Biochemical Engineering Minor

Objective of Minor: To provide students with an opportunity to study new advances in biochemistry and the biological sciences integrated with engineering analysis.

The biochemical engineering minor consists of 18 credits - four required 3-credit courses, and two 3-credit elective courses.

This minor is available to all majors.

Required Courses:
- BISC207 Introductory Biology I
- BISC401 Molecular Biology of the Cell
- CHEM527 Introduction to Biochemistry or CHEM641/642 Biochemistry I/II
- CHEG420 Biochemical Engineering

TWO of the following elective courses:
- BISC403 Genetic and Evolutionary Biology
- BISC 471 Introductory Immunology
- BISC 484 Computer Based Genetics Laboratory
- CHEG460 Intro Systems Biology
- CHEG621 Metabolic Engineering
- CHEG650 Biomedical Engineering
- CHEM643 Intermediary Metabolism
- CHEM644 Mechanisms of Enzyme Catalysis
- CHEM645 Protein Structure and Function
- CHEM646 DNA-Protein Interactions
- CHEM648 Membrane Biochemistry
- CHEM649 Molecular Biophysics
- MEEG486 Biomaterials /Tissue Engineering
- UNIV 401/402 Senior Thesis (3 credits can be applied, upon written approval of Dr. Chen)

Faculty contact
Dr. Wilfred Chen
Department of Chemical Engineering
(302) 831-6327; wilfred@udel.edu

There are many opportunities for Undergraduate Research in faculty laboratories.