

**San Diego State University**  
**College of Business Administration**  
**Master of Science in Business Administration,**  
**Information Systems**

**Learning Goals and Outcomes**

**GOAL 1:** Analyze organizational data, information, and knowledge requirements for the design and implementation of information systems

- SLO 1.1: Design a database from the analysis of information requirements.
- SLO 1.2: Build and process a relational database using a common DBMS software package.
- SLO 1.3: Explain the functions of database administration.
- SLO 1.4: Model and document information system requirements.

**GOAL 2:** Understand implications of enterprise information technology infrastructure and architecture in a global environment.

- SLO 2.1: Identify and explain general information systems components.
- SLO 2.2: Describe standard information technology architectures and key protocols.
- SLO 2.3: Explain technology standards for local area networks and wide area networks.
- SLO 2.4: Analyze global impacts on infrastructure and architecture.

**GOAL 3:** Align information strategy with organizational strategy.

- SLO 3.1: Describe frameworks for strategic alignment of IT and corporate goals.
- SLO 3.2: Explain how IT investments support an organization's competitive strategy.
- SLO 3.3: Explain IT procurement strategy.

**GOAL 4:** Understand information technology threats and challenges and trends in the global environment.

- SLO 4.1: Discuss security issues of networking infrastructure.
- SLO 4.2: Analyze information assurance needs.
- SLO 4.3: Analyze emerging information technology trends and how they can affect the organization.
- SLO 4.4: Explain IT auditing.