

## BBA-IS Program Educational Objectives (PEOs)

The program educational objectives (PEO's) support the missions of the institution, College and of the Department. The PEOs for the BBA-IS program and their respective Student Outcomes (SOs) are:

Program Educational Objectives	Student Outcomes
<p><b>Goal 5.0 - Theoretical foundations and applications of Information technology</b>                      The graduate has a thorough understanding of the theoretical foundations and practical applications of information technology. (Knowledge)</p>	<p><b>SO 5.1: Defining Information Systems</b> - The student is prepared to define concepts of an information infrastructure and apply strategies and tools for implementing, accessing and using information systems as well as being prepared to compare and contrast various implementations of the information systems function, such as centralized, distributed and outsourced, and the student can match specific classes of application systems – including transaction processing systems, management information systems, decision support systems, and enterprise resource planning systems – to their use in an organization. (Knowledge/skill)</p> <p><b>SO 5.2: Information Technology</b> - Differentiate and understand the role and function of various current and emerging technologies, including – but not limited to – computer hardware, networking, programming, database and Web technologies as well as able to 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)</p> <p><b>SO 5.3: MIS Research</b> - Identify information technology literature and the current topics and issues related to the management of information systems. (Knowledge/skill)</p> <p><b>SO 5.4: Controls</b> - Enumerate (suggest) controls that can be incorporated into an information system to ensure or</p>

	<p>encourage conformance with legal regulations, accounting standards, business policies, business procedures, and information security practices. (Skill/knowledge)</p>
<p><b>Goal 6.0 - Solving business problems with IT systems</b>  The graduate is able to recognize, define and analyze real-world business problems, and develop, evaluate and implement system-based solutions from integral components including people, processes, hardware, software, communication mechanisms and data.  (Knowledge/skill)</p>	<p><b>PLO 6.1: Developing Requirements</b> - Balance and integrate human and technical aspects that impact organizations and society from information systems and networks when using a systems approach for framing problems to clearly express user requirements according to standard methodologies matching requirement specifications to technological opportunities using benefit/cost tradeoff analyses among design options to create and/or justify conceptual designs to satisfy given requirement specifications. (Skill/knowledge)</p> <p><b>PLO 6.2: Design Methodology</b> - Demonstrate the ability to integrate knowledge gained through the curriculum and in order to follow the Systems Development Life Cycle from identification and analysis of a business problem to the design and implementation of an information technology solution that utilizes appropriate hardware and software components. (Knowledge)</p> <p><b>PLO 6.3: Communicate Requirements</b> – 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. pseudo code).</p>
<p><b>Goal 7.0 - Information Systems Development</b>  The graduate possesses knowledge, skill and technical depth in Information Systems development using appropriate methods, techniques and tools.  (Skill/knowledge)</p>	<p><b>SO 7.1 - Modeling</b> - Develop an application solution based on visual modeling techniques that applies basic database concepts and appropriate programming principles. (Skill)</p> <p><b>SO 7.2 - Development</b> - Develop hardware and/or software designs to provide working solutions, including use of appropriate programming languages, web-based systems</p>

and tools, design methodologies, and database systems.  
(Skill)

**SO 7.3** - Implementation – Implement application solution for a business case using appropriate programming language, development framework, and device platform.