Join the future of Bioinformatics
Register for a NEW course
FALL 2008

Biocomputational Methodologies

4 CR HR, TR 11:00 – 12:15 pm lecture + ARR lab

Interdisciplinary & Cross-listed Dual Upper-level Undergraduate & Graduate Course
Undergraduate: BIO401, CS339, MATHS499
Graduate: BIO501, CS539, MATHS599

Gain a competitive career advantage
Students learn cutting-edge research skills and knowledge in the rapidly expanding and diverse application of computer science, mathematics and statistics to complex life science research challenges.

What are Biocomputational Methods?
The mathematical/statistical and computer science methods used to study of life science data.
Tools and methods from Statistics and Computer Science to analyze and interpret data from gene, DNA, phylogenetic, and microarray databases.

Contact us:
• For more information or permission to enroll in this course.
• You may be able to take any background class(es) in Summer 2008.
• You may be eligible to enroll in this course as an HONORS390 Colloquium (3 cr hrs) for the lecture and an Dept Honors Colloquium in BIO, CS or MATHS for the 1 cr hr for lab. Please check with the instructors for permissions for HONORS COLLEGE Credit.

Suggested Course Preparation:
MATHS 161 or the equivalent
CS120 or the equivalent
BIO111 or CHEM111, or the equivalent

Prof. Munni Begum, Mathematical Sciences (mbegum@bsu.edu), 285-8673
Prof. Jay Bagga, Computer Science (jbagga@bsu.edu), 285-8641
Prof. Ann Blakey, Biology (ablakey@bsu.edu), 285-8841 or 215-8066