

Course Announcement
Division of Life Sciences
Division of Mathematics and Statistics
The University of Texas at San Antonio

BIO 4953 & STA 4953
Special Studies:
Introduction to Bioinformatics

SPRING 2001 (January 16 – May 12)
Tues. & Thurs. 3:30 - 4:45 pm

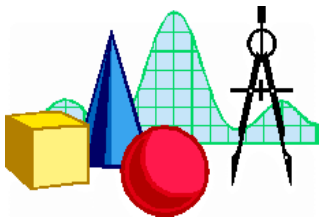


Instructors:

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Objectives: These courses introduce an interdisciplinary area of study that combines techniques and knowledge in mathematical, statistical, computational, and life sciences to understand the biological significance of genetic sequence data. With hands on projects, students will learn to use programs from the Wisconsin package of molecular sequence analysis software and other Bioinformatics resources on the Internet for database search, gene prediction, phylogenetic studies, etc. Lectures and class discussions will emphasize the statistical models and methods in Bioinformatics and biological interpretation of computational results.

Format: Majors in the life sciences are encouraged to enroll in BIO 4953, and majors in the mathematical sciences to enroll in STA 4953. Some combined discussion groups and lab sessions are anticipated. For more information contact the instructors or visit the web site at <http://www.biostat.utsa.edu/bioinformatics>.



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