

Course Number	Course Title	Frequency of offering	Fall 2008	Spring 2009	Fall 2009	Spring 2010
ME 5666	Modern Thermodynamics	Once a year		✓		✓
ME 5080	Fundamentals of Solidification	Once a year	✓		✓	
ME 8221	New Product Design & Development I	Once a year	✓		✓	
ME 8222	New Product Design & Development II	Once a year		✓		✓
ME 8381	Bioheat and Mass Transfer	Once a year	✓		✓	
AEM 8201	Fluid Mechanics I	Once a year	✓		✓	
AEM 8202	Fluid Mechanics II	Once a year		✓		✓
BMEEn 3101	Biomedical Transport Processes	Once a year		✓		✓
BMEEn 5311	Advanced Biomedical Transport Processes	Once a year		✓		✓
BMEEn 5001	Advanced Biomaterials	Once a year	✓		✓	
BMEEn 5201	Advanced Biomechanics	Once a year	✓		✓	
BMEEn 5351	Cell Engineering	Once a year	✓		✓	
BMEEn 5401	Advanced Functional Biomedical Imaging	Once a year	✓		✓	
BMEEn 5501	Biology for Biomedical Engineers	Once a year	✓		✓	
CHEn 8401	Physical and Chemical Thermodynamics		✓		✓	
CHEn 8301	Physical Rate Processes I: Transport	Once a year		✓		✓
CHEn 8402	Statistical Thermodynamics and Kinetics	Once a year	✓		✓	

BIOC 5001	Molecular Biology and Regulation of Biological Processes	Once a year	✓		✓	
BIOC 8002	Biochemistry, Molecular and Cellular Biology	Once a year	✓		✓	
CHEM 8561	Thermodynamics, Statistical Mechanics, and Reaction Dynamics I	Once a year	✓		✓	
CHEM 8562	Thermodynamics, Statistical Mechanics, and Reaction Dynamics II	Once a year		✓		✓
MICA 8004	Cellular and Cancer Biology	Once a year		✓		✓
MICA 8009	Biochemical Aspects of Normal and Abnormal Cell Growth and Cell Death	Once a year		✓		✓
PHSL 5061	Principles of Physiology for Biomedical Engineering	Once a year	✓		✓	
PHSL 5510	Advanced Cardiac Physiology and Anatomy	Once a year		✓		✓