

**TSCI 6097  
Mentored Research**

**Fall 2016**

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**CLASS DAYS and TIME:** Lab time as schedule with student and supervising professor

**CLASSROOM:** Student's supervising professor's lab or lab assigned to student

**COURSE DIRECTOR:** Donald J. Dougherty, PhD  
MSCI-TS Program Director and COGS Chair

**OFFICE LOCATION and HOURS:** UPL 2.201, Monday – Friday (8:00 am – 5:00 pm by appointment only)

**E-MAIL:** [doughertyd@uthscsa.edu](mailto:doughertyd@uthscsa.edu)

**TELEPHONE:** 210-567-4631

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**READ THIS DOCUMENT CAREFULLY – YOU ARE RESPONSIBLE FOR ITS CONTENTS**

**COURSE DESCRIPTION AND OBJECTIVES**

The Research Course is set up for the student to conduct their Mentored Research Project with their approved supervising professor. This time is to be spent directly working on the project and includes, but is not limited to, writing consent forms, collecting data, analyzing data, and preparing a manuscript. After MSCI-TS COGS approval of the research project, students will take 3.0 – 4.5 semester credit hours of research during each semester the student is enrolled in the MSCI-TS Program.

**Pre-requisites:** MSCI-TS Program and TS PhD Program students only. MSCI-TS COGS approval of the student's supervising professor, supervising committee, and research project for the MSCI-TS Program students.

**Semester credit hours:** 3.0 – 4.5 SCH

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

1. Be familiar with procedures and regulatory requirements related to their research project.
2. Be able to formulate scientific hypotheses and conduct the appropriate statistical tests.
3. Prepare a scientific manuscript taking into account results within the context of the broader research literature.

**COURSE ORGANIZATION**

This course will consist of:

- Directly working on the student's approved research project under the guidance of their supervising professor
- Collecting and analyzing data

- Preparing and submitting a manuscript to a peer-reviewed journal
- Students are required to submit a Student Semi-Annual Evaluation each semester and a Student/Supervising Professor Compact each fall semester.

**Expectations:**

After finishing their research project and collecting and analyzing the research data, the students will submit a prepared manuscript to a peer-reviewed journal.

**Materials:**

Based upon individual student research/lab needs

**Computer Requirements:**

Students are required to have a laptop computer that can connect to and operate over a wireless network.

Software required:

- Microsoft Office Suite (A personal copy of the latest version can be purchased at The UTHSCSA bookstore at student pricing with a student ID)

Laptops with an Apple based Operating System must be able to also operate using a Windows based Operating System. It may be necessary to purchase Windows (student pricing available at The UTHSCSA bookstore with a student ID) and virtualization software.

All laptops will connect to The UTHSCSA network via the HSCwave broadcast wireless connection. Authentication for wireless use is based on The UTHSCSA domain username and password.

Verification of proper operation **prior** to the start of class is highly recommended.

Assistance is available thru the IMS Service Desk

- Telephone:(567-7777
- E-mail ([ims-servicedesk@uthscsa.edu](mailto:ims-servicedesk@uthscsa.edu))

Assistance is also available at the IMS Student Support Center (ALTC 106).

**Reading Assignments:** Reading assignments will be based on individual student research needs.

**ATTENDANCE**

The student must complete 144 – 216 hours on their approved research project and/or preparing their manuscript.

**Absence for Religious Observance:**

Students requesting an excused absence for religious holidays should follow the guidelines outlined in the UT Health Science Center Catalog.

**TEXTBOOKS**

Textbooks are not required. However, the students are urged to discuss the principles of the techniques with the lab mentors.

## **GRADING POLICIES AND EXAMINATION PROCEDURES**

This course is graded as Satisfactory / Unsatisfactory. In order to receive a satisfactory grade students are expected to submit their Student Semi-Annual Evaluation and/or Student/Supervising Professor Compact detailing their activities.

## **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/>

## **E-MAIL POLICY**

Every student is issued a University “LiveMail” e-mail address and account at the time when the student first enrolls. As a standing University Policy, only the students' University “LiveMail” e-mail address shall be used for any electronic institutional communications of an official nature.

## **USE OF RECORDING DEVICES**

Recording of any activities in this course by any means, e.g., video, audio, etc., is not permitted unless approved by the instructor or required for compliance with the American with Disabilities Act (ADA).

## **ELECTRONIC DEVICES**

Cell phones, pagers, etc. should be turned to vibrate during learning activities. Computers and electronic tablets are allowed only for participating in learning activities (*e.g.*, viewing slides presented in lecture or conference materials). No texting, tweeting, e-mailing, web-surfing, gaming, or any use of electronic devices that is not directly connected with classroom activities is permitted.