PH.D., BIOMEDICAL SCIENCES

Ph.D., Biomedical Sciences degree requirements: 90 credits

The student will select a major advisor and the student and his/her major advisor along with an advisory committee will formulate a plan of study. The advisory committee will assist the student during the entire program.

degree requirements:

Code	Title	Credits
Foundation Course		
BMS 622	Biochemistry, Molecular and Cell Biology	4
Tool Courses		
IDC 601	Responsible Conduct of Research	1
IDC 625	Introduction to Biostatistics for the Biomedical Sciences	3
IDC 627	Research Methods	3
IDC 701	Research Writing	3
Elective Courses		**18**
BMS 630	Fundamentals of Hearing	
BMS 720	Advanced Topics in Molecular Structure/Function	
BMS 730	Advanced Topics in Cell and Molecular Biology	
BMS 740	Advanced Topics in Physiology	
BMS 750	Advanced Topics in Morphology and Anatomy	
BMS 760	Advance Topics in Neuroscience	
BMS 795	Directed Independent Study	
Repeating Courses		
BMS 791	Seminar (every semester)	8
BMS 792	Journal Club (every semester)	8
BMS 797	Directed Independent Research (maximum of 45 credits can be applied to degree)	36
Degree Completion Course		
BMS 899	Doctoral Dissertation [1]	6
Total Credits		**90**

[1] *Advancement to Candidacy*
Ph.D. students are required to pass a qualifying examination according to the guidelines of the Graduate School.
Dissertation
Ph.D. candidates must present and defend a dissertation. The defense is open to the public, but only the examining committee may participate directly in the examination. Copies of the dissertation must be presented to the advisory committee and the Graduate Dean at least 30 days prior to the defense.