



Program Information

College:	Coles College of Business
Department:	Information Systems and Security
Program:	Information Systems, BBA

Program Student Learning Outcomes

Upon completion of this degree from KSU, students will be able to:

- Define Information Systems - Define concepts of an information infrastructure and apply strategies and tools for implementing, accessing and using information systems. Compare and contrast various implementations of the information systems function, such as centralized, distributed and outsourced. (Knowledge)
- Differentiate Information Technology - Differentiate and understand the role and function of various technologies, including but not limited to computer hardware, networking, programming, database and Web technologies. Explain in system terms the fundamental characteristics and components of computer and telecommunications hardware and system software and demonstrate how these components interact. (Knowledge/skill)
- Conduct IS Research - Identify information technology literature and the current topics and issues related to the management of information systems. (Knowledge/skill/disposition)
- Enumerate Controls - Enumerate (suggest) controls that can be incorporated into an information system to ensure or encourage conformance with legal regulations, ethical standards, business policies, business procedures, and information security practices. (Knowledge/skill)
- Develop Requirements - Define user requirements and integrate social and technical needs to frame systems problems so that they clearly express user stories (personas) and technical functionality according to standard methodologies. Identify related technical specifications and cost/benefit tradeoffs. (Knowledge/skill)
- Design Methodology - Take given requirements and frame a project to develop and deliver a solution implementing a Systems Development Life Cycle (SDLC). Ensure the



project design addresses the business problem and related environmental constraints.
(Knowledge/skill/disposition)

- **Communicate Requirements** - Represent requirements in appropriate design formats to confirm understanding of customer requirements (e.g. flow chart) and to depict the requirements for technical developers (e.g. pseudocode). (Skill)
- **Model Solutions** - Develop an application solution based on visual modeling techniques that applies basic database concepts and appropriate programming principles. (Skill)
- **Develop Solutions** - Develop hardware and/or software designs to provide working solutions, including use of appropriate programming languages, web-based systems and tools, design methodologies, and database systems. Develop and deliver an application solution or prototype for a business case using appropriate programming language, development framework, and device platform. Learn to persist even when facing constraints and difficulties. (Knowledge/skill/disposition)