

# BIOMEDICAL SCIENCES

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.

## M.S., Major in Biomedical Sciences requirements: 30 credits

Code	Title	Credits
<b>Foundation Course</b>		
BMS 604	Fundamentals Of Cell And Molecular Biology	3
<b>Tool Course</b>		
IDC 601	Responsible Conduct of Research	1
<b>Elective Courses</b>		
Choose 2 courses (6 credits minimum), from the following:		
BMS 605	Fundamentals of Genetics and Molecular and Cellular Pathology	
BMS 630	Fundamentals of Hearing	
BMS 706	Advanced Cell and Molecular Biology	
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	
CAN 630	Human Neuroanatomy	
IDC 625	Introduction to Biostatistics for the Biomedical Sciences	
IDC 627	Research Methods	
IDC 701	Research Writing	
<b>Repeating Courses</b>		
BMS 791	Seminar (every semester)	4
BMS 792	Journal Club (every semester)	4
BMS 797	Directed Independent Research	3-6
<b>Degree Completion Course</b>		
BMS 799	Master's Thesis <sup>1</sup>	1-3

<sup>1</sup> *Thesis/Dissertation*

M.S. candidates must present and defend a thesis. The defense is open to the public, but only the examining committee may participate directly in the examination. Copies of the thesis must be presented to their advisory committee and the Graduate Dean at least 30 days prior to the defense.