

**QUANTITATIVE
BIOLOGY** **QB**

College of Natural Science

**826 Introduction to Quantitative Biology
Techniques**

Summer. 1 credit. RB: Undergraduate mathematics through calculus (MTH 133)

Interdisciplinary hands-on biology and computing methods.

827 Problems in Quantitative Biology

Fall. 2(2-0) RB: Undergraduate mathematics through calculus (MTH 133). Bachelors degree in a biology discipline or in another science or engineering discipline.

Selected biology problems studied using interdisciplinary and quantitative approaches.

828 Biology for Interdisciplinary Scientists

Spring. 3(3-0) RB: Bachelors degree in a non-biology science or engineering discipline. R: Approval of department.

Introduction to biology in the context of quantitative analysis and theory.

**829 Introduction to Physical, Mathematical
and Computational Methods**

Spring. 3(3-0) RB: Bachelors degree in a biology discipline. R: Approval of department.

Theory and hands-on training in physical, chemical, mathematical, and statistical methods used in current biology research.