The use of information technology is widespread in society and increasingly important in the workplace. Information systems are vital to problem identification, analysis and decision-making. Graduates who have an in-depth understanding of the opportunities that technology can provide to their organizations hold a distinct advantage.

Information Technology and Systems at UT Dallas
A 120-hour curriculum leads to a degree in information technology and systems. All undergraduate degrees require a core of 42 hours. In the core courses, students learn theories and analytical techniques that can be applied to the functional areas of business, such as finance and marketing. The bachelor’s degree in information technology and systems requires 36 hours of technical classes and provides students with both practical and theoretical training in information technology.

Key features include:

- Providing students with a broad technical foundation.
- Multiple student-led organizations that help students develop leadership skills and interact directly with industry professionals.
- A capstone course that allows students to solve real-world business problems.
- High job-placement rates due to the increasing demand for qualified IT professionals.

Careers in Information Technology and Systems
Graduates seek careers as business analysts, data analysts, project leaders, network administrators, system analysts, application/software developers and technical consultants. The job outlook is healthy. The U.S. Bureau of Labor Statistics reports that five of the 12 fastest-growing occupations relate to information systems.

 Marketable Skills
The Bachelor of Science degree in Information Technology and Systems (BS ITS)’s Program Goals (PG) aspire to (1) provide a program of courses and field experiences that lead to a Bachelor of Science in Information Technology and Systems, providing students with both practical and theoretical knowledge required to have a career in the information technology and systems function of the organization (SLO 1, 2, 3, 4). (2) present a curriculum to prepare graduates who understand business process and how data and information technology systems support these processes (SLO 1, 2). (3) develop graduates who can utilize critical thinking skills to identify and analyze system requirements that will be used in the development or selection of organizational-wide information systems and support managerial decision making (SLO 3, 4).

- Problem Solving: Ability to solve organization technical problems through critical and analytical thinking. (PG 1,3)
- Coding: Creative coding skills aligned to solve business problems and/or create opportunities. (PG 1, 3)
- Teamwork and collaboration: Ability to work on a project team with people from different backgrounds, cultures, and ideas. (PG 1, 3)
- Project Management and Software Development: Ability to apply software development methodologies (planning, analysis, design, and implementation) and project management practices (initiating, planning, execution) to an IT/IS project. (PG 3)
- Communication: Competency in the area of interpersonal oral and written communications, can articulate ideas to others, and convey technical matters clearly to others. (PG 1, 2)
- Digital Technology: Adaptable to new and emerging technologies and can leverage existing digital technologies ethically and efficiently to solve problems. (PG 1, 2, 3)