

MMED 6097
Research
Fall 2020

CLASS DAYS and TIME: Monday, Tuesday, Wednesday, Thursday, Friday at times determined by the faculty mentors

CLASSROOM: Report to the laboratory of the Research mentor

COURSE DIRECTOR: P. Renee Yew, Ph.D.

OFFICE LOCATION and HOURS: By appointment with P. Renee Yew, STRF 261.2

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TELEPHONE: 210-562-4150

READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.

COURSE DESCRIPTION AND OBJECTIVES

Independent research under the direction of a faculty mentor for students who choose the Thesis-Based Plan of Study for the Master of Science in Personalized Molecular Medicine Program. Independent research experiences will be determined by the faculty mentors along with the student. Students will conduct research projects to gain first-hand experiences within a given topic.

Pre-requisites – None

Semester credit hours – Variable, 1 SCH to 12 SCH

By the end of this course, each student should be able to:

- Conduct independent experiments using molecular and cellular approaches to address scientific questions.
- Interpret the underlying principles, experimental design, data and statistical analyses of specific molecular and cellular biology experiments.

COURSE ORGANIZATION

The main teaching modalities used in this course include:

- 1) Hands on laboratory work with the purpose of addressing an important area of study in Personalized Molecular Medicine.

Materials – Laboratory protocols. Laptop for data analysis and research presentations.

Access to Course Materials – General class information and messages from instructors will be e-mailed to students.

Reading Assignments – Papers will be assigned by each instructor.

ATTENDANCE

Attendance and participation are mandatory. One large component of the grading is class participation which occurs in the laboratory of the mentor so if a student misses a class due to sickness, the student needs to inform the mentor and course director as soon as possible since this may result in an incomplete for the student. Any scheduled absences must be approved by the mentor and course director prior to the absence.

TEXTBOOKS

No required textbooks.

GRADING POLICIES AND EXAMINATION PROCEDURES

Students will be graded on their attendance and participation in the laboratory. A final grade will be assigned by the course director based on the grade to the student by the mentor.

Grading System

A = 90-100% B = 80-89% C = 70-79% F = < 69%

REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100). to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

TITLE IX AT UTHSCSA

Title IX Defined:

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

University of Texas Health Science Center San Antonio’s Commitment:

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

EMAIL POLICY

Course information and instructions will be e-mailed to students. Additionally, students should communicate with the course director via e-mail.

USE OF RECORDING DEVICES

Recording devices during the lectures are allowed with the permission of each instructor.

ELECTRONIC DEVICES

Electronic devices such as cell phones, computers, tablets, etc. are permitted in the laboratory as long as use of the devices does not disrupt the work of others.