

# BUSI 884 : Health Informatics

The intersection of information science, computer science, and health care creates a very active and innovative interdisciplinary arena. This provides a context for dealing with the resources, devices, and methods required to optimize the acquisition, storage, retrieval, and use of information in health and biomedicine. Health informatics tools include not only computer systems, but also clinical guidelines, formal medical terminologies, and information and communication systems. The managerial application of concepts prepares the participants as managers and consultants to rely upon and manage information technology to accomplish their objectives. The course provides both an overview of technology solutions and discussion of the latest trends in healthcare informatics, including: Electronic Medical Records (EMR) and Personal Health Records (PHR), clinical information systems, consumer health, Web 2.0 and social media, telemedicine and imaging, privacy and security

## **Core Course**