BCH: Biochemistry (Biophysics) Courses

Courses

BCH 3033 Biochemistry I
College of Sci and Engineering, Department of Biology

3 sh (may not be repeated for credit)
Prerequisite: BSC 2010/L AND CHM 2210

A first course in biochemistry dealing with the classification, function, and chemistry of proteins, carbohydrates, and nucleic acids and the smaller molecules from which they are derived. Conformational properties of biomolecules, enzyme kinetics and mechanisms, allosterism and cooperativity are surveyed. Material and supply fee will be assessed for corresponding lab.

BCH 3033L Biochemistry I Laboratory
College of Sci and Engineering, Department of Biology

1 sh (may not be repeated for credit)
Prerequisite: BCH 3033*

A first course in biochemistry dealing with the classification, function, and chemistry of proteins, carbohydrates, and nucleic acids and the smaller molecules from which they arrived. Conformational properties of biomolecules, enzyme kinetics, and mechanisms, allosterism and cooperativity are surveyed. Material and Supply Fee will be assessed.

BCH 3034 Biochemistry II
College of Sci and Engineering, Department of Biology

3 sh (may not be repeated for credit)
Prerequisite: BCH 3033

This course builds on the knowledge gained in BCH 3033 or CHM 2210 / CHM 2211 and deals with the biochemical properties of biological membranes and the anabolic and catabolic pathways of the major biological macromolecules.

BCH 3905 Directed Study
College of Sci and Engineering, Department of Biology

1-12 sh (may be repeated indefinitely for credit)

BCH 4905 Directed Study
College of Sci and Engineering, Department of Biology

1-12 sh (may be repeated indefinitely for credit)

BCH 5905 Directed Study
College of Sci and Engineering, Department of Biology

1-12 sh (may be repeated indefinitely for credit)

BCH 6905 Directed Study
College of Sci and Engineering, Department of Biology

1-12 sh (may be repeated indefinitely for credit)

* This course may be taken prior to or during the same term.