

Courses that satisfy BME MS project requirements

- Classes in other departments will be given serious consideration. Please talk with your advisor and then submit a petition to Prof. Hartmann before taking the classes.
- Requirements for a project class: Takes 2-4 weeks of time; paper (10+ pages) and/or class presentation (20 minutes minimum).

310 Cellular and Molecular Aspects of Bioengineering	Liu	Fall 2009 (offered every year)
325 Introduction to Medical Imaging	Sahakian	Fall 2009 (offered every year)
346 Tissue Engineering	Ameer	Spring 2010 (offered every year)
349 Bioregenerative Engineering	Liu	Winter 2010 (offered every year)
365 Human Limbs and Their Artificial Replacement	Gard	Winter 2010 (offered every year)
366 Biomechanics of Movement	Zhang	Spring 2010 You will need to contact Prof. Zhang directly to find out whether this class is offered every year or every other year. (l-zhang@northwestern.edu)
EECS 395 Cardiovascular Instrumentation	Sahakian	Winter 2010, subsequent schedule to be determined
427 Advanced MR Imaging	Carroll	You will need to contact Prof. Carroll directly to find out the years and terms this class is offered (t-carroll@northwestern.edu)
460 Neural Engineering: Fundamentals	Troy	Winter 2010 and every other year
467 Biomedical Robotics	Mussa-Ivaldi	Spring 2010 and every other year
475 Cardiovascular Biology and Engineering	Liu	Spring 2010 (offered every year)
469 Neural Control and Mechanics of Movement	Tresch	May be offered in Spring 2010. Check back for updates
323 Visual Science	Troy	Not offered 2009-10, offered Winter 2011 and every other year
343 Biomaterials and Medical Devices	Messersmith	Not offered 2009-10, offered Fall 2010 and every other year
461 Neural Engineering: Computational Neuromechanics & Neuroethology	MacIver	Not offered 2009-10, offered Fall 2010 and every other year
462 Neural Engineering: Sensory Acquisition through Movement	Hartmann	Not offered 2009-10, offered Winter 2011 and every other year
463 Neuropathophysiology	Perreault, Dewald	Not offered 2009-10, offered Winter 2011 and every other year
465 Biomechanical Modeling and Computer Simulation of Human Movement	Murray	Not offered 2009-10, offered Spring 2011 and every other year