

**Biology 4198: Special Problems (1 unit)****BRB 3.148****Biology 4298: Special Problems (2 units)****Biology 4398: Special Problems (3 units)**

**Instructor:** Dr. Sangeeta Tiwari  
Office hours: By appointment  
Office location: Biosciences 3.148  
Phone: (915) 747-6889  
Email: [stiwari@utep.edu](mailto:stiwari@utep.edu) (*recommended method of contact*)

**Text:** None.

**Prerequisites:** Instructor approval; laboratory fee required.

**Objective:** These are *laboratory research courses*, designed to provide students with hands-on experience in research and increase their familiarity with laboratory methods and processes. The knowledge gained in these courses will provide a background for students interested in pursuing careers in biology, biotechnology, research, health/medicine or the allied health professions. Students will participate in research projects in the faculty mentor's laboratory, interact with other students, staff and faculty, attend lab meetings, and may be asked to present their data and/or published papers from the primary research literature. Research projects will be in the areas of genetics, molecular biology and infectious diseases.

It is expected that students will dedicate a minimum of **3-10 hours per week**, depending on the number of credit hours taken, to the completion of this course and its requirements.

Specific research projects and responsibilities will be assigned at the beginning of the semester for each student. ***Learning objectives and outcomes are based on the student's preparation.***

**Exams:** None.

**Grading:** Letter grades for this course will be determined based primarily on student attendance and performance, and will be assigned as follows:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
59% or less	F

**Drop date:** To receive an automatic "W", please withdraw from the course according to the deadlines posted on the academic calendar at the UTEP Registration and Records Website. After the date posted, a "W" can only be assigned by the Dean of the College of Science, and is only granted under exceptional circumstances.