Acct,Business Law and Finance (ABF)

Courses

ABF-350. Management Information Systems. 3 Hours.
This course centers on the use of computer based information systems (IS) to provide quality information upon which business decisions are made. The course presents the theory and practice involved with organization-wide usage of information technology (IT). The course also integrates the core business areas of management, marketing, finance, international activities, and ethics as they relate to information systems. Special attention is given to the tools available for providing decision makers with quality information and the implications of information systems for achieving a competitive advantage. Prereq.: Junior or Above.

ABF-360. Business Intelligence. 3 Hours.
The course introduces students to emerging concepts, methods, and tools that provide effective business intelligence (BI). Rooting on a data-driven BI architecture, this course presents students with BI-related topics including business analytics continuum (e.g., descriptive analytics, predictive analytics, and prescriptive analytics), business performance management, Big Data and future trends. Special attention is given to the interplay between business and technology as a core approach for business organizations to make smarter decisions.
Prerequisite: ABF-350 with a minimum grade of C.

ABF-365. Enterprise Systems. 3 Hours.
This course focuses on the role of enterprise resource planning (ERP) and business processes within and between organizations. Providing an introduction to enterprise systems (ES) for data and process integration. Topics include the requirements of ES, application architecture, and functionality of leading ES. Also covered are the life cycle and methodologies for systems integration, selection, implementation strategies and the emerging trends for ES, as well as, the relationship among component systems. Emphasis is placed on the use of ERP systems to integrate processes across marketing, finance/accounting, operations and HR management. The course tools include Excel, SAP and data flow diagrams.
Prerequisite: ABF-350 with a minimum grade of C.

ABF-370. Blockchain Technologies And Business Applications. 3 Hours.
The course introduces students to essential concepts and techniques of blockchain and how to advance this knowledge in business applications. Starting with the fundamentals of what blockchain technology is, this course takes students on an interactive journey through different applications of blockchain such as bitcoin, cryptocurrencies, tokens, and smart contract. Special attention is given to discussions of blockchain as fundamentals of information security and the transformation from cryptocurrency to cryptoeconomics in shaping how future business will be conducted.
Prerequisite: ABF-350 with a minimum grade of C.

ABF-403. Management Of Information Systems & Technology. 3 Hours.
ABF-403 Management of Information Systems and Technology, 3 cr. This course examines two major and related concepts: the management of information and the management of technology. Students investigate issues and approaches in managing the information system (IS) function and how the IS function supports and enables organizational capabilities and strategies. Principles underlying the acquisition, application, and management of technology are considered. Special attention is given to management information systems (MIS) and to information technology (IT) applications which support managerial decision-making and enhance organizational competitiveness. Relevant business cases are studied to reinforce conceptual learning.