

University of Missouri-Kansas City
MASTER OF SCIENCE BIOINFORMATICS, GENOMICS 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 39 credit hours (including 6 credit hours of Research and Thesis) 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 (39 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 5561: Responsible Conduct of Research	3			
LSCBB 5530: Cell and Molecular Biology I	3			
LSCBB 5520: Cell and Molecular Biology II	3			
COMP-SCI 470: Introduction to Database Management and Systems	3			
OR				
COMP-SCI 371: Database Design, Implementation, and Validation	3			
LSMBB 5561: Biochemistry I	3			
LSMBB 5562: Biochemistry II	3			
BIOL 5519: Principles of Evolution	3			
BIOL 5525: Bioinformatics and Data Analysis	3			
MEDB 5599: Research and Thesis	3			
MEDB 5599: Research and Thesis	3			
Requirement: Thesis with public, oral defense.				
Total Credit Hours (at least 39)				

 Student Signature

 Date

 Advisor Signature

 Date

 Chair, Biomedical and Health Informatics Signature

 Date

 Chair, SOM Graduate Council Signature

 Date