

CLINICAL RESEARCH (MS)

NYSED: 23732 HEGIS: 1299.00 CIP: 26.0102

Program Description

The Department of Epidemiology and Health Promotion at the NYU College of Dentistry offers a one-year, 30-credit MS degree in Clinical Research. The program can be taken part-time over a two-year period. Applicants must possess a minimum of a BA or BS degree, or equivalent. The MS degree combines a unique classroom experience in learning with 24 credits dedicated to the fundamentals of the design and conduct of clinical research and clinical trials in human subjects, with a practicum of 6 credits comprising of seminars, IRB attendance, clinical trial observation, preparation for ACRP certifications, and a 20-hour rotation at a Langone Health location.

The MS program in Clinical Research is designed to produce competent clinical researchers through a unique educational experience consisting of clinical research methodology, epidemiology and biostatistics, ethical and regulatory principles, and evidence-based healthcare. Students enrolled in the MS program come from varied backgrounds from across the US and the world, including individuals interested in the health sciences and healthcare related careers, pharmaceutical industry employees, academics, PhDs in various science fields, and foreign and US trained dentists and physicians interested in becoming Principal Investigators on their own research projects. Graduates of the MS program in Clinical Research have obtained positions in academia, industry, and government institutions or have pursued professional degrees in medicine, dentistry, and public health.

Admissions

See Master's Degree Programs (<https://dental.nyu.edu/education/masters-degree-programs.html>) for admission requirements and instructions specific to this program.

Program Requirements

The program requires the completion of 30 credits, comprised of the following:

Course	Title	Credits
Major Requirements		
CLSCI-DN 7016	Practicum in Clinical Research Center I	3
CLSCI-DN 7030	Fund of Clin Trials I	3
CLSCI-DN 8925	Epidemiology	3
CLSCI-DN 7050	Federal Regulations & Federal Agencies	2
CLSCI-DN 7080	Bioethical Issues & Irb Skills	2
CLSCI-DN 8926	Evidenced-Based Healthcare	3
CLSCI-DN 7021	Practicum in Clinical Research Center II	3
CLSCI-DN 7035	Fund of Clinical Trials II	3
CLSCI-DN 7060	Fund of Data Mgmt I	2
CLSCI-DN 7090	Scientific Writing	3
CLSCI-DN 7040	Biostatistics I	3
Total Credits		30

Sample Plan of Study

Full-Time Sample Plan

Course	Title	Credits
1st Semester/Term		
CLSCI-DN 7016	Practicum in Clinical Research Center I	3
CLSCI-DN 7030	Fund of Clin Trials I	3
CLSCI-DN 7050	Federal Regulations & Federal Agencies	2
CLSCI-DN 7080	Bioethical Issues & Irb Skills	2
CLSCI-DN 7040	Biostatistics I	3
	Credits	13
2nd Semester/Term		
CLSCI-DN 8926	Evidenced-Based Healthcare ¹	3
	Credits	3
3rd Semester/Term		
CLSCI-DN 7021	Practicum in Clinical Research Center II	3
CLSCI-DN 7035	Fund of Clinical Trials II	3
CLSCI-DN 7060	Fund of Data Mgmt I	2
CLSCI-DN 7090	Scientific Writing	3
CLSCI-DN 8925	Epidemiology	3
	Credits	14
	Total Credits	30

¹ This is an intensive course offered in January.

Part-Time Sample Plan

Course	Title	Credits
1st Semester/Term		
CLSCI-DN 7030	Fund of Clin Trials I	3
CLSCI-DN 7080	Bioethical Issues & Irb Skills	2
	Credits	5
2nd Semester/Term		
CLSCI-DN 8926	Evidenced-Based Healthcare ¹	3
	Credits	3
3rd Semester/Term		
CLSCI-DN 7035	Fund of Clinical Trials II	3
CLSCI-DN 7060	Fund of Data Mgmt I	2
CLSCI-DN 8925	Epidemiology	3
	Credits	8
4th Semester/Term		
CLSCI-DN 7016	Practicum in Clinical Research Center I	3
CLSCI-DN 7040	Biostatistics I	3
CLSCI-DN 7050	Federal Regulations & Federal Agencies	2
	Credits	8
5th Semester/Term		
CLSCI-DN 7021	Practicum in Clinical Research Center II	3
CLSCI-DN 7090	Scientific Writing	3
	Credits	6
	Total Credits	30

¹ This is an intensive course offered in January.

Learning Outcomes

Upon successful completion of the program, graduates will:

1. Be prepared for multiple different career types within the field of clinical research, including roles in clinical research organizations, the pharmaceutical industry, and academic institutions.

2. Be provided with the skills and knowledge necessary to obtain certification in the Association of Clinical Research Professionals upon successful passage of the exam.
3. Understand the clinical trial phases, federal regulations, ethical responsibilities, and analytic requirements to support a clinical research process.

Policies

NYU Policies

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

College of Dentistry Policies

A full list of related academic policies can be found on the College of Dentistry Academic Policies page (<https://bulletins.nyu.edu/graduate/dentistry/academic-policies/>).