

# QUANTITATIVE QB BIOLOGY

## 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.

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.

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

**830 Special Topics in Quantitative Biology**

Fall, Spring. 1 to 3 credits. RB: Calculus II  
R: Open to undergraduate students or approval of college.

Selected topics in quantitative biology are covered at an advanced level, to include student presentations of the primary literature