

DEPARTMENT OF
COMPUTER & INFORMATION SCIENCE & ENGINEERING

CIS 6930: Special Topics in CIS: Digital Health

Professor Sumi Helal
Fall 2021 | Enrollment Now Open

The Department of Computer & Information Science & Engineering (CISE) will be offering a **graduate-level interdisciplinary course on Digital Health** in Fall 2021.

Credits: 3

Class Periods:

Tuesdays periods 8 & 9

Thursdays period 9

This will be an open enrollment class. Students, particularly from engineering, public health and health professions, medicine, nursing and business, are encouraged to take the class. Enrollment will be capped and approval by the CISE department will be on a first-come-first served basis. For more information contact Professor Sumi Helal, the course instructor, at shelal@ufl.edu.

ABOUT DIGITAL HEALTH

Digital Health entails the use and application of informatics and cybernetic technology in the pathways of disease diagnosis, treatment, healthcare delivery, health-related learning, and discovery, and in general staying active and healthy throughout the entire lifespan.

LEARNING OBJECTIVES

Students will learn about today's healthcare delivery systems and their associated payer models, the basics of health systems, active and healthy living, personal health (health navigation), the future of health systems and the forces of change shaping it, and of course, the digital health technology itself and supportive sciences.

Students will also gain knowledge in a specific area of digital health through a group research project that would involve a systematic literature review and a critical perspective on potential solutions. Students will also team up for a group hands-on project towards a digital health solution using mobile apps or Health IoT. Groups will be balanced to ensure all disciplines are represented in any group.



To enroll, contact Adrienne Cook, CISE graduate advisor, via email: alcook@ufl.edu
Subject line: Enroll Digital Health