



The Pathway to Medical School

GETTING STARTED

Create a **Medical Applicant Portal (MAP)** via Student Hub. MAP is an online resource for undergraduate students and alumni to identify themselves as Pre-Med and stay informed of important dates and events. It also serves as a portfolio to help prepare students for the application process.

Students admitted to US medical schools come from **all undergraduate majors**. Medical schools appreciate academic diversity. You are encouraged to select a major based on your interests. Common majors include Biology, Chemistry, Biochemistry, Behavioral Neuroscience and Health Science.

Our **website** houses a great deal of pertinent information and resources for your perusal: undergraduate.northeastern.edu/prehealth



EXPERIENTIAL PREPARATION

Community Engagement: Volunteer in your local or global community. Service experiences do not need to be within the field of healthcare, but should follow your interests and demonstrate a passion for helping those in need. Explore your campus community - join organizations that tap into your own passions and interests, such as AMSA or Pre-SOMA. Demonstrate your ability to lead. Connect with faculty and build up your professional network at Northeastern and beyond.

Research: To be an effective healthcare practitioner you must understand how treatments, drugs and therapies move from discovery and development to the bedside. Having a solid understanding of the research process allows for an informed interpretation of hypotheses, results, and translation to practice. Relevant experiences can take many forms including bench, clinical, and public health research.

Clinical: Experiences within the field of healthcare are an important way to demonstrate ongoing interest in the profession and gain exposure to a diverse array of specialties. Experiences should include direct interaction with practitioners and patients, but need not be at an advanced level. Examples may include shadowing or clinical co-op positions.

REQUIRED COURSEWORK

Requisite courses are **school specific**. For detailed course requirements, please review:

- [Medical School Admissions Requirements](#)
- [Osteopathic School Explorer \(Choose DO Explorer\)](#)

Common courses include:

- **Biology** with labs (Two semesters)
- **General Chemistry** with lab(s) (One or Two semesters; CHEM 1151 or 1161 may satisfy this requirement)
- **Organic Chemistry** with labs (Two semesters)
- **Physics** with labs (Two semesters)
- **Biochemistry** with lab (Requires Organic Chemistry II & Genetics and Molecular Biology)
- **Math** (One Calculus & One Statistics)
- **Writing** (Two semesters of Writing-Based Social Science or Humanities/English Composition coursework)

AP/IB credit often may not satisfy prerequisite course requirements. In this case, students should complete upper-level coursework to satisfy the requirement. Please refer to individual program websites for more detail on their AP/IB credit policy.

ENTRANCE EXAM

Pre-Med students will sit for the **Medical College Admissions Test (MCAT)**. The MCAT should be scheduled only after all basic science prerequisite courses are successfully completed and the applicant has had 4-6 months to study.

An introductory **Psychology and Sociology** course are *recommended* for MCAT preparation, but typically *not required* for admission. Aim to take these courses prior to your MCAT exam if your plan allows.

CONNECT WITH US

Meet our staff and find who your advisor is based on your path and/or last name.

Sign up for our **monthly newsletter** which includes program updates and events as well as both on and off-campus opportunities for all PreHealth students! Read up on our latest **blog posts** from students, staff, and alumni!



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