



The Translating Discoveries into Applications Core, part of NYU Langone's Clinical and Translational Science Institute, aims to develop, expand, and provide life sciences entrepreneurship training and guidance. We hope the following course list expands the knowledge of relevant resources that are available across NYU schools and colleges to speed and enhance discoveries related to medical devices, therapeutics, diagnostics, software, information systems, and artificial intelligence.

## **NYU Washington Square**

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[NYU Entrepreneurship Institute](#) - We are a team of startup experts that offers funding, training and guidance to current and future NYU entrepreneurs. We also offer an annual, friendly pitch-off in collaboration with Yale.

### **College of Global Public Health**

Please see the [College of Global Public Health's course catalog](#) for more information on such courses as Public Health Entrepreneurial Ventures, Public Health Innovation and Entrepreneurship, and The Business and Psychology of Social Entrepreneurship.

### **Courant**

[NYU Courant MS-CEI: Master's of Science in Computing, Entrepreneurship, and Innovation](#) - The MS-CEI is designed to train future generations of technology entrepreneurs in the fundamentals of computer science and entrepreneurship.

### **Rory Meyers College of Nursing**

Please see the [Rory Meyers College of Nursing's website](#) for more information on such courses as STEM Nursing Innovation, NYU-X Lab Practicum: Health Technology Education and Innovation, and Professional Nursing/Social Change: Principles/Practices of Social Entrepreneurship.

## **NYU Stern School of Business**

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Please see the [NYU Stern School of Business's course index](#) for more information on such courses as Strategy I, Business Communication, and Business Law.

[NYU Stern's Berkley Center for Entrepreneurship](#) - NYU Stern's Berkley Center for Entrepreneurship arms students with hands-on startup experiences and offers faculty and alumni platforms to launch ventures.

[Endless Frontiers Lab](#) - Startups in the Life Sciences track develop translational treatments and tools that address unmet health needs.

## NYU Tandon School of Engineering

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Please see the [NYU Tandon School of Engineering's website](#) for more information on such courses as Project in Biotechnology and Entrepreneurship I/II, Engineering and Technology Forum, Entrepreneurship and Financial Management, Entrepreneurship, Technology Strategy, and Ideation and Prototyping.

[NYU Tandon's Convergence of Innovation & Entrepreneurship \(CIE\) Institute](#) - NYU Tandon's CIE Institute supports initiatives that help faculty and students reach greater heights by harnessing important technologies and reimagining business ideas.

[Future Labs](#) - NYU Tandon Future Labs help emerging companies transform into thriving businesses by providing guidance, expertise, resources, and community that startups need to succeed.

[Institute for Invention, Innovation, and Entrepreneurship](#) - The Institute for Invention, Innovation, and Entrepreneurship serves as the focal point for all research, educational, and service activities in support of Tandon's goal to integrate innovation, and entrepreneurship into its academic culture.

[NYU Tandon School of Engineering MakerSpace](#) - The new NYU Tandon School of Engineering MakerSpace is a collaborative workspace and lab that provides opportunities for students and faculty to engage in innovative and entrepreneurial activities, like 3D printing resources.

## NYU Grossman School of Medicine

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### **MS in Clinical Investigation program with concentration in Health Innovations & Therapeutics**

As a master of science in clinical investigation (MSCI) candidate, you prepare for a career in translational research by working closely with distinguished faculty and research mentors to gain foundational knowledge in research methods that support the development of new drugs and devices. We offer several different concentrations in the two-year program.

In our health innovations and therapeutics concentration, students learn how to accelerate the movement of scientific knowledge into the clinic and bridge the ever-narrowing gap between basic science and the innovations that bring it into practical use.

[Certificate in Health Innovations & Therapeutics](#) - Our Certificate in Health Innovations and Therapeutics program prepares clinicians, research investigators, and healthcare professionals at NYU Langone and its NYC Health + Hospitals affiliates to engage in drug innovation, discovery, and development.

As part of this nine-credit certificate program, you complete course offerings from the health innovations and therapeutics concentration in our [MS in Clinical Investigation](#), including Biotechnology Industry, Structure, and Strategy; Drug Development in a New Era; and Molecular Signaling in the Development and Discovery of Therapeutics.

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**Biomedical Entrepreneurship Program** - The Biomedical Entrepreneurship Program helps accelerate the commercialization of biomedical discoveries and inventions made at NYU. Developed by Technology Ventures and Partnerships in collaboration with the NYU Entrepreneurial Institute.

**Introduction to Biomedical Entrepreneurship** - This course provides an introduction to biomedical entrepreneurship with a special focus on the commercialization of academic discoveries and inventions and the entrepreneurial journey of scientist–entrepreneurs. Through a variety of reading materials, videos, exercises, lectures, and case studies presented by guest speakers, participants gain an understanding of the requirements for launching and building a new venture in the complex and highly regulated life sciences industry, and of the special challenges related to long timelines, reimbursement, globalization, and other factors.

**Valuation Course** - This class will introduce the key financial concepts encountered by biomedical entrepreneurs when starting a new company in the biopharma space. Topics include equity sharing arrangements for academic founders; dilutive events for early stage startups and effects on the cap table; term sheets; and valuation considerations and exemplars.