HEALTHCARE DELIVERY SCIENCE (ADVANCED CERTIFICATE)

NYSED: 42472 **HEGIS:** 1299.00 **CIP:** 51.0000

Program Description

The Certificate in Healthcare Delivery Science provides students with the tools and knowledge to develop, test, and share strategies to improve the delivery of healthcare. The program focuses on the unique methods and areas of healthcare delivery science, which include implementation science, quality of care improvement, patient safety, change management, and institutional policy.

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 the following courses: Healthcare Delivery Science, Analytic Techniques for Healthcare Delivery Science, and a third course of your choosing. For the third course you may choose from Advanced Biostatistical Analysis, Advanced Epidemiology, Health Services Research, or Introduction to Dissemination and Implementation Science Research. When you complete the program, you receive a New York State–approved Certificate in Healthcare Delivery Science. Read the full course descriptions for the Certificate in Healthcare Delivery Science.

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		
Healthcare Delivery Science		3
Analytic Techniques for Healthcare Delivery Science		3
Electives		
Select 3 credits from the following:		3
Advanced Biostatistical Analysis		
Advanced Epidemiology		
Health Services Research		
Introduction to Dissemination and Implementation Science		
Total Credits		**9**

Sample Plan of Study

Course	Title	Credits
1st Semester/Term		
Healthcare Delivery Science		3
	Credits	**3**
2nd Semester/Term		
Analytic Techniques for Healthcare Delivery Science		3
Elective		3
	Credits	**6**
	Total Credits	**9**

Learning Outcomes

Upon completion of the program, graduates will:

1. Develop the skills to design, test, and refine strategies to enhance healthcare delivery.
2. Master unique methodologies in healthcare delivery science, including implementation science, quality improvement, patient safety, change management, and institutional policy.
3. Apply knowledge to contribute to developing and enhancing institutional policies in healthcare delivery science.

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 on the Grossman School of Medicine Academic Policies page (https://bulletins.nyu.edu/graduate/medicine-grossman/academic-policies/).