A CONVERGENCE OF HEALTH AND TECH

Master of Science in Information Systems, Health Tech

At the Jacobs Technion-Cornell Institute at Cornell Tech, we prepare already-inspired minds to create technologies that address critical health challenges for all of society. The MS in Health Tech will prepare you to lead innovation in mobile and wearable tech, machine learning, security, user interaction and more.

“The healthcare industry is one of the most complicated and complex to navigate as an innovator and entrepreneur. We need to bridge the gap in knowledge and experience between healthcare professionals and technologists. Students in our Health Tech program learn how to design new technologies tailored to healthcare—ones that society needs and the market wants.”
—DEBORAH ESTRIN, FOUNDER, HEALTH TECH HUB

MASTERING DIGITAL SOLUTIONS FOR HEALTHCARE DELIVERY

At Cornell Tech you will experience perspectives throughout the industries of technology, science and entrepreneurship. Courses centered around health technology, data and systems, medical literacy, the healthcare system and economics cover the opportunities and constraints in the complex field of Health Tech. In the classroom, faculty and students are joined by industry practitioners and experts. These advisors include practitioners from the United Health Group, New York-Presbyterian Hospital, North Shore-LIJ Health System, Rock Health and more.

A CURRICULUM DRIVEN BY THE DIGITAL AGE

The Health Tech curriculum was designed with the help of advisors from some of the leading healthcare companies today. Our goal in strategically developing our programs alongside industry professionals is to make sure upon graduation you are prepared to create innovative technologies, products and services that address the needs in health and healthcare today. You will get hands-on experience through a wide range of organizations, from young and eager start-ups to established and sought-after companies. In the future, you will need to know how to work across these different sectors of tech in order to influence a wide range of new technologies and approaches.

A PROJECT-BASED EDUCATION

Health Tech is a two-year program where you will receive a variety of technical, health and entrepreneurial courses. All of these components are connected through a project-based curriculum.

One third of the Health Tech program is built around the co-curriculum. In co-curriculum courses you will join forces with fellow Cornell Tech master’s students from different disciplines, to develop business solutions and technology-driven systems to solve relevant problems in tech today.

In the fall of your first year, you and classmates will be matched with companies to work on a project during Company Challenges. Over the course of the semester you and your team will work closely with a mentor from the challenger company to complete the project. The following spring and fall semesters will be devoted to an in-depth Specialization Project. This will be your opportunity to dive deep into a topic of your choosing within health technologies. During spring semester of your second year, you and a team of fellow students will nurture a startup idea from inception to maturity in Startup Studio.

These projects will give you practical experience collaborating with engineers and businesspeople from within and without the health industry.

OUR STUDENTS

The students we’re looking for have an academic background in either computer science or a related technical field, an entrepreneurial drive and a craving to become a leader in the health tech industry.

SAMPLE CAREER PATHS

As a student in the Health Tech Masters Program, you will graduate with the skills and knowledge that are essential to the future of technology-driven healthcare. Upon graduation you will be prepared for leadership roles throughout mobile/consumer health, insurance, hospital systems, 360-degree medical providers, life sciences/pharma companies, health IT, healthcare cloud computing and data analytics, and various other foundations, organizations, companies, and nonprofits driven by health tech.