

Information Systems

Connecting World-class Scholarship with Business Practice

Computer Systems Analysts

Computer systems analysts solve business problems and apply computer technology to meet the individual needs of an organization. They help an organization realize maximum benefit from its investment in equipment, personnel and business processes. Systems analysts may plan and develop new computer systems or devise ways to apply existing systems resources to additional operations. They may design new systems, including both hardware and software, or add a new software application to harness more computer power.

Future Career Opportunities are Plentiful

If you want a position of leadership and responsibility in private industry; local, state or federal government; or in the non-profit sector, consider an information systems major. The Walton College can provide you with the quality education you need to be successful in several challenging and rewarding information systems positions and other related careers of the future

The Largest Job Growth to 2014

According to the U.S. Department of Labor, computer systems analysts have a high median annual earnings (median annual earning potential of \$66,460) with a bachelor's degree and many job opportunities. Recent graduates reported median starting salaries between \$50,000 and \$60,000 with an average of \$54,000 (Spring 2008).

A Wide Range of Skills

Computer systems analysts must be able to think logically and exhibit good communications skills. Because they often deal with a number of tasks simultaneously, the ability to concentrate and pay close attention to detail is important. They must be able to communicate effectively with business managers as well as computer personnel, such as programmers and managers, and with users and other staff who many have no technical computer background. The Walton College prepares information systems majors with a wide range of both technical and soft skills.

World-class Information Technology Facilities

- Learn to integrate business process concepts
- Experience large enterprise systems
- Understand data warehousing technology



Enterprise Systems

Most universities teach you how to write programs for personal computers. The Walton College is the *only business school in the world that teaches the systems that are run by Fortune 500 companies—real, large-scale Enterprise Systems like:*

- IBM z-Series 900 Mainframe Server
- NCR Teradata Business Intelligence
- SAP Enterprise Resource Planning Software
- MS SQL Server, .Net Development Environment, and Business Intelligence Studio
- Large-scale, real-world datasets from companies such as Sam's Club, Tyson Foods, Dillard's, Wal-Mart, Acxiom and IBM

The goal in making these resources available is to help students better understand how data warehousing, e-business and other systems work together. With the facilities at the Walton College, you learn the concepts of data warehousing and data mining. You are able to use multiple platforms, large-scale computers and databases and pull it all together.

World-class Faculty

The Walton College information systems faculty — through teaching, cutting-edge research, real-world experience and leadership in national professional organizations — provide a full-range of expertise in information systems. They teach the right combination of technical and business skills to help you build a career.

Information Technology Research Institute

Information systems majors have access to faculty and research in the Information Technology Research Institute. One of its missions is to promote student interest in information technology careers. Through partnerships with the IT organizations of many corporations, students gain opportunities for internships and long-term jobs. The ITRI continuously seeks to facilitate the exchange of knowledge between academic and business communities. For instance, the institute's RFID Research Center is on the cutting edge of RFID research in the retail world.

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For more information on how your future can benefit from the Walton College Information Systems program, go to: waltoncollege.uark.edu/isys