

Pre-Medicine

A major misconception about going to medical school is that you must be a biology or chemistry major. While the majority of pre-medical students do major in the sciences, some students prefer to pursue another major, while completing the required courses for admission to medical school. Although all programs have specific requirements, most require the following Guilford College courses:

- Chemistry 111 and 112 (General Chemistry)
- Chemistry 231 and 232 (Organic Chemistry)
- Physics 121 and 122 or 211 and 212 (General Physics)
- Biology 111 (Integrative Biology: Molecules and Cells)
- Biology 112 (Integrative Biology: Organisms, Ecology and Evolution)
- Two college-level mathematics courses (Calculus is required by about 20 percent of schools)

Pre-Health Professions Advising Program

The Guilford College pre-health professions advising program exists to aid all Guilford College students interested in pursuing a career in health care. The program helps prepare students for graduate studies in the health professions in numerous ways, including:

- choosing a career in the health professions
- advising students on class choice during their undergraduate career
- assisting students in obtaining volunteer and internship positions
- organizing programs, such as speakers from health professions schools or alumni currently in health professions schools
- answering questions about the application process
- organizing mock interviews for students
- preparing for entrance exams such as the MCAT or GRE

The program also sponsors the Health Science Club, an organization for all students interested in the health professions.

Why Guilford College?

Consistently rated nationally by *The Princeton Review* as well as being one of the 40 colleges in *Colleges that Change Lives* by Loren Pope, Guilford College inspires each student to achieve excellence through an engaging community, rooted in Quaker values, which nurtures creativity and social responsibility.

What can a Guilford education offer you?

- An urban setting near other colleges & universities with an area student population of over 27,000 students
- A consortium agreement with University of North Carolina at Greensboro, Greensboro College, Bennett College, North Carolina A&T State University, Elon University and High Point University provides students with access to courses free of charge
- A college mission statement & core values based on, and consistent with, Quaker testimonies. Guilford's core values are: Community, Diversity, Equality, Excellence, Integrity, Justice & Stewardship.
- A challenging academic program which emphasizes not only academic tracks and the learning process, but also the interconnection between curricular and co-curricular pursuits
- A diverse student population providing a stimulating peer environment
- Excellent study abroad programs in China, England, France, Germany, Ghana, Ireland, Italy, Japan, Mexico, Netherlands, Scotland, Spain, and Wales

The academic program in Pre-Medicine

Guilford does not offer a "pre-medicine" major. Pre-medical students at Guilford College have majored in many different fields, from natural sciences to arts and humanities, and have gone on to excel in medical school. The interdisciplinary Health Sciences major is a popular choice as a second major for students planning to attend medical school.

Course Recommendations

Chemistry 111 and 112 during your first year at Guilford because they are pre-requisites for many of the required courses you will be taking.

Suggested Activities

Medical schools view experience in health-related fields before applying to their program as essential to understanding the field. Students can gain this necessary experience through internships, summer employment and volunteer work. Both the pre-health professions advisers and the Career and Community Learning Center can help students find these experiences.

The Standardized Admissions Exam

The Medical College Admissions Test (MCAT) is the standardized test that all students who wish to apply to medical school must take. The exam should be taken the late spring or early summer before the student's senior year. The MCAT is based on the assumption that students have completed one year of General Biology, one year of General Chemistry, one year of Organic Chemistry, and one year of Physics.

Applying to Medical School

Most medical schools subscribe to the American Medical College Application Service (AMCAS) or the American Association of Colleges and Osteopathic Medicine Application Service (AACOMAS). Students who wish to apply to these medical schools should complete one or both of these common applications, which will then be distributed to all the medical schools to which the student plans to apply.

Internship Opportunities

Recent locations where Guilford pre-med students have completed internships include:

- Moses Cone Family Practice
- Guilford County Public Health Department
- Murphy Wainer Orthopedic Specialists
- Wake Forest University School of Medicine
- Triad Health Project
- Healthserve Community Health Clinic

Medical School placement of Guilford graduates

Among the Medical schools Guilford graduates are currently attending are:

- East Carolina University
- Mercer University
- Nova Southeastern University
- Philadelphia College of Osteopathic Medicine
- University of North Carolina at Chapel Hill
- Ohio University College of Osteopathic Medicine
- Virginia College of Osteopathic Medicine
- Wake Forest University
- West Virginia University

Pre-Medical Adviser

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For additional information about Pre-Medicine at Guilford College visit www.guilford.edu/academics

