
IBMS 6499 Dissertation Research Credit Hours: 1-8

Semester: Persistent **Year:** 2026
Class Day/Time: Varies based on lab **Class Location:** Varies based on lab

Instructor of Record: Varies based on Principle Investigator

Office: [\[Click here to enter information\]](#)
Office Phone: [\[Click here to enter information\]](#)
E-Mail: [\[Click here to enter information\]](#)
Office Hours: [\[Click here to enter information\]](#)

Course Description: A doctoral-level course to develop and accomplish a dissertation research project that has been approved by a dissertation committee. The progress of the dissertation research project will be periodically monitored by the dissertation committee at least twice a year to ensure that a doctoral (Ph.D.) candidate can efficiently and successfully complete the project.

Prerequisite: Passed qualifying exam.

Co-requisite: None

Goals of Course:

To perform scientific research at the doctoral level, leading to a dissertation.

Student Learning Outcomes (SLO or “course objectives”):

1. To demonstrate the ability to critically evaluate research in biomedical science areas.
2. To demonstrate the ability to review and discuss relevant literature and its significance to the research field selected.
3. To contribute to the research team and community through mentorship, teaching, and other scholarly activity related to their research.
4. To demonstrate the ability to develop a novel research project with high standards in terms of significance, innovation, and advancing the chosen field of study.
5. To demonstrate state-of-the-art and cutting-edge knowledge of the research field selected.

Subject-specific Skills:

Ability to search and summarize primary literature related to the topic of study at the doctoral level, design and execute experiments, presentation of findings, perform independent research.

Course Assessment/Methods of Evaluation:

TBA

Linked Program Learning Outcomes:

The student learning outcomes listed above address the following Integrated Biomedical Sciences Program PLO domains:

- PLO1 - Core Knowledge domain
- PLO2 - Research Methods and Analysis domain
- PLO3 - Scholarly domain
- PLO4 - Professionalism domain
- PLO5 - Independent Research domain

Textbook:

None – primary literature will be used

Course Content:

Varies based on dissertation research

Other Class Policies**Attendance:**

Regular or punctual attendance is expected. If a student misses a class or lab, the student is responsible for obtaining any information distributed during those times. Make-ups are possible only under certain instances (labs cannot be made up). Arrangements for any make-ups and/or missed labs should be discussed directly with the instructor for that day's class.

Participation:

Varies based on lab

Academic Honesty:

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic 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 examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

Cheating

Dishonesty of any kind involving examinations, assignments, alteration of records, wrongful possession of examinations, and unpermitted submission of duplicate papers for multiple classes or unauthorized use of keys to examinations is considered cheating. Cheating includes but is not limited to:

- Using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class.
- Falsifying or inventing any information, including citations, on an assigned exercise.
- Helping or attempting to help another in an act of cheating or plagiarism.

Plagiarism

Plagiarism is presenting the words or ideas of another person as if they were your own. Materials, even ideas, borrowed from others necessitate full and complete acknowledgment of the original authors. Offering the work of another as one's own is plagiarism and is unacceptable in the academic community. A lack of adequate recognition constitutes plagiarism, whether it utilizes a few sentences, whole paragraphs, articles, books, audio-visual materials, or even the writing of a fellow student. In addition, the presentation of material gathered, assembled or formatted by others as one's own is also plagiarism. Because the university takes such misconduct very seriously, the student is urged to carefully read university policy [Sec. 8-802. Academic Dishonesty](#). Examples of plagiarism are:

- Submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another.
- Submitting a work that has been purchased or otherwise obtained from an Internet source or another source.
- Incorporating the words or ideas of an author into one's paper without giving the author due credit.

Adding/Dropping:

The official deadline for adding and dropping courses is as published in the academic calendar ([Registrar Withdrawal webpage](#)). However, students are strongly encouraged to meet with their graduate advisor or the Program Coordinator prior to adding/dropping courses. Movement into and out of classes after the 4th class day requires approval of the Program Director. Each student is responsible for their own enrollment status with the university.

Disability Accommodations:

UT Tyler HSC abides by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, which mandate reasonable accommodations be provided for students with documented disabilities. If you have a disability and may require some type of instructional and/or examination accommodations, please contact me early in the semester so that I can provide or facilitate provision of accommodations you

may need. If you have not already done so, you will need to register with the Student Services Office (located on the main campus). You may call 903-566-7079 for more information.

A listing and description of all student policies can be found here: [Manual of Policies and Procedures for Student Affairs](#).

AI Tools:

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

For this course, **AI is not permitted in this course at all.**

To best support your learning, you must complete all graded assignments by yourself to assist in your learning. Doing your own work, without human or artificial intelligence assistance, is best for your efforts in mastering course learning objectives. This exclusion of other resources to help complete assignments includes artificial intelligence (AI). Refrain from using AI tools to generate any course context (e.g., text, video, audio, images, code, etc.) for any assignment or classroom assignment.