

Cutting-Edge Programs, Smart People, Cool Research

Your Future at Illinois Tech



PRE-HEALTH

Rigorous, relevant, customized pre-med programs that will **give you the tech edge.**



Rapidly advancing technology is changing the practice of every profession today. Rarely does that take on the life-and-death significance it does in medicine. Effective use of technology in medicine saves lives. Illinois Institute of Technology's pre-medical and combined medical school programs are designed to meet the need for technologically proficient physicians and medical researchers. In addition, Illinois Tech offers joint programs in medicine, dentistry, and pharmacy with Lake Erie College of Osteopathic Medicine.

Our students come from all over the world. They come here because we are known for programs that are both intellectually demanding and relevant, and because Illinois Tech is a tech-focused, research-centered, innovation-driven university. They also know that a degree from Illinois Tech has high value in today's global marketplace.

As a student, you'll get access to networks of mentors, colleagues, and a lot of really influential people in your field. You'll gain a competitive edge when applying to **medical, dental, pharmacy, optometry**, or other health professional schools.

UNDERGRADUATE PRE-MEDICAL STUDY

In our pre-med program, you'll pursue your undergraduate degree while completing coursework you will need to apply and succeed in a medical or other health professional school. Our students come from a wide variety of bachelor's programs, such as **biomedical engineering, biochemistry, biology, psychology**, and **behavioral health and wellness**.



In 2018, 75 percent of Illinois Tech undergraduate pre-med students were accepted into health professions schools after graduation, compared to the national rate of 42 percent.

You'll work with an advisor who will help you prepare for the Medical College Admission Test (MCAT) or other admissions tests and help you gather information about volunteer and research opportunities. In addition, **Illinois Tech's Pre-Medical Advisory Committee** helps monitor your academic progress.

PRE-MED MINOR

Choose a major in any degree program offered at Illinois Tech while completing specialized requirements for admission to medical school.

RESEARCH—EVEN AS AN UNDERGRAD!

Undergraduates at Illinois Tech get the opportunity to work on major research right from the start. You might study at nearby Argonne National Laboratory, participate in a professor's research lab, or collaborate on a project at an area medical school. Our new **Elevate** program consists of summer courses that allow all undergraduates to experience research early in their careers at Illinois Tech (the summer after your first year, or the summer before your first year for transfer students). The College of Science also offers **\$5,000 Undergraduate Summer Research Stipends** to select students.

RESEARCH ON THE EDGE

At Illinois Tech you will find the benefits of a small, private school, coupled with the research capacity of a major league research institution. Our faculty are leading research projects with relevance to a variety of medical and health arenas, including:

- Advanced medical imaging
- Assistive devices/prostheses/artificial organs
- Biomedical engineering
- Cancer, diabetes, rheumatoid arthritis
- Macular degeneration
- Health physics (radiation protection)
- Muscle physiology and muscle structure
- Nutrition
- Tissue engineering



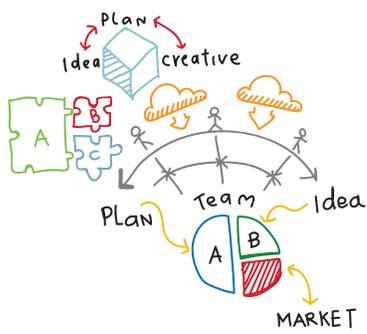
Dual-Degree Advantage

In addition to pre-medical studies, Illinois Tech offers **four dual-degree programs** that provide pathways to a medical career.

- Illinois Tech/Midwestern University Chicago College of Osteopathic Medicine (B.S./D.O)
- Illinois Tech/Illinois College of Optometry (B.S./O.D.)
- Illinois Tech/Midwestern University Chicago College of Pharmacy (B.S./Pharm.D.)
- Illinois Tech/Lake Erie College of Osteopathic Medicine (B.S./D.O., D.M.D., or Pharm.D.)

Students earn a bachelor's degree from Illinois Tech and a degree from the osteopathic, optometry, or pharmacy school.

Illinois Tech also has an **Early Acceptance Program** with Lake Erie College of Osteopathic Medicine for osteopathic medicine, dentistry, and pharmacy programs. The pharmacy program allows students to start the professional program prior to receiving a bachelor's degree from Illinois Tech.



LEARN TO INNOVATE IN IPROS

In Illinois Tech's signature **Interprofessional Projects (IPRO) Program**, you'll work with students from various majors to solve real-world problems. With technology playing an increasingly central role in our daily lives, this hands-on collaborative experience gives our students a big advantage after graduation.

Recent pre-medicine-oriented IPROs include:

- Making an artificial pancreas
- Obesity control and community outreach
- Innovating solutions to global health and well-being challenges via user-centered design methods
- Innovating assistive technology solutions for neuromuscular rehabilitation and physical therapy
- Quality drinking water from air conditioning condensate: social innovation in developing countries



Hands-On Learning

“As a pre-med student at Illinois Tech, I have been able to pursue a very customized educational program throughout my four years here. I have had several opportunities to engage in an interdisciplinary approach to medicine through the Rehabilitation Services Minor, behavioral medicine and rehabilitation psychology research, and MEDLIFE medical brigades. The plethora of unique opportunities for pre-med students at Illinois Tech provides early exposure to not only the science of medicine, but also the art of medicine—something that is increasingly gaining momentum and appreciation in the health care field.”

—Pooja Agarwal
(Biochemistry/Rehabilitation Service Minor '16),
Chicago

M.D. Candidate, University of Illinois College of Medicine

STAND OUT.

Our graduates are far from ordinary.
But we expect them to be extraordinary.

Our students have been placed in many excellent medical programs, including:

- Case Western Reserve University School of Medicine
- Chicago College of Pharmacy
- Illinois College of Optometry
- Indiana University School of Medicine
- New York University School of Medicine
- Northwestern University Feinberg School of Medicine
- Rush Medical College
- Saint Louis University School of Medicine
- University of Illinois at Chicago College of Dentistry
- University of Illinois College of Medicine
- University of Michigan Medical School
- University of Minnesota School of Dentistry
- University of Minnesota Medical School
- University of Wisconsin School of Medicine and Public Health
- University of Wisconsin-Madison School of Pharmacy



Prepare for Your Future

BIOLOGY/PSYCHOLOGY DOUBLE MAJOR

B.S. in Biology/B.S. in Psychological Science

Earn **two degrees** simultaneously in this challenging program geared toward pre-health students. Neuroscience, brain science, and cognitive science all are at the intersection of biology and psychology. Our program helps set pre-meds and others apart for medical school or graduate school.



“During my four years at Illinois Tech, I was offered the opportunity to partake in paid, basic science research, become a laboratory manager, participate in medical brigades in South America, become a founding member of a small scientific startup, meet world-renowned innovators and CEOs of top companies, shadow surgeries at some of the nation's top hospitals in Chicago, and help build prototypes to serve communities in third-world countries. All of these opportunities were presented to me. What do you think is awaiting you?”

—Mary Thomas (Molecular Biochemistry and Biophysics/Pre-Med '15),
Schererville, Indiana
M.D. Candidate, Indiana University School of Medicine

GET INVOLVED

Illinois Tech offers a variety of student group chapters for students interested in medical careers, including:

- American Medical Student Association
- Pre-Dental Society
- MEDLIFE (Medicine, Education, and Development for Low-Income Families Everywhere)



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