IT 4683: Management of Information Technology and Human Computer Interaction

3 Credit Hours

Prerequisite: CSE 3153 or CS 3410

This course provides a study of the information needs in a formal organization and the information systems required to meet those needs within the planning, control, operating and decision-making processes. User acceptance of IT applications that crucially depend on the HCI component will be covered.

IT 4713: Business Intelligence Systems

3 Credit Hours

Prerequisite: IT 3703

This course introduces the concepts, practices, technologies and systems of business intelligence, which supports enterprise level data management, analytical processing, and reporting.

IT 4723: IT Policy and Laws

3 Credit Hours

Prerequisite: IT 3123 and IT 3223

This course covers current policies and law, and ethical, legal, and social issues in IT through lectures, discussion, research, and case studies. Topics include copyright, patents, trademarks, trade secrets, computer ethics, computer crime, computer abuse, cultural impact, web issues, information warfare and current legislation.

IT 4733: Big Data System Administration

3 Credit Hours

Prerequisite: IT 3703

This course introduces contemporary distributed big data platforms and database systems. Topics include big data computing paradigms, big data platform architectures and administration, and big data database concepts and administration.