

University of Missouri-Kansas City
MASTER OF SCIENCE BIOINFORMATICS, COMPUTATIONAL EMPHASIS
PROGRAM OF STUDY

Students should complete this form in consultation with their faculty advisor before finishing 60% of required coursework. Please submit the completed, signed form to the Department of Biomedical and Health Informatics.

Full Name (printed): _____

Student ID Number: _____

Please list below the courses proposed for your advanced degree program. Note: *Over and above the undergraduate prerequisites for graduate work in the special field, the student must present at least 36 credit hours (including 6 credit hours of Research and Thesis or 3 credit hours of Capstone Experience) from courses receiving graduate credit. At least 60% of the total number of hours applicable to the degree program must be at the 500 and 600 levels.*

Required Courses (24 credit hours)	Credit Hours	Semester	Grade	Notes (e.g. committee approvals for: transfer courses, substitution for required course, etc.)
MEDB 5501: Biostatistics I	3			
MEDB 5502: Biostatistics II	3			
MEDB 5510: Clinical Research Methodology	3			
MEDB 5520: Introduction to Medical Informatics	3			
MEDB 5561: Responsible Conduct of Research	3			
COMP-SCI 470: Introduction to Database Management Systems	3			
OR				
COMP-SCI 371: Database Design, Implementation, and Validation	3			
COMP-SCI 5566: Introduction to Bioinformatics	3			
COMP-SCI 5567: Machine Learning in Bioinformatics	3			
MEDB 5599: Research and Thesis	3			
MEDB 5599: Research and Thesis	3			
OR				
MEDB 5595: Capstone Experience	3			
Electives (6 credit hours if Thesis or 9 credit hours if Capstone)				
Requirement: Thesis with public, oral defense (6 credit hours) or Capstone with presentation and written submission (3 credit hours). Circle the option student will complete: Thesis or Capstone.				
Total Credit Hours (at least 36)				

Student Signature Date

Advisor Signature Date

Chair, Biomedical and Health Informatics Signature Date

Chair, SOM Graduate Council Signature Date