

INFORMATION TECHNOLOGY SYSTEMS



MAJOR SKILLS GUIDE

What is this program?

Information Technology Systems or ITS is the application of technology concepts to business. It is meant to answer the question of “how can we make business more efficient with technology?”. There can be two sides to the study, Business Analytics and Business Enterprise Resource Planning.

Career Paths

BUSINESS ANALYST

Analyze systems and performance data. They will prepare reports and develop corrective action.

IT HELP DESK

Responsible for helping clients with solving day to day issues with software and hardware.

IT CONSULTANT

Advise clients to improve systems and tech for and create IT solutions. They will be responsible for managing and reporting systems performance.

SYSTEMS ENGINEER

Design new and analyze and improve current processes. Must monitor systems performance and for upcoming technology.

WEB DESIGNER

Maintain and update website by creating new pages, programming assets that will help with marketing/keeping users.

VICE PRESIDENT

Develop systems and information architecture to achieve organization’s goal. Communicate with other team members for performance updates.

CHIEF INFORMATION OFFICER (CIO)

Highest position for ITS and an MBA or MS in IT is helpful for achieving position. Constantly creating new or improving strategies for the organization performance.

Skills

HARD

- SQL
- Excel
- Coding*
 - Python
 - HTML
 - Java

*once you learn one, you can learn the others easily

SOFT

- Business Acumen
- Communication
- Professionalism
- Emphasis on Professional development
- Teamwork

Recruiters Tip

Don't be too ambitious in your first semester - Leave time for extracurriculars and getting used to your classes.

Certifications



EXCEL CERTIFICATION UTD

Offered at JSOM, but you must prepare for yourself.
Price: \$140



ORACLE CERTIFICATION

Oracle offers many certifications from Database to Java and Public Cloud certifications. Explore more here: <http://bit.ly/1D7vrsz>



PROJECT MANAGEMENT PROFESSIONAL

- Offered by PMI
 - learn strategies on how to complete projects efficiently
- Price: \$555.00

Recruiters Tip

Utilize your resources - There are people you can contact and tools offered at UT Dallas to help with your career.

Projects & Courses

CAPSTONE PROJECT

Student groups apply management information technology and information systems principles and techniques which may include the analysis, design, and/or testing of information systems.

M.S. - ITS FAST TRACK

This is recommended for those who want to go into higher levels of the organization.

Clubs & Organizations



Information Technology Systems Leadership Council (ITSLC)
UTD



Women in IT
UTD



Association for Information System (AIS)
UTD



Association for Computing Machinery (ACM)
UTD

COURSES

- ITSS 3312** Object Oriented Programming
- ITSS 4300** Database Fundamentals
- ITSS 4330** Systems Analysis and Design
- ITSS 4360** Network and Information Security
- ITSS 4351** Foundations of Business Intelligence

WANT TO LEARN MORE?

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