

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/>).