

CLINICAL AND TRANSLATIONAL INVESTIGATION (ADVANCED CERTIFICATE)

Department Website (<https://med.nyu.edu/departments-institutes/clinical-translational-science/education/>)

NYSED: 34329 HEGIS: 1299.00 CIP: 51.9999

Program Description

The Certificate in Translational Research Program provides foundational training in clinical and translational research methods to healthcare professionals.

Applicants are expected to have completed a masters or doctoral degree, or have experience in or plans to participate in a relevant field of research. The program is open to NYU Langone–affiliated healthcare professionals, including dental, medical, and nursing school postdoctoral trainees and faculty, members of H+H affiliates of the NYU Clinical and Translational Science Institute, and individuals from other institutions affiliated with the Clinical and Translational Science Awards of the National Institutes of Health (NIH).

As part of this nine-credit certificate program, you complete two required courses—Clinical Research Methods and Introduction to Biostatistical Analysis—and select an elective from the translational research concentration in our MS in Clinical Investigation (<https://med.nyu.edu/departments-institutes/clinical-translational-science/education/degree-programs/ms-clinical-investigation/>). When you complete the program, you receive a New York State–approved Certificate in Translational Research.

Admissions

Admission to the Advanced Certificate program requires the following:

- Online Application
- Curriculum Vitae (CV)
- Personal Statement
- Transcript
- Letters of Recommendation
- Letter of financial responsibility

Admission is selective and based on the applicant’s prior academic record and professional achievements.

Due to constraints relevant to US immigration regulations, applicants who will need an F-1 or J-1 student visa are not eligible to apply to certificate programs.

Students currently enrolled in the MSCI program cannot be admitted to nor simultaneously enrolled in our Advanced Certificate Programs.

Program Requirements

Course	Title	Credits
Required Courses		
Clinical Research Methods		3

Introduction to Biostatistical Analysis	3
Electives	
<i>Select 3 credits from the following:</i>	3
Advanced Epidemiology	
Biomolecular Medicine	
Clinical Trials Design	
Drug Development in a New Era	
Health Services Research	
Introduction to Health Informatics	
Total Credits	9

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
Clinical Research Methods		3
Introduction to Biostatistical Analysis		3
Credits		6
2nd Semester/Term		
Elective		3
Credits		3
Total Credits		9

Learning Outcomes

Upon completion of the program, graduates will:

1. Obtain a solid foundation in the essential principles of translational research.
2. Develop practical skills in clinical research methods for effective application.
3. Apply statistical methods to analyze and interpret data.
4. Synthesize knowledge gained throughout the program to contribute meaningfully to translational research’s interdisciplinary and collaborative nature.

Policies

NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

Grossman School of Medicine Policies

A list of related academic policies can be found on the Grossman School of Medicine Academic Policies page (<https://bulletins.nyu.edu/graduate/medicine-grossman/academic-policies/>).