

Biochemistry/Biotechnology Cluster

Engineering Elective:

EE 418 Fundamentals of Nanomaterials and Nanotechnology
EC 560 Introduction to Photonics

Biomedical Engineering Electives:

BE 505 Molecular Bioengineering I
BE 506 Cell Structure and Machinery
BE 537 Biomedical/Biochemical Microsystems
BE 560 Biomolecular Architecture
BE 561 DNA and Protein Sequence Analysis
BE 562 Computational Biology
BE 565 Molecular Biotechnology
BE 566 DNA Structure and Function

Professional Electives: (In addition to any of the courses on the above two lists)

CH 203 Organic Chemistry I
CH 204 Organic Chemistry II
CH or BI 421 Biochemistry I
CH or BI 422 Biochemistry II