



Explorations in Integrated Science

IS/MATH/MCB/
PHYS 303

Course Preview:
Thursday, April 8th
Gould-Simpson
821
12:30 pm

We are looking for motivated and talented students interested in taking this course next Fall.

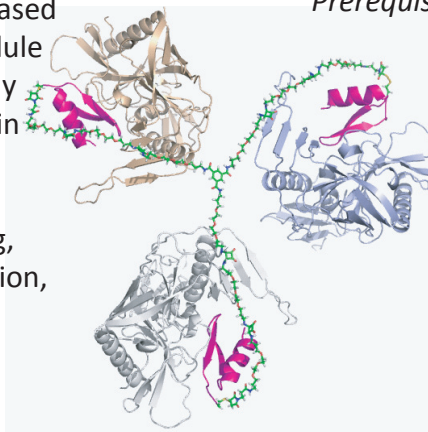
Please come and join some of the course instructors for a presentation of the course, a discussion about integrated science, and why it is important for your career.

Pizzas and refreshments will be served.

Course Description

Students will learn to integrate knowledge and research approaches from multiple scientific disciplines through four laboratory- and lecture- based modules. Module topics currently include: protein design and therapeutics, protein folding, biological motion, multiscale modeling, and entropy.

Students will use MATLAB and other computer software to analyze data collected in the course.



This is a Writing Emphasis Course.

Course Information

Grading: Regular grades are awarded for this course: A B C D E.

Prerequisite(s): Satisfaction of the Mid-Career Writing Assessment (MCWA) or the former upper-division writing proficiency requirement (UDWPE); MATH 124 or MATH 125.

Typical structure: 3 hours lecture, 3 hours laboratory.

Identical to: MCB 303, PHYS 303, MATH 303.

Usually offered: Fall.

“Previously I had envisioned the branches of science as segregated by firm boundaries, unaware they could be merged in such extraordinary ways.”

Karl Dutson, Mathematics and Physics Major

Join us for pizzas and an informal discussion