GRADUATE CERTIFICATE IN CLINICAL RESEARCH

Student Learning Outcomes

Students graduating from this program will:

- Have the ability to perform statistical analysis
- Have the ability to generate a research hypothesis
- Have the ability to propose, conduct, and report research
- Have the ability to critique and communicate scientific findings
- Have the ability to compare the strengths and weaknesses of common epidemiologic study design and concepts (confounding, bias)

Program Description

The Department of Biomedical and Health Informatics (DBHI) at the School of Medicine (SOM) offers a Graduate Certificate in Clinical Research. The Graduate Certificate is a valuable credential for health care professionals who want exposure to the fundamentals of clinical research methods and applications. Junior faculty, clinical fellows, physicians, nurses, pharmacists, dentists, clinical research coordinators, and other health professionals will advance their research careers and become more discriminate consumers of research upon completion of this program.

Please visit our Department Website (http://med.umkc.edu/dbhi/) to learn more about this program.

Curriculum Description

Students must complete the following courses while maintaining a 3.0 or better grade point average to earn the Graduate Certificate:

Code	Title	Credits
MEDB 5501	Applied Biostatistics I	3
MEDB 5510	Clinical Research Methodology	3
MEDB 5511	Principles and Applications of Epidemiology	3
MEDB 5512	Clinical Trials	3
MEDB 5513	Overview of Health Services Research	3

Since the Graduate Certificate includes coursework that counts toward the Master of Science in Bioinformatics (MSB) Degree, Graduate Certificate graduates will be offered the option of applying to the MSB program. If accepted, they will be able to apply 15 credit hours towards completion of the MSB degree or the MSB with an emphasis in Clinical Research.

Admission Requirements

Please visit our Admissions Page (http://med.umkc.edu/gc-clinical-research/) to learn about our requirements.