CELL BIOLOGY (CELL BIOL)

CELL BIOL 245  Cell & Developmental Biology  (4 Units)  Fall  
Instructor(s): Adam S Frost, Shaeri Mukherjee  
Prerequisite(s): Calculus, physical chemistry, organic chemistry, and an advanced course in biology are highly desirable.  
Restrictions: Instructor approval required for non-Tetrad students.  
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects  
Training in the modern aspects of the molecular basis of cell function with emphasis on how cells move, secrete, divide, and communicate with each other.  
School: Graduate Division  
Department: Biochemistry And Molecular Biology Program  
May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? Yes  
Course Grading Convention: Letter Grade, P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)  
Graduate Division course: Yes  
Is this a web-based online course? Yes  
Is this an Interprofessional Education (IPE) course? Yes  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes

CELL BIOL 250  Research  (1-8 Units)  Fall, Winter, Spring, Summer  
Instructor(s): Staff  
Prerequisite(s): Completion of 2 quarters of Biochemistry 215 in the year prior  
Restrictions: Students must be in year 2 or above  
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects  
The course is intended to give students hands-on experience in investigation of a fundamental question in biology using modern techniques and approaches in Cell Bio. The scope of the research project, formulation of the hypothesis, and the necessary experimental approaches taken to test the hypothesis will be determined based on active input from the student and the lab's Principle Investigator. The student is expected to become increasingly independent in each of these aspects of the project.  
School: Graduate Division  
Department: Cell Biology Program  
May the student choose the instructor for this course? Yes  
Does enrollment in this course require instructor approval? Yes  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)  
Graduate Division course: Yes  
Is this a web-based online course? Yes  
Is this an Interprofessional Education (IPE) course? Yes  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes  
Repeat course for credit? Yes