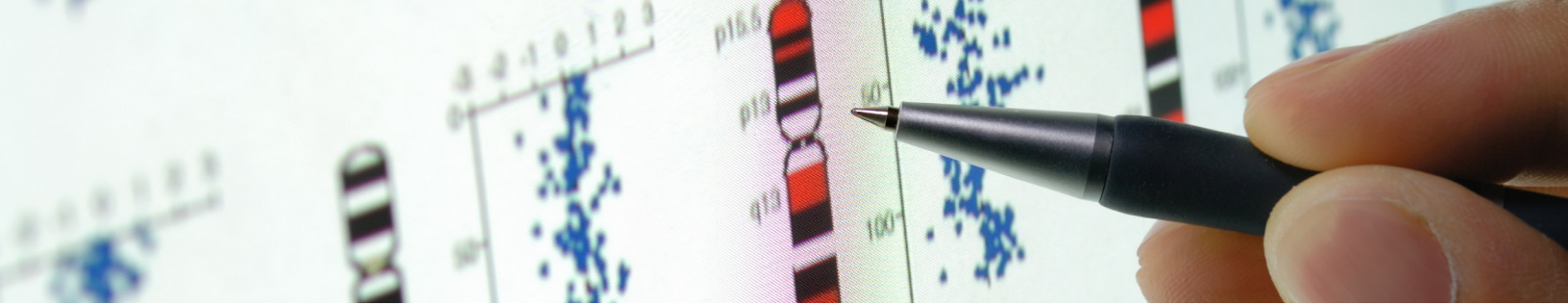




Boston University School of Medicine
Graduate Medical Sciences



MASTER OF SCIENCE IN CLINICAL RESEARCH



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Boston University School of Medicine
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Program Highlights:

- The program covers all aspects of clinical research including designing research studies, good clinical practice, actively managing patient-based research, biostatistics and data analysis, as well as regulatory and compliance issues
- The program requires 32 credits of course work; 22 required credits, including a practicum and capstone project, and 10 elective credits.
- Courses are offered through the Graduate Medical Sciences Division and delivered at BU's School of Medicine
- Students can choose practicum experiences (a minimum of 240 hours of hands-on, field-based learning), from a broad range of academic and industry settings
- Coursework emphasizes practical, applied learning. Faculty, all of whom are active practitioners in the field, share real world case histories, and there is a significant amount of group work, modeling the collaborative nature of clinical research
- Full-time students have the opportunity to complete the program in one academic year including summer. Part-time students have up to five years to complete the components required for the degree.
- The degree is awarded by the Division of Graduate Medical Sciences at Boston University School of Medicine

Program Overview

The Master of Science in Clinical Investigation trains individuals to fill the increasing demand for professionals at academic institutions and in the biotechnology, pharmaceutical and medical device industries who are capable of translating laboratory-based discoveries into research with human subjects. Graduates are well prepared to develop study protocols, work directly with subjects, interpret data, and train and educate others in the field.

Program graduates are qualified to sit for several of the clinical research certification exams offered by the Association of Clinical Research Professionals (ACRP), the Society of Clinical Research Associates, and the Academy of Pharmaceutical Physicians and Investigators.

OUR MISSION

Inspire, Instruct, Innovate... The MS in Clinical Research program is dedicated to the discovery, development, and application of knowledge as it pertains to all areas of clinical research. Our mission is to foster an engaging and effective educational environment that promotes the pursuit of outstanding teaching and learning through formal classroom and practical training. With established collaborative relationships with pharmaceutical, biotech, and academic institutions, students are provided with unique opportunities to pursue clinical research in areas that are of personal and professional interest.



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CURRICULUM

Required Courses:

Management of Clinical Trials	4 credits
Regulatory and Compliance Issues	4 credits
Biostatistics with Computing	4 credits
Designing Clinical Research Studies	4 credits
Seminar in Clinical Investigation	2 credits

Elective Courses Options:

Good Clinical Practices in Clinical Research	4 credits
Ethical Issues in Clinical Research	2 credits
Applied Regression Analysis with Computing	3 credits
Professionalism and Scientific Writing	2 credits
Directed Studies in Clinical Research	2 credits
Thesis Research in Clinical Research	2 credits
Bench to Bedside: Translating Biomedical Innovation from Laboratory to the Marketplace	4 credits
Molecules to Molecular Therapeutics	4 credits
Introduction to Medical Pharmacology	4 credits
Advanced General Pharmacology	2 credits
Drug Discovery and Development	2 credits
Introduction to Epidemiology	3 credits
Topics in Biostatistics	4 credits
The Biotechnology Industry	4 credits

Students may also choose from a wide variety of related elective courses offered through the Division of Graduate Medical Sciences. Students may also choose one elective course from outside of the Division.

Tuition, Financial Aid and Student Resources

For the most up to date information on tuition and fees please visit www.bumc.bu.edu/gms/students/financing-options. The Financial Aid Office at Boston University School of Medicine is available to assist students in identifying sources of financial support including subsidized and unsubsidized student loans. A limited number of scholarships are awarded each year to highly qualified students. The BU Office of Housing Resources provides information regarding housing, transportation, and Boston neighborhoods. For more details, visit www.bumc.bu.edu/ohr.

MASTER OF SCIENCE IN CLINICAL RESEARCH



Admissions Criteria

Applicants for admission to the M.S. in Clinical Research should:

Meet the requirements for a bachelor's degree from an accredited institution – an undergraduate degree with an academic background that includes science courses is recommended, with a grade point average of 3.0 or higher.

Submit scores from the Graduate Record Examination (GRE) General Test or the Medical College Admissions Test (MCAT). GRE tests should reflect placement in the 70th percentile or above. The average standardized test scores for MCAT are 25-30 for verbal reasoning, biological and physical science tests and "0" for the writing sample. Other tests may be substituted for the GRE with special permission from the Program Director.

Submit the Test of English as a Foreign Language (TOEFL) if native language is not English. Results of the TOEFL must be 550 or higher.

Application Deadline

We offer rolling admissions and review applications throughout the year. However, it is recommended that you submit your application by July 1 for September admission and December 1 for January admission.

Application Requirements

A completed application consists of the application, a personal statement, three letters of recommendation, and official transcripts for all colleges and universities attended.

Please go to www.bumc.bu.edu/gms to apply online.

Interested in Sampling the Program?

Prospective students wishing to sample the program by completing one to two courses as a non-degree student are still required to complete the standard application.

Program Options Through the Boston University School of Medicine Graduate Medical Sciences Include:

- Part-time / Full-time Option
- MS Medical Sciences / MS in Clinical Research (MSMS/MSCR dual degree)
- Doctor of Medicine / MS in Clinical Research (MD/MSCR dual degree)
- Hybrid Graduate Certificate Program
- Online Graduate Certificate Program

For more information contact:

Stacey Hess Pino, MS, MS
72 East Concord Street, Room L-317A
Boston, MA 02118
617-358-9528
sahess@bu.edu