



Premedical Studies

Preparing for Medical School

From its beginnings more than a half-century ago, Stony Brook University has been characterized by innovation, energy, and progress, transforming the lives of people who earn degrees, work, and make groundbreaking discoveries here. A dramatic trajectory of growth has turned what was once a small teachers college into an internationally recognized research institution that is changing the world

Today Stony Brook is one of only 61 members of the prestigious, invitation-only Association of American Universities and the London *Times Higher Education World University Rankings* lists Stony Brook in the top 1 percent of the world's universities.

THE WALL STREET JOURNAL used an independent benchmarking system to evaluate how successful graduates of different colleges are in gaining admission to top graduate schools in medicine, law, and business. Stony Brook ranked eighth among all public colleges and universities nationwide and 86th among all colleges and universities—a group of about 3,000 institutions. Stony Brook is an excellent educational value and an excellent place to prepare for a future in a profession such as medicine.

Excel

Students are often surprised to learn that there's no preferred major for students seeking entrance to medical school. Medical schools are far more interested in academic excellence than choice of major. Consequently, at Stony Brook you'll be advised to major in what you like and want to learn more about. Stony Brook offers more than sixty majors, making it easy for you to find the program that suits you. The important thing is to select a major based on your interests and aptitudes; your grades will be better and you will be a happier person for it. Whatever you do, be sure to take a balanced program. If your major is in the natural or physical sciences, it's a good idea to complement this with a minor in the humanities or social sciences and vice versa.

Prepare

While medical schools accept all kinds of majors, they also expect applicants to have successfully completed certain "premed" courses. Stony Brook's premed courses are recognized for their rigor and provide excellent preparation for the Medical School Admission Test



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(MCAT). In general, those applying to doctoral level programs in medicine, osteopathy, dentistry, and veterinary medicine are expected to complete the following courses before applying to a professional school:

- One year of general biology with laboratory
- One year of general chemistry with laboratory
- One year of organic chemistry with laboratory
- One year of physics with laboratory
- One year of English
- One year of college-level mathematics, including at least one semester of calculus

NOTE: AP credit (usually a 4 or 5) may exempt you from one or another of these courses; if so, you'll want to take a year of course work in that discipline at a higher level.

Connect

With other students... Stony Brook's premed students form study groups in the "premed" classes and through participation in the Stony Brook chapter

of Alpha Epsilon Delta—the national premedical honor society, the Premedical Society, and Minorities in Medicine. Together these groups sponsor many events for students interested not only in medicine, but in other graduate health professions as well.

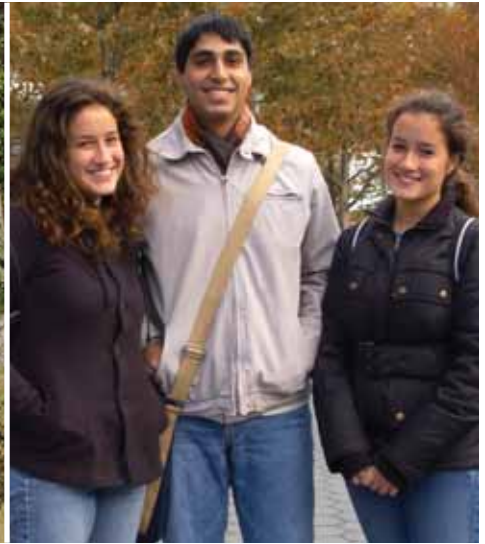
With advisors... Stony Brook's Academic and Pre-Professional Advising Center has trained health professions advisors ready to provide you with the guidance and information you need to prepare for a future in medicine. They have information about selecting health careers, employment projections, which pre requisite courses to take and when to take them, health-related clubs on campus, professional exams, volunteer work, and summer programs. You may want to review the prehealth website at www.stonybrook.edu/healthed. All enrolled students receive the Please Be Advised e-mail, distributed biweekly, which contains valuable information on academic policies as well as pre-health programs and events. Premedical advising is available to sophomores, juniors and seniors on a regular schedule in the Academic and Pre-Professional Advising Center.

Explore

There is a synergy between research and classroom learning. Research enables you to engage in hands-on, discovery-based learning and to develop critical skills as you examine a subject in collaboration with outstanding scientists and scholars. It also can provide you with an appreciation of the challenges in medicine and biomedical research and close interaction with faculty.

As a major research university, Stony Brook offers enormous opportunities for you to participate in research as a undergraduate. You can learn about scientific investigation by meeting with the faculty member who is the undergraduate research liaison for the department in your area of interest. You can also become involved in one of Stony Brook Medicine's many research projects. Several funding opportunities are available to assist undergraduates in their research and creative activities, including URECA Summer Fellowships, Howard Hughes Medical Institute, Undergraduate Research Fellowships, Simons Fellowships, and RAIRE Summer Fellowships.





Experience

Opportunities abound for undergraduates to obtain clinical experience by joining the Stony Brook Volunteer Ambulance Corps and at Stony Brook University Hospital through volunteer work and internships.

Stony Brook's Internship Program also allows students to participate in on-site work experience in an area related to their interest while earning credit. Certain criteria apply for acceptance into the Internship Program; individual faculty members also may set specific criteria for enrolling in a research course under their direction.

Pursue

Name your passion; you'll find it at Stony Brook. Cultural and religious groups, intramural and varsity sports, sororities and fraternities, and student newspapers and magazines abound. And, with its own radio station and nearly 300 student interest clubs and organizations as diverse as the Cycling Club, the Science Fiction Forum, the USB Equestrian Team, and the Ballroom Dance Club, you'll have your pick of fun and worthwhile activities.

Substantial participation in an activity is important and when applying to medical school you'll be asked to explain why you

chose a particular activity. Be sure to select an activity because of your interest in it and don't try to join a half dozen clubs.

Succeed

All medical schools require not only letters of recommendation, but also an institutional evaluation. Stony Brook's Faculty Committee on Health Professions coordinates this important process through the Academic and Pre-Professional Advising Center. Even though the number of applicants to medical school has dropped in recent years, the acceptance numbers have been getting more competitive nation-wide, with the grades and MCAT scores of accepted students continuing to nose upwards. It is also predicted that, after a long decline, the number of people applying to medical school is going to increase.

Stony Brook's Faculty Committee on Health Professions is pleased to note that Stony Brook students who apply to schools of the health professions tend to do quite nicely. 82% of first-time applicants applying to enter M.D. programs in the United States for 2009 with a cumulative grade point average of 3.59 or above and an MCAT score of 28 or above were accepted. If we disregard the MCAT scores, and just take a cumulative

grade point average figure of 3.59, we are talking about an acceptance rate of about 61% to M.D. programs in the United States. It is important to keep in mind, however, that you will be accepted to a school of the health professions as an individual, not as a statistic.

Other qualifications medical admissions committees examine in addition to GPA and MCAT scores include: accomplishments, intellectual curiosity, emotional maturity, character, interest in medicine, sensitivity to others, communication skills, critical thinking and problem-solving skills, sense of caring for others, and commitment to service.

www.stonybrook.edu/admissions



Priority Application Deadline:
January 15

E-mail: enroll@stonybrook.edu
Phone: (631) 632-6868

U.S. Medical Schools Accepting Stony Brook Applicants To MD Programs 2010-2011

Albany Medical College
Albert Einstein College of Medicine
Bayoor College of Medicine
Boston University School of Medicine
Case Western Reserve U School of Medicine
Drexel University College of Medicine
Duke University School of Medicine
Eastern Virginia Medical School
FIU Herbert Wertheim College of Medicine
George Washington University School of Medicine & Health Science
Georgetown University School of Medicine
Howard University
Indiana University School of Medicine
Jefferson Medical College of Thomas Jefferson University
Keck School of Medicine University of Southern California
Loyola University Chicago Stritch School of Medicine
Medical College of Wisconsin
Meharry Medical College
Morehouse School of Medicine
Mount Sinai School of Medicine
New York Medical College

New York University
Pennsylvania State U College of Medicine
Stony Brook University - School of Medicine
SUNY Downstate Medical Center
SUNY at Buffalo Medical School
SUNY Upstate Medical University
Temple University School of Medicine
The Commonwealth Medical College
The University of Miami School of Medicine
The University of Toledo College of Medicine
The University of Vermont College of Medicine
Tufts University School of Medicine
UMDNJ-New Jersey Medical School
Uniformed Services U of the Health Sciences
University of Cincinnati College of Medicine
University of Connecticut School of Medicine
University of Hawaii John A Burns School of Medicine
University of Iowa, Carver College of Medicine
University of Maryland School of Medicine

University of Michigan Medical School
University of Nebraska College of Medicine
University of North Carolina School of Medicine
University of Pittsburgh School of Medicine
University of Puerto Rico School of Medicine
U of Rochester School of Medicine and Dentistry
University of Virginia School of Medicine
Virginia Commonwealth U School of Medicine
Wake Forest University School of Medicine
Wayne State University School of Medicine
Weill Medical College of Cornell University

Note: As a state-supported medical school, the School of Medicine at Stony Brook accepts applicants from all over the state; there is no reserved quota for Stony Brook undergraduates, although typically approximately 10% of the entering class of 100 at the medical school is comprised of Stony Brook applicants.

