

CONTACT INFORMATION:

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HELPFUL WEBSITES:

- UA Pre-Professional Health Advising: uakron.edu/bcas/prehealth
- Northeast Ohio Medical University: neomed.edu
- Lake Erie College of Osteopathic Medicine: lecom.edu
- American Association of Medical Colleges: aamc.org
- American Association of College of Osteopathic Medicine: aacom.org

COURSEWORK RECOMMENDATIONS

To become a physician students will complete four years of coursework at the undergraduate level (bachelors degree), four years of coursework at the medical school level (MD or DO), and a minimum of three years of residency training.

While there is no preferred major, there are required and recommended pre-requisite courses as defined by the individual medical schools.

These courses meet the minimum requirements for *most* medical schools and help to prepare students for the MCAT.

The suggested coursework helps students to become competitive applicants for medical school. Each school varies, and it is up to the student to research their preferred school's prerequisites and rules regarding AP, online, and coursework taken five years or more ago.

Course Number	Course Name
BIOL 111/112	Principles of Biology I & II w/labs
CHEM 151/152/153/154	Principles of Chemistry I & II w/labs
CHEM 263/264/265/266	Organic Chemistry I & II w/labs
CHEM 401/402	Biochemistry I & II
MATH 149 or 221	Pre-Calc OR Calc I
PHYS 261/262	Physics for Life Sciences I & II w/labs
PSYC 100 & SOCIO 100	Intro to Psyc & Intro to Soc
STAT 261/262	Intro to Stats I & II
Additional Suggested Coursework: BIOL:211 Genetics, BIOL:316 Evolutionary Biology, BIOL:363/364 Foundations of Physiology w/lab, BIOL:401 Human Anatomy for Biology Majors, BIOL:331 Microbiology, BIOL:437 Immunology BIOL:485/486 Cell Physiology w/lab	

The above list is not comprehensive. Students are responsible for completing the requirements of their major and those of the medical schools to which they plan to apply.

PRE-MED PARTNERSHIP PROGRAMS

Reserve your seat in medical school early through one of our partnerships.

www.uakron.edu/bcas/prehealth/partnerships

The University of Akron has partnerships with two different medical schools; Northeast Ohio Medical University (NEOMED) located in Rootstown, Ohio and Lake Erie College of Osteopathic Medicine (LECOM) with their main campus in Erie, Pennsylvania. These partnerships give qualifying UA students the opportunity to secure their seat in medical school earlier than the traditional medical school applicant.

MEDICAL SCHOOL TIMELINE

FRESHMAN YEAR

- Meet with the pre-health adviser
- Register your pre-med interest at www.uakron.edu/bcas/prehealth
- Explore careers in medicine/consider alternative career plans
- Join pre-medical or other related organizations

SOPHOMORE YEAR

- Pursue shadowing, volunteer, and other related activities
- Develop relationships with faculty
- Review medical school catalogs and websites

JUNIOR YEAR

- Pursue shadowing, volunteer, and other related activities
- Complete prerequisites
- Prepare and take the MCAT
- Gather letters of recommendation
- Apply for admission

SENIOR YEAR

- Complete secondary applications
- Prepare for interviews

APPLICATION PROCESS

The application process to medical school is rigorous; There are many components, and it often takes students much longer than anticipated to complete the application.

Most medical schools use rolling admission, so submitting applications sooner rather than later is advantageous. Although each medical school has different application deadlines, admissions applications tend to be available in May.

Most allopathic schools (M.D.) require applicants to apply through AMCAS, while most osteo-

pathic schools (D.O.) require applicants to apply through the AACOMAS.

For most traditional students who are on a 4yr college plan they will need to have their pre-admission coursework completed by the end of spring in their junior year. There are many ways to sequence courses including a 5th or gap year. How students sequence these courses depends on their major, hours taken each semester, and their other obligations which is why students are encouraged to meet with the pre-health adviser early in

their college career.

As part of the application, students will be required to submit recommendation letters. Therefore, it is important that students develop professional relationships with natural science faculty and physicians.

Once applications are submitted students will receive secondary applications, and finally interested schools will send invitations for interviews.

EXPERIENCE & INVOLVEMENT

In addition to strong academic credentials, medical schools want to see well-rounded applicants.

Students should shadow physicians or other individuals in the health professions, get involved in community service work, and participate in research.

Students can learn about research opportunities by talking with faculty and some opportunities may be eligible for college

credit. Students can gain shadowing experience through personal connections such as family and friends, through their own physician, or by contacting offices and hospitals to inquire about opportunities.

Getting involved in student organizations is a great way to become active in community service.

It is important to note that there is no magic formula for admission to medical school. Students need to be successful in the classroom while also selectively participating in activities that will add to their medical school applications. Think about how the people you meet through these experiences could help you as you apply to medical school.

*All students interested in medical school should register their pre-med interest at www.uakron.edu/bcas/prehealth. Students are encouraged to meet with the pre-health adviser early on to plan courses and experiences that will help prepare them to apply to medical school.