

**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
**Department of Mathematical Sciences**

- Course Number: STAT 5370 (CRN 27737)  
Course Title: Special Topics: Bioinformatics Analysis  
Credit Hours: 3  
Term: Spring 2014  
Course Meetings/Location: TBA  
Prerequisite Courses: Instructor approval  
Instructors: Ming-Ying Leung  
Office Location: Bell Hall 225  
Contact Info: Phone: 747-6836  
E-mail: [mleung@utep.edu](mailto:mleung@utep.edu)  
Fax: 747-6502  
Website: <http://www.math.utep.edu/Faculty/mleung>  
Office Hours: Dr. Leung will post her office hours for each week on her website and outside her office, or by appointment.  
Textbook: None  
Course Objectives: To introduce the statistical models for protein structure prediction with an emphasis on the mathematical theory behind the modeling techniques, the knowledge of proteins, and the importance of predicting their structures.  
Activities/Assignments: Homework, literature search, reports  
Assessment of Objectives: Oral/written exams and projects  
Course Schedule: Meetings with instructor about once a week at agreed times are required.  
**Grading Policy:** Student will be graded according to the progress made and quality of work produced.  
**Make-up Policy:** None  
**Attendance Policy:** Meetings with the instructor at agreed times are mandatory; late arrivals, early dismissals, and absences, both excused and unexcused, will be recorded and used for reference in grading.  
**Academic Integrity Policy:** Reference UTEP's policy cited in <http://academics.utep.edu/Default.aspx?tabid=23785>  
**Civility Statement:** Please do not use cell phones, pagers, iPods, MP3 players, blue tooth devices, etc. during meetings. Cell phones and pagers should be set to silent or vibrate, and any calls should be taken outside of meeting room. Please do not wear headsets or blue tooth devices during meetings.  
**Disability Statement:** If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at [<dss@utep.edu>](mailto:dss@utep.edu) or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.  
**Military Statement:** If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact as soon as possible.