ISA 3710: International Issues in Information Security and Assurance

3 Credit Hours

Prerequisite: 60 credit hours with a minimum GPA of 2.0, and Admission to the Coles College Undergraduate Professional Program or student in a Coles College Partner Program that includes this course.

This course explores emerging international issues in information security and assurance. It provides content about the interaction between the organization, society, and public agencies across national boundaries. It examines the role of people versus technical security as currently debated by contemporary organizations from multiple cultures and nations. Each semester, the specifics of this course will be developed to leverage the current international information security landscape and the context of the scheduled course offering.

ISA 4200: Perimeter Defense

3 Credit Hours

Prerequisite: ISA 3200, 60 credit hours with a minimum GPA of 2.0, and Admission to the Coles College Undergraduate Professional Program or student in a Coles College Partner Program that includes this course.

A detailed examination of the techniques, tools, and technologies used to support the protection of an organization's electronic perimeter. The course will examine the evaluation, selection, deployment, and administration of firewall, virtual private network, intrusion detection and prevention systems, and other applications used to guard organizational information from external attacks.

ISA 4213: Cloud Security

3 Credit Hours

Prerequisite: ISA 3200

Introduction to the important concepts pertaining to securing cloud-based infrastructure. Covers architectural and design requirements of cloud systems. Includes data, platform, and application security topics. Cloud operations and legal and compliance issues are examined. Experiential labs and assignments using a large cloud service provider are integrated in the course.