

BUSINESS ADMINISTRATION

COMPUTER INFORMATION SYSTEMS

ASPIRE

EXPERIENTIAL MAJOR MAP

CIS RETURN ON INVESTMENT

Transform technology into business solutions.

Organizations across every industry rely on information systems to drive innovation, improve decision-making, and maintain competitive advantage. West Liberty University's Computer Information Systems concentration prepares students to understand both technology and business operations, creating graduates who can develop solutions that improve performance, increase efficiency, and support organizational success

THE WHO...

- Tech-Savvy Problem Solvers
- Future IT Leaders
- Business-Minded Technologists
- Data-Driven Decision Makers
- Career Builders & Career Changers

THE SKILLS ...

- Information Systems & Business Integration
- Data Management & Systems Development
- Information Systems, Networking, & Technology Management
- Communication Across Technical & Business Environments

THE JOBS ...

- Information Systems Analyst
- Business Analyst
- Database or Data Analyst
- IT Project Coordinator or IT Project Manager
- Cybersecurity Analyst
- Systems Support Specialist or IT Specialist

WHAT YOU'LL LEARN

Graduates are prepared for careers at the intersection of business and technology, helping organizations leverage information systems, data, and digital tools to achieve strategic goals. This degree provides a wide array of opportunities across industries with pathways into technical, analytical, operational, and leadership positions, allowing graduates to apply a unique combination of technical expertise and business understanding to positions within the dynamic technology industry. The blend of technical and interpersonal skills enables students to contribute immediately.

HILLTOP ADVANTAGE

The Hilltop Advantage is a structured, student-centered approach that ensures every student graduates with not only a degree, but also meaningful experiences, career-ready skills, and a clear post-graduation plan.

THE PROGRAM

- Integrated Business & Technology Curriculum
- Experienced Faculty
- Simulated Learning
- Career-Focused Prep
- Student Centered Environment
- CompTIA Certification Preparation
- MBA Fast Track Option

College of Business - Computer Information Systems

ASPIRE	FIRST YEAR	MIDDLE YEARS	LAST YEAR	GRADUATE PROGRAMS
A ACADEMIC MASTERY	- Complete foundational coursework - Develop foundational knowledge of information systems and business processes. - Build basic programming, database, and problem-solving skills. - Obtain CompTIA Certification(s) - Learn digital literacy and CIS fundamentals.	- Complete core CIS coursework: - Strengthen technical and analytical skills. - Obtain CompTIA Certification(s) - Apply technology solutions to business challenges.	- Complete specialized and capstone coursework - Demonstrate mastery of information systems concepts. - Obtain CompTIA Certification(s) - Apply technical and business knowledge to real-world organizational challenges.	Master of Business Administration (MBA)
S SELF-DISCOVERY & STRENGTHS	- Explore CIS career pathways - Complete career and strengths assessments. - Reflect on personal interests in technology, business, and problem-solving.	- Identify preferred technology career path. - Assess leadership, technical, and project management strengths. - Develop a professional identity as a technology problem-solver. - Refine long-term career goals.	- Articulate professional strengths and career goals. - Develop a personal leadership and professional growth plan. - Reflect on growth as a technology professional and change agent. - Establish lifelong learning objectives.	Industry Sectors - IT Services - Finance and Insurance - Healthcare and Educational Services - Government and Public Administration
PI PROFESSIONAL PREPARATION INTEGRATIVE & EXPERIENTIAL LEARNING	- Develop a professional résumé and LinkedIn profile. - Attend technology career panels and employer presentations. - Participate in introductory coding workshops and technology events. - Create a simple portfolio or GitHub repository. - Conduct informational interviews with CIS professionals.	- Participate in applied technology projects. - Complete industry-recognized microcredentials or certifications. - Engage in CIS related competitions. - Participate in service-learning projects involving technology solutions. - Secure an internship or job-shadowing opportunity.	- Complete a capstone project addressing a real business technology problem. - Present solutions to faculty, industry partners, or community organizations. - Finalize professional portfolio demonstrating technical competencies. - Secure full-time employment or graduate school admission. - Prepare for advanced certifications and continued professional development.	Career Opportunities - Information Systems Analyst - Business Analyst - Database or Data Analyst - IT Project Coordinator or IT Project Manager - Cybersecurity Analyst - Systems Support Specialist or IT Specialist
RE RELATIONSHIPS & LEADERSHIP ENGAGEMENT & WELL-BEING	- Join CIS, cybersecurity, or technology-related student organizations. - Connect with faculty mentors and peer mentors. - Attend campus engagement activities. - Develop effective time-management and study strategies.	- Serve in leadership roles within student organizations. - Mentor first- and second-year students. - Attend professional conferences and networking events. - Strengthen teamwork, communication, and project leadership skills.	- Strengthen mentoring relationships with faculty and professionals. - Support peer development through mentoring and leadership. - Participate in professional associations and networking communities. - Develop strategies for work-life balance, resilience, and career success.	

