

**Biomedical Signals and Images Supplement to the
BME Degree Worksheet
for Students Following Catalog Year 2009-2010**

Eng credit	√	Course	Course Name	Prerequisites	Add'l Info
Take both of the following courses					
1		BME 325	Introduction to Medical Imaging	Physics 135-3 or equivalent	
1		EECS 302	Probabilistic Systems and Random Signals	Math 230	
Take one of the following courses					
1		BME 327 ⁺	Magnetic Resonance Imaging	Physics 135-3	
1		BME 333 ⁺	Modern Optical Microscopy and Imaging		
Take two of the following courses					
1		BME 323	Visual Science	Physics 135-2	
1		BME 327 ⁺	Magnetic Resonance Imaging	Physics 135-3	
1		BME 333 ⁺	Modern Optical Microscopy and Imaging		
1		BME 383	Cardiovascular Instrumentation	EECS 202, 270, equivalent or consent of instructor	
1		BME 495	Biomedical Imaging Principles and Applications		
0.5		EECS 328	Numerical Methods for Engineers	Gen Eng 205-1,2,3; Math 220,224, 230	
1		EECS 360	Introduction to Feedback Systems	EECS 222	
0		PHY 357	Bio-Photonics Laboratory	Consent of instructor	

⁺BME 327 and BME 333 are listed in two places in this track because both courses can count toward this track. Neither course may be double-counted, however.