

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

- Course Number: STAT 5370 (CRN 19461)
Course Title: Special Topics: Statistical Methods for Bioinformatics
Credit Hours: 3
Term: Fall 2017
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
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: Violations of academic integrity, including unauthorized submission of work performed by others, will be pursued vigorously to result in the most severe sanctions. Please refer to UTEP's policy cited in sa.utep.edu/osccr/academic-integrity.
Civility Statement: No text messaging in class. Please silence cell phones before coming to class. Students are expected to actively participate in class discussions and group activities. Group work that is not completed in class is to be finished as homework, so use the class time wisely by staying focused on the class topic and avoiding chit-chat.
Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Center for Accommodations and Support Services (CASS) at 747-5148, email at cass@utep.edu, or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS 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.