

**Biomechanics and Rehabilitation 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 366	Biomechanics of Movement	ME 202, BME 271, or instructor consent	
1		BME 371	Mechanics of Biological Tissue	Gen Eng 205-1, 2; BME 271	
Take one of the following courses					
1		BME 346	Tissue Engineering	Biol Sci 210-2 or Chem Eng 375; Gen Eng 205-3	
1		BME 349	Bioregenerative Engineering	Biol Sci 210-2	
Take two of the following courses					
1		BME 344	Biological Performance of Materials	Mat Sci 201	
1		BME 365	Human Limbs and their Artificial Replacements	Senior standing	
1		BME 377	Intermediate Fluid Mechanics in Engineering and Biology	BME 270 or instructor consent	
1		CIV ENG 327	Finite Element Methods in Mechanics		
1		MECH ENG 315	Theory of Machines-Design	Mat Sci 201; Civ Eng 216	
1		MECH ENG 362	Stress Analysis	Mech Eng 262 or Civ Eng 216	
1		MECH ENG 389	Molecular Machines in Biology	Math 230 or instructor consent	
1		MECH ENG 391	Fundamentals of Control Systems	Mech Eng 390 or instructor consent	
1		EECS 360	Introduction to Feedback Systems	EECS 222	