



WHY CIS?

CIS deals with integrating information technology solutions and business processes to meet the information needs of an organization. It focuses on the best way to enable the organization to meet its goals and business challenges. The purpose of CIS is to analyze, design, develop, and implement information technology strategies to solve business problems.

CIS is a rewarding and challenging field that allows for lifelong learning. Job opportunities abound, and salaries are relatively high. The demand for CIS graduates is increasing faster than the general demand for most other fields of study. The U.S. Bureau of Labor Statistics estimates that between 2006 and 2016 there will be 1.6 million CIS-related job openings. The bureau estimates that one in 19 new jobs created in the upcoming 10-year period will be a professional CIS-related position. Job seekers with a CIS degree and strong communication and administrative skills are in increasing demand.

Because of the great variety of CIS application areas and technical specialties, numerous career choices are available. Those choices range from highly technical development positions to less technical management positions. CIS majors can look forward to a fun and challenging career.

Our infrastructure of computerized systems is increasingly under threat of attack. Businesses and government agencies must protect their systems.

The CIS program hosts ISU's National Information Assurance Training and Education Center. NIATEC is a consortium of academic, industry, and government organizations developed to improve the awareness, training and education standards in information assurance. The center develops components of an effective information assurance infrastructure for academic, industrial, and governmental organizations. Students in ISU's CIS program are especially well prepared to compete for admission to the program.

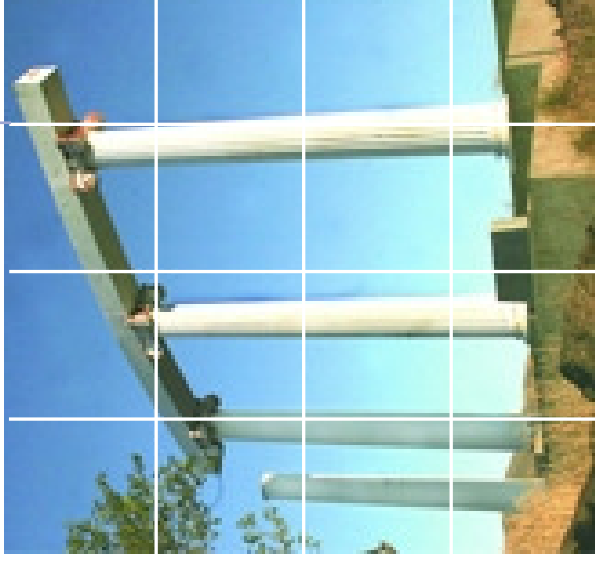


For more information...

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COMPUTER INFORMATION SYSTEMS @ ISU

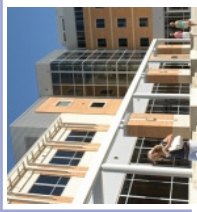
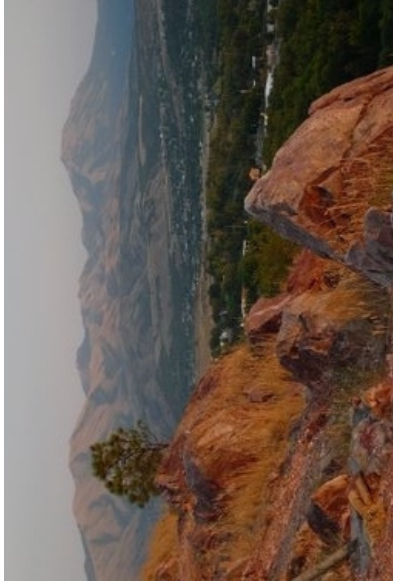


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WHY CIS @ ISU?



Today's job market requires more than just technical abilities; it also demands business knowledge as well as effective communication and interpersonal skills. These high-value skills go beyond programming or system administration and can be obtained with a degree in CIS.

The CIS program at ISU is designed specifically to prepare graduates to design and manage computer-based information systems. The CIS program offers a blend of technical and management perspectives to help develop competencies in analysis, design, development, and management of information systems.

The emphasis of ISU's CIS program is on the development of business computer applications and the effective use of computer resources to meet business objectives. Students get a well-rounded education in how organizations conduct and manage businesses. This allows graduates to better apply their technical skills to solving the types of problems that exist in organizations. CIS graduates have both the skills to identify the solutions that best fit an organization's needs and the technical ability to implement those solutions.

CIS classes at ISU tend to be small, particularly in the upper-division major-field courses. Core classes run 25-45 students while major field courses average 10-30 students. ISU students are provided easy access to expert guidance in their studies. Unlike many universities, classes are taught by professors rather than teaching assistants. Professors are highly accessible and enjoy working closely with individual students to help them develop their skills and knowledge. Students appreciate the opportunity to establish close relationships with professors who are dedicated to helping students align their educational goals with their career objectives.

The CIS department consists of eight faculty members with interests in information security and privacy, adaptive control systems, web development, collaborative technologies, Web 2.0, competitive intelligence, knowledge management, and software development. Professors frequently modify the curriculum in response to new developments in CIS and to accommodate the ever-changing business environment.

CIS majors are qualified to receive Non-resident Tuition Waivers for Technology Majors, which are used to recruit top non-resident students to ISU. This means that any student majoring in CIS is eligible to receive the in-state tuition rate.

CAREERS IN CIS

CIS professionals serve as an intermediary between an organization's information systems and other departments. CIS positions include the following:

- *Information Systems Manager*
- *Systems Development Manager*
- *Chief Information Officer*
- *IT Project Manager*
- *Systems Analyst*
- *Database Administrator*
- *Network Administrator*
- *Software Engineer*
- *Consultant*
- *Web Developer*
- *Programmer*
- *Programmer/Analyst*