HUMANITIES AND SOCIAL SCIENCES

Information Sciences

Objectives
To train information professionals to recover, organize, and use structured documentary information effectively and efficiently. The program aims to prepare leaders capable of creating, organizing, and managing information companies, institutions, and units via the use of new information and communication technologies, as well as supporting the development of computer-literacy programs and the creation of computer and technology-based infrastructures.

Student Profile
The student in this program should:
- Enjoy looking up information in print and via electronic means;
- Be interested in print and electronic information;
- Enjoy reading and analyzing information, and be skilled at this;
- Be able to readily organize information;
- Be able to handle data;
- Be capable of troubleshooting;
- Be interested in culture;
- Be able to analyze and synthesize.

Areas for Potential Employment
Graduates of this program will be able to work for information units such as public or private documentation and information centers located in libraries, the archives of educational institutions, research centers, press agencies, newspapers, radio, television, chemicals and petroleum industries, publishing houses, scientific-technological laboratories, academic and military institutions, and for any company that generates or uses printed or electronic information. Additionally, since information is currently the fastest-growing sector, graduates will be able to set up information businesses by creating information products and services.

First Semester
- History of Graphic Communication
- Documentary Linguistics
- The Logic and Philosophy of Science
- Theory of Information Sciences
- Computer Science
- Information Units
- Introduction to Professional Work

Second Semester
- Comparative Information Science
- General Information Sources
- Information Products and Services
- Information Technology
- Documentary Organization (Cataloging)
- Philosophical Anthropology
- Professional Work

Third Semester
- Information Systems
- Information Sources for the Humanities and Social Sciences
- Information Management
- Content Analysis

- Legislation and Regulation of Information
- Documentary Organization (Classification)
- Introduction to Information-Oriented Skills

Fourth Semester
- Information Sources for Science and Technology
- Development of Compendiums
- Archive Management
- Information Systems Design
- Content Analysis (Documentary Languages)
- User Training
- Development of Information-Oriented Skills

Fifth Semester
- Information Sources for Health Sciences
- Databases
- Introduction to Data-Transmission Networks
- Technology Management
- New Information Technologies
- Information Ethics
- Introduction to Professional Competencies

Sixth Semester
- Statistics
- Data-Transmission Networks
- Reading Theory
- Indexes and Summaries: Theory and Preparation
- Information Users
- Information Marketing
- Application of Professional Competencies

Seventh Semester
- Research Methodology
- Compiling Thesauruses
- Design of Information Products and Services
- Lines of Information Products and Services
- Information Agencies
- Professional Job Performance

Eighth Semester
- Organization of Information Companies
- Knowledge Management
- Financial Management
- Information Projects
- Research Seminar