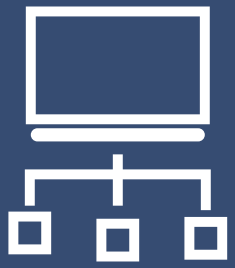
UNIVERSITY of SAN CARLOS
SCIENTIA • VIRTUS • DEVOTIO

BS INFORMATION SYSTEMS



BACHELOR OF SCIENCE
Information Systems

The Bachelor of Science in Information Systems program is the study of information technology applications and effects on organizations.

This program leads students to implement effective information systems including its components, tools, techniques, strategies and methodologies in various enterprise and organizational settings.

The program intends to produce graduates who can assist and lead organizations in determining how information and technology-enabled business processes can be used as a strategic tool in the ever-changing business environment.

The Program in Information Systems builds competencies for these jobs:

Primary

- Organizational Process Analysts
- Data Analysts
- Business System Analysts or Designers
- Solutions Specialists
- System Analysts
- IS Project Management Personnel

Secondary

- Application Developers
- Database Developers / Administrators
- End User Trainers
- Documentation Specialists
- Quality Assurance Specialists

CORE COURSES

- Programming I & II
- Introduction to Computing
- Data Structures and Algorithms
- Information Management
- Applications Dev. And Emerging Tech

PROFESSIONAL COURSES

- Fundamentals of Information Systems
- Organization and Management Concepts
- IT Infrastructure and Network Technologies
- Professional Issues in Information Systems
- Introduction to Information Science
- Financial Management
- Collection Management of Information Resources
- Systems Analysis and Design
- Enterprise Architecture
- Business Process Management
- Information Resources and Services
- Accounting for IS
- IS Project Management
- Evaluation of Business Performance
- Quantitative Methods
- IS Strategy Management and Acquisition
- Capstone 1 and 2
- Practicum 1 and 2
- Seminars and Tours

ELECTIVE COURSES

- Decision Support Systems
- Business Process Engineering
- Technopreneurship
- Information Engineering
- Business Laws
- Information Assurance & Security I
- Human Computer Interaction
- Supply Chain Management
- Practical Data Science
- Systems Quality, Testing and Assurance
- Decision-Analysis

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