

Bioengineering	Comments
BE407 Uses of Biotechnology in Pharmacology	
BE408 Enzyme Kinetics & Technology	
BE410 Introduction to Tissue Engineering	
BE411 Biomechanics	
BE414 Controlled Drug Delivery Technology	
BE417 Macromolecular Dynamics from Structure to Function	
Chemical Engineering	Note: students should cc Dr. Dildare Basalp on emails to profs
CHE372 Physical Aspects of Biological Systems	
CHE455 Process Design for Biotechnology	
CHE462 Enzyme Technology	
CHE464 Separation and Purification Processes for Biochemical Products	
Chemistry	
CHEM352 Introduction to Environmental Chemistry	
CHEM353 Introduction to Chemometry	
CHEM447 Solar Fuels & Artificial Photosynthesis	
CHEM481 Reaction Mechanisms in Organic Chemistry	
CHEM495 Molecular Photonics	
CHEM497 Introduction to Mass Spectrometry	
Computer Engineering	
CENG463 Introduction to Machine Learning	
CENG464 Introduction to Text Mining	
Electronic Engineering	
EE401 Neural Networks	contact prof (may require math)
EE402 Introduction To Natural Language Processing	contact prof, EE401 is recommended
EE430 Introduction to Systems Biology	
Mathematics	
MATH255 Differential Equations	
MATH261 Linear Algebra I	
MATH262 Linear Algebra II	
MATH265 Basic Linear Algebra	
MATH355 Partial Differential Equations	
Food Engineering	
FE312 Introduction to Industrial Microbiology	
FE314 Food Enzymes	
FE318 Introduction to Food Biotechnology	
FE402 Nutrition in Health and Diseases	

FE410 Introduction to Nutrigenomics and Nutrigenetics
FE418 Introduction To R Programming

Photonics	
PHOT201 Fundamentals of Optics & Photonics I	
PHOT202 Fundamentals of Optics & Photonics II	
PHOT412 Introduction to Biophotonics	pre-recommend: PHOT201, PHOT202