



The Pathway to Medical School

GETTING STARTED

Medical Applicant Portal (MAP): 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. Create a MAP account in StudentHub!

Selecting a Major: Students admitted to 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, Behavioral Neuroscience and Health Science.

Connect with us: Meet our staff and find who your advisor is. Sign up for our [monthly newsletter](#) and read up on our latest [blog posts](#) from students, staff, and alumni! Follow us on Instagram and Facebook @NUPreHealth  

EXPERIENTIAL PREPARATION

Community Engagement: Working in healthcare requires a service orientation and commitment to your community. Engage your campus community through [student organizations](#), a [Community Service & Civic Engagement program](#), and/or a Service-Learning course. Volunteer in meaningful ways to become an engaged and educated citizen dedicated to helping others.

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 into practice. Examples may include volunteering in academic labs, co-curricular opportunities (E.g., Directed Study, Capstone, etc.), research awards/fellowships, and/or paid employment.

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 do not need to be at an advanced level. Examples may include clinical volunteering, shadowing, or paid employment.

REQUIRED COURSEWORK

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

- [Medical School Admissions Requirements \(AAMC\)](#).
- [Choose DO Explorer \(AACOM\)](#).

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)
- **Social Science/Humanities** (Two semesters)

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 take the **Medical College Admissions Test (MCAT)**. The MCAT should be scheduled only after all laboratory science prerequisite courses are successfully completed and the applicant has had 4-6 months to study. Introductory **Psychology** and **Sociology** courses are *strongly recommended* prior to MCAT preparation, but are typically *not required* for admission.

THE NU EXPERIENCE

Co-Op: Northeastern's Co-op Program is one way students can obtain experiential preparation. There are no designated Pre-Med co-ops. Rather, students should apply to co-op jobs based on their individual interest in, and qualifications for the position.

Global Experiences: Coursework taken through many of Northeastern's global academic programs do not pose any issues for Pre-Med students, including NUin and Global Scholars (beginning Fall '23), and DOs. However, planned coursework abroad through other study abroad programs should be reviewed with your PreHealth Advisor prior to departure for consideration toward Pre-Med requirements.