

Minor in BME			
Semester 5			
Course no	Course name	Credits	Total Credits/Sem
BM 5013	Sensors and Transducers in Health care	2	
BM 5050	Introduction to Brain and Neuroscience	1	3
BM 5110	Lab On Chip	1	
BM 5090	Biomaterials: Materials in Medicine	2	
Semester 6			
BM 6140	Theoretical & Computational Neuroscience: From cell to systems	2	
BM 6090	Biomedical imaging	2	4
BM 6070	Biomicrofluidics	2	
BM 6120	Tissue Engineering	2	
Semester 7			
BM 5040	Biomechanics	1	
BM 5060	Cellular physiology	0.5	3
BM 5070	Systems Physiology	1.5	
BM 5050	Introduction to Brain and Neuroscience	1	
Semester 8			
BM 6055	Independent research study	2	2
BM 6080	Advanced Biomechanics	2	
BM 6150	Mathematical Physiology and Modeling	2	
BM 6110	Nanomedicine	2	
BM 5141	Advanced Biomaterials	1	
	Total Credits		12