Course & CRN #: CPS 5396-14689
Course Title/Topic: Stochastic Models for Computational Biology
Credit Hrs: 3
Term: Fall 2010
Course Meetings & Location: TBA
Instructor: Dr. Ming-Ying Leung
Office Location: Bell Hall 225
Contact Info: E-mail mleung@utep.edu
Phone x6836
Office Hours: Dr. Leung will post her office hours for each week outside her office and on
her website at www.math.utep.edu/Faculty/mleung/officehours.
Course Activities
Conduct studies and research on various stochastic models (e.g., Poisson
processes, hidden Markov models) for biological data analysis with
computational techniques. A written progress report must be submitted
weekly to instructor. About once a week, the student will meet to discuss
research. Findings may be submitted for presentation at scientific
conferences and for publication in peer-reviewed journals.

Textbook(s), Materials:

Attendance Policy: 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.
Academic Integrity Policy: The University policy is that all suspected cases or acts of alleged scholastic
dishonesty must be referred to the Dean of Students for investigation and
appropriate disposition. Any student who commits an act of scholastic
dishonesty is subject to discipline. Scholastic dishonesty includes, but is not
limited to, cheating, plagiarism, collusion, submission for credit of any work
or materials that are attributable in whole or in part to another person, taking
an examination for another person, and any act designed to give unfair
advantage to a student or the attempt to commit such acts. For further
information, please refer to:
http://academics.utep.edu/Default.aspx?tabid=23785 or
http://www.lib.iastate.edu/commons/resources/facultyguides/plagiarism/dishonest.html.
Civility Statement: Please do not use cell phones, pagers, iPods, MP3 players, blue tooth
devices, etc. during class. Cell phones and pagers should be set to silent or
vibrate, and any calls should be taken outside of class. Please do not wear
headsets or blue tooth devices during class.
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> 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 semester, please contact me by the end of the first week of class.