

SYSTEMS AND INFORMATION TECHNOLOGIES ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES

It deals with the analysis, design and development of systems that include databases, adaptation and implementation of integrated business systems (ERP), computer resource management, consulting for information technology solutions, and application of new technologies in systems and systems. development of information systems on the Internet.

His training allows him to develop software, provide support consultancy and propose technological solutions, as well as manage information technologies, being a leader in the use of state-of-the-art technological resources.

On the other hand, when you graduate you not only get the degree of Systems Engineer and Information Technology, but you can also obtain some of our specialties and also the industry certifications that allow you to demonstrate your skills in the leading technological tools of the industry.

GRADUATE PROFILE

As an Information Systems and Technology Engineer you will:

Develop information systems for various computer technology platforms.

Model logical, mathematical and algorithmic problems that involve the processing of large volumes of data, as well as implementing their solution using programs of different complexity.

Design and manage the infrastructure and technology for the processing of large volumes of information that support processes and decision making in organizations.

Configure, analyze and manage the cybersecurity of computer networks.

Perform forensic analysis of cyber-attacks.

Collaborate in interdisciplinary work teams to develop comprehensive solutions in organizations, solving problems through knowledge and the use of cutting-edge technological resources.

KNOWLEDGE

- Networks
- Computer Animation and Graphics
- Data Mining
- Programming
- Enterprise Information Technology strategies
- Systems