

Clinical Investigation MS

LEWIS KATZ SCHOOL OF MEDICINE

About the Program

The MS in Clinical Investigation is designed for physicians, medical and graduate students, and other qualified trainees from within and beyond our health system. The opportunity for junior faculty, residents, and fellows to gain formal research training will be of considerable benefit for retention, while bolstering their research skills and competitiveness for funding. The program's curriculum features faculty from the School of Pharmacy and the LKSOM. Coursework is complemented by mentored clinical research, culminating in writing and defending a thesis. For the Certificate track, the trainee's capstone project produces two sections of an Investigational New Drug application. Trainee success is ensured by both our exceptional clinical research environment, provided by TUHS and the Fox Chase Cancer Center (FCCC), and the effective mentoring our students will receive from our superb clinical researchers.

Time Limit for Degree Completion: 3 years

Campus Location: Health Sciences Center. With the permission of the student's Advisory Committee, elective courses not offered at HSC may be taken at other campuses.

Full-Time/Part-Time Status: The MS degree program can be completed on a full- or part-time basis.

Interdisciplinary Study: The graduate program in Biomedical Sciences is interdisciplinary and emphasizes translational research. Students have the opportunity to work with faculty in disease-based research centers in the Lewis Katz School of Medicine, including the Center for Inflammation and Lung Research; Center for Metabolic Disease Research; Center for Neurovirology and Gene Editing; Center for Substance Abuse Research; Center for Translational Medicine; Comprehensive NeuroAIDS Center; Fels Cancer Institute for Personalized Medicine; Independence Blue Cross Cardiovascular Research Center; Shriners Hospitals Pediatric Research Center; Sol Sherry Thrombosis Research Center; and Temple Autoimmunity Center.

Ranking: In 2023, *U.S. News & World Report* ranked the Lewis Katz School of Medicine at Temple University number 68 in Research and among the Best Medical Schools.

Admission Requirements and Deadlines

Application Deadline:

Fall: Rolling admissions

APPLY ONLINE to this graduate program.

Letters of Reference:

Number Required: 2

From Whom: Letters of recommendation should be obtained from faculty and supervisors of research experiences.

Bachelor's Degree in Discipline/Related Discipline: A baccalaureate degree in a related field is required.

Statement of Goals: In approximately 500 to 1,000 words, describe your interest in Temple's graduate program, research interests and past experience, future career goals, and academic and research achievements.

Standardized Test Scores:

GRE: Optional. Students are not required to submit standardized scores, including GRE or MCAT scores, to supplement their application.

Applicants who earned their baccalaureate degree from an institution where the language of instruction was other than English, with the exception of those who subsequently earned a master's degree at a U.S. institution, must report scores for a standardized test of English that meet these minimums:

- TOEFL iBT: 79
- IELTS Academic: 6.5
- PTE Academic: 53

Transfer Credit: Graduate credits from an accredited institution may be transferred into the MS program in Clinical Investigation. The completed courses must be equivalent in content to coursework offered at Temple, and the grades earned must be a "B" or better in order to transfer credits. The Associate Dean reviews the syllabus from the completed course(s) to determine equivalency and makes the recommendation to accept the credits for transfer.

Program Requirements

General Program Requirements:

Number of Credit Required Beyond the Baccalaureate: 30

Required courses:

Code	Title	Credit Hours
CLIV 8101	Leveraging Artificial Intelligence Approaches to Scientific Research and Writing	3
CLIV 8102	Research Applications for Biostatistics and Data Science	3
CLIV 8103	Clinical Data: Operations, Origins and Ownership	1
CLIV 8201	Ethics and Health Justice in Clinical Trials	3
CLIV 8501	Clinical Investigation Journal Discussion ¹	4
ACMS 5008	Medical Pharmacology	4
QARA 5537	Clinical Trial Management	3
CLIV 9996	Masters Thesis Research ²	9
Total Credit Hours		30

¹ Four (4) credits must be completed during the period enrolled.

² Seven (7) credits are required if enrolling in BMSC 8502 as an elective.

Contacts

Department Information:

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Submission Address for Application Materials:

https://connect.temple.edu/portal/gr_applytoday

Department Contacts:

Assistant Dean - Clinical Research:

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