 2005-2007 Entering Classes

| Ohio Statistics | Total Applicants | Total Matriculants | Average Science GPA | Average Non-Science GPA | Overall GPA  | Average MCAT |
|-----------------|------------------|--------------------|---------------------|-------------------------|--------------|--------------|
| 2005            | 1,480            | 718                | 3.40<br>3.58        | 3.66<br>3.75            | 3.51<br>3.66 | 27.4<br>30.0 |
| 2006            | 1,485            | 712                | 3.41<br>3.60        | 3.66<br>3.76            | 3.52<br>3.67 | 27.4<br>30.2 |
| 2007            | 1,611            | 754                | 3.42<br>3.62        | 3.68<br>3.77            | 3.53<br>3.68 | 28.0<br>30.9 |
| 2008            | 1,548            | 705                | 3.44<br>3.62        | 3.69<br>3.79            | 3.54<br>3.69 | 28.2<br>30.6 |

Applicants  
Matriculants

Case Western: <http://casemed.case.edu/admissions>  
Ohio State: [www.medicine.osu.edu](http://www.medicine.osu.edu)  
University of Cincinnati: [www.med.uc.edu](http://www.med.uc.edu)  
Wright State University: <http://www.med.wright.edu>

Northeastern Ohio: [www.NEOUCOM.edu](http://www.NEOUCOM.edu)  
Ohio University: [www.oucom.ohiou.edu](http://www.oucom.ohiou.edu)  
University of Toledo: <http://hsc.utoledo.edu/med>

## College of Science & Mathematics

For additional information please visit our website: [www.wright.edu/cosm/premed](http://www.wright.edu/cosm/premed)  
or contact the advisor: **Jacqueline Neal** at 937-775-4226