

Pre-Med Pre-Allied Health

HARTWICK COLLEGE
Know the Facts.



The Hartwick Difference

As a student-centered liberal arts and sciences college, Hartwick College provides its pre-med (physician, dentist, veterinarian, optometrist) and pre-allied health (physician assistant, physical and occupational therapist, chiropractor, pharmacist, and other) students with personal attention and guidance as they embark on their paths to health-related careers. Hartwick's small campus community provides many advantages to its pre-med and pre-allied health students:

- Small classes and accessible professors
- Direct access to state-of-the-art labs and equipment
- Independent and faculty-student collaborative research opportunities
- A strong support network

Whether you're interested in a career in allopathic or osteopathic medicine, dentistry, optometry, veterinary medicine, chiropractic, physical or occupational therapy, or another health-related field, Hartwick will prepare you well for professional training and a successful career.

Program Components

Upon arrival at Hartwick, you will be assigned a pre-med or pre-allied health advisor, who will help you develop your academic plan. In addition, Hartwick's Pre-Med and Pre-Allied Health Advisory Committee advises and evaluates students interested in pursuing careers in medicine. Members of this committee assist students with their applications to professional schools through individual advising and workshops on study strategies, standardized test preparation, interview skills, internship opportunities, ethical issues, financial aid sources, and careers in medicine.

The field of medicine needs individuals from broad educational backgrounds who will bring a variety of talents and interests to the profession. It's important for students to have a broad liberal arts and sciences education with a strong foundation in the sciences. Although no specific undergraduate major is required to enter certain health fields, students must have considerable experience with the sciences in order to:

- gain a thorough understanding of scientific concepts and vocabulary
- confirm interest in and capacity for advanced study in science
- prepare for various admission examinations
- enable medical schools to evaluate their potential in the practice of medicine.

A pre-med and pre-allied health resource room is available to students for researching medical fields and schools.

www.hartwick.edu/catalog



SMALL CLASSES



PERSONAL ATTENTION



STUDY ABROAD



NETWORK THROUGH INTERNSHIPS

Find your place.



HARTWICK COLLEGE

est. 1797

[www.hartwick.edu/
premedallied](http://www.hartwick.edu/premedallied)

For more information, contact
the Office of Admissions
at 607-431-4150 or
888-HARTWICK (888-427-8942).

For specific inquiries, contact
Linda Swift, Pre-Med, 607-431-4749 or
swiftl@hartwick.edu

Allen Crooker, Pre-Allied Health, 607-431-4750 or
crookera@hartwick.edu

Program Highlights

The minimum basic required courses for many medical programs are:

- Biology in Practice (BIOL 101) and Concepts in Biology (BIOL 202, 203)
- General Chemistry (CHEM 107, 108 or CHEM 109)
- Organic Chemistry (CHEM 201, 202)
- Physics (PHYS 201, 202 or PHYS 140, 141)
- Math (Calculus I and II: MATH 121, 233)
- English literature course and composition course

Some veterinary schools require microbiology, biochemistry, genetics, and animal development. Some optometry, dental, or physical or occupational therapy schools require specific courses in psychology. Other schools and specialties may have other requirements such as exercise physiology or human anatomy and physiology, but most strongly recommend upper-level work in biology or a specific number of credits in the humanities and the social sciences. Be sure to check medical and other professional school catalogs for other required courses.

Other helpful courses to include in your pre-health curriculum:

- computer, specifically medical informatics courses
- languages (Spanish is particularly useful)
- public speaking
- bioethics
- economics

For students interested in pursuing an M.S. in occupational therapy or a doctorate in physical therapy, Hartwick has a collaborative agreement with Sage Colleges, providing qualified students guaranteed admission to these programs at the Sage Graduate School.

Beyond the Classroom

Hartwick strongly encourages students to gain real-world experience through internships, volunteer work, and job shadowing. Students participating in Hartwick's MetroLink Program have shadowed at places such as Boston-area teaching hospitals, Pfizer Pharmaceuticals, Bethesda Naval Medical Center, National Institutes of Health, and the New York Zoological Society. They also have worked with private practice health professionals.

Examples of additional student internships include Inpatient Pharmacy, Pharmaceutical Technician, Bassett Medical Center (Cooperstown); Medical Technology Intern, Bassett Medical Center (Cooperstown); Floating Intern, A.O. Fox Hospital (Oneonta); Physical Therapy Department, FoxCare Center (Oneonta); Pre-Veterinary Intern, Oneonta Veterinary Associates Inc.

Putting Pre-Med and Pre-Allied Health Studies to Work

During the past five years, more than 90 percent of Hartwick graduates recommended by the pre-med and pre-allied health advisory committees have been accepted by their chosen professional schools.

Recent pre-med/pre-allied health graduates are attending Harvard Medical School, SUNY Buffalo Medical School, New York College of Osteopathic Medicine, University of Connecticut, University of New England College of Osteopathic Medicine, Tufts Dental School, University of Pennsylvania Dental School, Tufts Veterinary School, Cornell Veterinary School, University of California at Davis Veterinary School, University of Pennsylvania Veterinary School, East Carolina University, and SUNY Upstate Medical Center.