• Business application of computer technology through a broad range of subjects
• Supporting academic areas are business and communication
• Topics of Study:
  - Software design
  - Database systems
  - Data communications
  - System analysis
  - Project management
  - Analytics
• Students learn how to use technology to benefit an organization and become experts in applying technology to solve problems

• Emphasis on theoretical and mathematical foundations of computing
• Supporting academic areas are engineering and mathematics
• Topics of Study:
  - Data structures
  - Algorithms
  - Systems software
  - Operating systems
  - Computer architecture
• Electives:
  - Networking
  - Artificial intelligence
  - Multimedia
  - Graphics

Career paths may vary due to cross-over between the disciplines as well as different needs by industry, sector and organization.

- Database Administrator
- Project Manager
- Network Administrator
- Systems Analyst
- Interaction Specialist
- Data warehousing and mining
- Website/Internet administration
- Business application developer
- ERP Administrator
- Computer Systems Analyst
- Software Developer
- Software Development Engineer
- Security Specialist
- Modeling and simulations
- Artificial Intelligence (AI)
- Software Engineering
- Quality Assurance Specialist
- Network Engineer
- Chief Information Officer
- Chief Security Officer

Information Systems
Monte Ahuja
College of Business

Computer Science
Washkewicz
College of Engineering

OR

BBA-IS
MCIS-IS
BS-CS
MCIS-CS

Information Systems Curriculum
Computer Science Curriculum