

Fall 2009 Classes		Spring 2010 Classes	
Course #	Course Title	Course #	Course Title
BE200	Introduction to Probability	BE200	Introduction to Probability
BE401	Signals and Systems	BE209	Principles of Molecular Cell Biology and Biotechnology
BE420	Introduction to Solid Biomechanics	BE402	Control Systems in BME
BE465	BME Senior Project	BE436	Fundamentals of Fluid Mechanics
BE466	BME Senior Project	BE465	BME Senior Project
BE467	Design, Dev., Marketing and Entre. in BME	BE466	BME Senior Project
BE491	Engineering Physiology Lab I	BE492	Engineering Physiology Lab II
BE500A1	Computational Biology	BE500A1	Natural Computation and Biological Systems
BE500A2	Pathophysiology	BE506	Physical Chemistry of Cell Structure and Machinery
BE505	Molecular Bioengineering I	BE508	Quantitative Aspects of the Resp./Cardio Systems
BE509/CN560	Quantitative Studies in Auditory Physiology	BE513	Biological and Environmental Acoustics
BE511	Biomedical Instrumentation	BE517	Practical Optical Microscopy of Biological Materials
BE515	Introduction to Medical Imaging	BE/ME/MS523	Mechanics of Biomaterials
BE517	Practical Optical Microscopy of Biological Materials	BE527	Biomaterials and Tissue Engineering II
BE/ME521	Continuum Mechanics	BE533	Biorheology
BE/ME524	Skeletal Tissue Mechanics	BE560	Biomolecular Architecture
BE526	Biomaterials and Tissue Engineering I	BE564	Biophysics of Large Molecules
BE561	DNA & Protein Sequence analysis	BE565	Molecular Biotechnology
BE566	DNA Structure and Function	BE706	Quantitative Physiology for Engineers
BE567	Nonlinear Systems in Biomedical Engineering	BE710	Neural Plasticity and Perceptual Learning
BE700A1	Single Molecule Approaches for Biophysics and Biotech	ME/MS/BE727	Biomaterials and Tissue Engineering II
BE703	Numerical Methods & Modeling	BE747	Advanced Topics in Signals and Systems
ME/MS/BE726	Biomaterials and Tissue Engineering I	BE768	Biological Database Design
BE777	Computational Genomics	EC/BE773	Advanced Optical Microscopy and Biological Imaging
EK130	Introduction to Engineering	EK130	Introduction to Engineering
EK424	Thermodynamics	EK424	Thermodynamics