

INFORMATION SYSTEMS (IS)

IS224 Introduction to Business Analytics (3 Credits)

Explore spreadsheet and data analysis tools and learn their applications in business. Learn to use MS Excel and data analysis software for calculating, presenting data in tables and cross-tabulations, and creating charts and graphs. Examine spreadsheets and data visualizations and understand how they are designed and used as key components in business.

Prerequisite(s): Basic proficiency in MS Word, Excel, and PowerPoint.

IS320 Management Information Systems (3 Credits)

Study management and organization structures with emphasis on information system requirements. Consider a variety of information systems as they relate to business and to specific organizations. Discuss the MIS requirements of small and large organizations, including both manual and automated systems with emphasis on computer-based information systems.

Prerequisite(s): BU213 and IS224.

IS422 Enterprise Cybersecurity (3 Credits)

This course will provide students with an introduction to cybersecurity and the current threats to enterprises. It focuses on building awareness for how best to defend an enterprise's information systems and networks as well as policies and procedures that should be in place to react to and manage a cyberattack or data breach.

Prerequisite(s): IS320.