

THE UNIVERSITY OF TENNESSEE AT MARTIN

Department of Computer Science and Information Systems



Computer Science and Information Systems at UT Martin offers two majors. Computer Science majors select one of two concentrations (Software and Systems or Information Systems) and receive a bachelor's degree with a broad background in science, humanities and social science as well as a thorough grounding in the fundamentals of computer science. Students in Information Systems may pursue a bachelor's degree in Business Administration with a concentration in Management Information Systems or Office Information Systems.

Computer Science Major

Computer Science refers to a broad discipline of study from theoretical and algorithmic foundations to newer areas such as bioinformatics, computer animation and interface design. Computer scientists generally:

- design and implement computer solutions
- research areas that extend our use of computers such as networking and the World Wide Web
- solve computing problems in a manner that is elegant yet efficient in terms of time, space and money

Employers looking for computer science graduates often look for those with:

- an ability to think logically and analytically
- good problem-solving skills
- a broad knowledge of computer systems and technologies
- strong organizational and communicative skills
- perseverance and patience

Information Systems Major

Information Systems refers to that area that specializes in the integration of information technology solutions and business processes so that businesses' information needs are met. Professionals in information systems:

- use information systems to help a firm design and meet its goals
- improve information processes within an enterprise
- serve as a liaison between technical and managerial personnel

Characteristics of students with successful careers in information systems include:

- strong organizational and communicative skills
- thorough understanding of managerial and organizational principles and practices
- comfort with technology
- patience and tenacity

www.utm.edu/departments/cbpa/csis
731-881-7573

Programs for the future!

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Careers

- Programmer Analyst
- Systems Analyst
- Software Engineer
- Systems Engineer
- Database Administrator
- Support Specialist
- Webmaster
- Network Administrator
- Chief Information Officer (CIO)

In some of the world's most recognized firms

- Dell, Inc.
- Verizon
- Wal-Mart
- Apple, Inc.
- Proctor and Gamble
- FedEx
- Texas Instruments
- Oracle
- Hitachi
- IBM



Student Opportunities

- Student chapter of the ACM (Association for Computing Machinery)
- Microsoft Developer Network Academic Alliance
- IT-related campus employment opportunities
- Upper-division experimental lab
- Travel to meetings of professional organizations
- Travel-study
- Small classes
- Dedicated faculty



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