CS6999 Master's Project Course Syllabus

Course Information

Course Prefix and Number: CS8999
Credit Hours: 1 - 3
Instructor: Jon Duke, MD
Email: jon.duke@gatech.edu
Section: D17
CRN: 93267
Semester: Fall
Academic Year: 2026

Course Description

This course provides academic credit for doctoral thesis preparation work in health informatics under the direction of a Dr. Jon Duke. The scope and direction of the studies are determined by the student in consultation with the course instructor.

Course Learning Outcomes

By enrolling in this course, students will:

1. Gain experience in performing independent research in health informatics topics at a depth not taught in a formalized course setting.
2. Progress towards their doctoral thesis through independent research
3. Develop focused knowledge in a particular domain of health informatics, with options including but not limited to artificial intelligence, health data analytics, standards and terminologies, medical robotics, public health informatics, and clinical research informatics

Required Course Materials

No textbooks or materials are required. Resources for research are determined in consultation with the instructor.

Grading Policy

Grading will be based on instructor evaluation of student work based on criteria defined and agreed upon at the outset of the semester. All grades will be project based. There will be no examinations.

Attendance Policy

This course does not include scheduled class meetings. The frequency and format of student–faculty contact are determined by mutual agreement and are consistent with the number of credit hours for which the student is enrolled.

Academic and Research Honesty/Integrity Statement

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards. Review the Student Code of Conduct and the Academic Honor Code, especially Appendix A: Graduate Addendum to the Academic Honor Code.

Students are expected to perform research in an ethical and responsible manner. All Doctoral and Master's Thesis students are required to take the Responsible Conduct of Research training, and it is expected that students abide by the principles taught in that training while performing research.

Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Allegations of scientific or scholarly misconduct are handled in accordance with the procedures outlined by the Policy for Responding to Allegations of Scientific or Other Scholarly Misconduct.

Core IMPACTS

Not applicable

Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the Office of Disability Services as soon as possible to make an appointment to discuss your special needs and to obtain an accommodations letter. Please also e-mail me as soon as possible in order to set up a time to discuss your learning needs.

Student-Faculty Expectations

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body. The Student-Faculty Expectations articulates some basic expectations that you can have of me and that I have of you. Additional information for research-related work is given in The Expectations of Advisors and Advisees. In the end, simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek. Therefore, I encourage you to remain committed to the ideals of Georgia Tech while in this class.