

Information Systems Management



IS PROFESSION

Information systems (IS) managers direct the computer-related activities of companies. They perform a variety of duties, from constructing detailed business plans to overseeing network and Internet operations. Working with upper management, they define the technical goals of the company and plan how to accomplish these goals. They plan and coordinate hardware and software system installations and upgrades, programming and systems design, and develop computer networks, Internet and intranet sites. In addition, they maintain system networks, analyze the computer and information needs of companies, and supervise system analysts, computer programmers, support specialists and other computer related employees.

JOB OUTLOOK/SALARY

Spurred by technological advances, employment for information systems managers is expected to increase faster than average. Because of the varied responsibilities these executives hold, employers seek managers with strong technical knowledge as well as business skills. They want managers who are experts in the particular software or technology used on the job and who can discuss the particulars of their work in technical terms with their subordinates, and at the same time, in nontechnical terms to senior managers and prospective customers. Therefore, information system managers must possess strong interpersonal, communication and leadership skills, the bureau reports.

Employers also seek managers proficient in security to protect their infrastructure and Internet sites from hackers, viruses and other acts of cyber-terrorism. Earnings for IS professionals and managers vary, depending on specialty and level of responsibility. The median salary for an IS professional, starting out, is \$44,800. After 5 years experience the median salary for an IS professional is \$62,000. Information Systems managers averaged \$107,250 in 2006 with a range from \$60,800 and \$139,460.

IS DEGREE PROGRAM AT UA

The Information Systems Management (ISM) program is a component of the Bachelor of Science in Management program. It is accredited by The Association to Advance Collegiate Schools of Business (AACSB) — the highest level of business school accreditation possible.

Our Information Systems Management curriculum can provide you with a solid foundation in management and information systems, based on broad basic theoretical principles as well as immediate applied practices that go beyond traditional classroom lectures.

You'll study organization behavior and leadership skills, data management, analysis and design of information systems, telecommunications, eBusiness and more. You will learn how to effectively manage facilities, equipment, information and personnel in a variety of activities, such as transportation, manufacturing, warehousing, research or institutional management. In addition, the curriculum emphasizes the competencies companies want — communication, ethics, interpersonal, leadership, problem solving and teamwork skills. You'll learn professionalism, public service responsibilities and the role of business in society. You'll develop a respect for learning and a preference for solutions that advance the public good.

Our faculty members are enthusiastic and innovative. They bring the business world to life through a variety of teaching methods — case studies, seminar presentations and discussions, problem solving and skills performance.

You'll work in teams on real world business cases, applying your classroom knowledge to help solve problems facing local businesses. Classroom knowledge is enhanced by visits to businesses, the college's excellent tradition of student organizations, guest speaker programs, and other efforts to bring students and business people closer together. In fact, the college maintains close connections to the business community, inviting area executives to

participate in our students' educations through our "Professor for a Day" program, guest lecturing, student organizations, mentoring and other activities.

The annual Goodyear Executive Leadership Forum brings internationally distinguished business leaders to campus to meet with students and faculty. Past speakers have included Stan Gault, chairman of The Goodyear Tire & Rubber Company; Hiroshi Okuda, chairman of Toyota Motors; Tim Timken, chairman of Timken Industries; Joseph Magliochetti, CEO of Dana Corporation; Andrea Jung, CEO of Avon, David Oreck, founder of Oreck Company; Richard Smucker, President & Co-CEO of J.M. Smucker Company; Robert Keegan, chairman, CEO and President of The Goodyear Tire & Rubber Company; and David A. Daberko, chairman of the National City Corporation.

INTERNSHIPS AND CO-OP OPPORTUNITIES

The Center for Career Management provides students with opportunities for information systems experiences; including internships, co-ops and consulting experiences. It provides information to students about career opportunities among businesses in NE Ohio.

The Career Advantage Network (CAN) is a program that benefits University of Akron students by providing them the opportunity to gain relevant work experience through experimental learning. Students are able to attain hands-on learning in their future career fields which gives the students an advantage especially with employers looking for experienced employees.

You are encouraged to participate in the University's cooperative education program. Taking part in the program gives you firsthand, professional experience in the business field of your choice. Through co-op, you'll alternate semesters of work and school following your sophomore year. As an added benefit, you'll earn a competitive salary.

CENTER FOR IT & eBUSINESS (CITE)

The Center for Information Technologies and eBusiness was created in 2000 with the mission to teach students and develop faculty in the principals and practices of the related disciplines of information technology and electronic business. The center has a business advisory board consisting of members from more than 35 organizations in NE Ohio. The Advisory Board helps to provide insight into the rapidly changing world of IT and eBusiness.

CITE offers tuition scholarship of \$1,000 per year to information systems and eBusiness majors who demonstrate academic excellence. The scholarship is awarded to students at all levels and is renewable. CITE also grants book scholarships of \$250 during Fall and Spring semesters to students who are majoring in information systems or eBusiness.

CITE's mentoring program is designed to assist in the development of mentoring relationships between business professionals and IS students. Some of the goals of the mentoring program include aiding students in developing networking skills; increasing connections between students and area business

COLLEGE OF BUSINESS ADMINISTRATION

The College of Business Administration is housed in a modern 81,000-square-foot building. The college is accredited to the highest attainable levels for both the undergraduate and graduate programs by AACSB International-the Association to Advance Collegiate Schools of Business. In 2006 Akron's College of Business was included in Princeton's 237 best business schools.

There are more than 1,800 students majoring in business at the undergraduate and graduate levels. The CBA offers six baccalaureate degrees, with 14 majors and 14 minors. At the graduate level there are four degree programs with a wide selection of concentrations and options. Certificate programs are offered at both the undergraduate and graduate levels.

The College offers both graduate and undergraduate programs in information systems and eBusiness technologies, as well as a certificate program in eBusiness technologies. These programs aim to

develop and train students in the managerial and technical aspects of the design, development and application of information systems.

Program content is shaped by the recommendations of the CITE curriculum committee. Courses are taught by qualified and reputed faculty. Classes are offered in state-of-the-art facilities that include computer teaching laboratories, enterprise software and application development tools.

The University of Akron has achieved the title of Ohio's most wired-for-wireless public university. The Intel Corporation has ranked it among the top 10 wireless campuses in the country. Classroom instruction also is enhanced through student activities. The College of Business Administration offers a variety of general business as well as major specific student groups. These include:

- Society for Information Technology and E-business (SITE)
- Sigma Iota Epsilon-fraternity for management majors
- Beta Gamma Sigma- an honorary fraternity
- Delta Sigma Pi- a professional fraternity
- Minority Business Student Association
- Student Toastmasters
- Dean's Advisory Council
- International Business Association

THE UNIVERSITY OF AKRON

You may already know that The University of Akron is the public research University for Northern Ohio. But we're much more than labs and lasers. Our 25,000 students choose from approximately 350 academic programs and areas of study, from accounting to zoology. Many of our undergraduate programs have gained national recognition, including psychology, sales and marketing, dance, global business and gerontological nursing.

About 7,000 students live in our 13 residence halls or just a short walk from campus. When they aren't hitting the books, thousands take advantage of the University's fraternities, sororities and more than 200 student organizations, from gospel choir and alpine skiing to career-building professional and academic societies. We also offer 17 intramural sports and clubs, from bowling to cardio kickboxing. In 2004 we completed the New Landscape for Learning program, a \$300 million campaign that has revitalized our 134-year-old campus. That means you can be among the first to use our new:

- Student Recreation and Wellness Center, a massive structure with ball courts, fitness facilities, rock climbing wall and a recreational pool that includes a 30-seat spa, "lazy river" and fountain.
- Student Union, containing a movie theatre, billiards/bowling room, food court, Starbucks, bookstore and headquarters for student organizations.
- Honors Complex with combination residence hall and academic facilities.
- Gardens, lawns, amphitheatre and tree-lined pathways.
- You'll also discover a campus retooled for your academic success. We are Ohio's most wired-for-wireless public university, and can provide you reduced-rate, high-speed Internet access off campus.

FOR MORE INFORMATION, VISIT THESE WEB SITES:

Center for IT & eBusiness: <http://cite.uakron.edu>

Department of Management:

<http://www.uakron.edu/colleges/cba/departments/management/index.php>

College of Business Administration: <http://www.uakron.edu/colleges/cba/>

The University of Akron: <http://www.uakron.edu>

Office of Admissions: <http://www.AkronAdvantage.com> ;

<http://www.uakron.edu/admissions/>

University Honors Program:

<http://www3.uakron.edu/honors/admission.html>