



INTERNATIONAL  
HELLENIC  
UNIVERSITY

DEPARTMENT OF  
BUSINESS ADMINISTRATION

Serres Campus  
Terma Magnesias, 62124, Serres - Greece

## **COURSE DESCRIPTION**

### **BUSINESS INFORMATION SYSTEMS**

**Semester:** 3th

**Lectures:** 3 hours per week

**ECTS:** 5

#### **Course objective:**

The course aims to:

- Demonstrate the importance of information in the day-to-day operation of the business and in making business decisions
- Introduce the basic concepts of information systems that enable the dissemination of valid and timely information
- Present the different classifications of the information systems that result by adopting different classification criteria
- Describe and analyze the stages of development of an information system, the necessary human resources and the tools available for the development of an information system

#### **Learning outcomes:**

Upon completion of the course, students should be able to:

- Categorize information systems using different categorization criteria
- Be aware of the architecture and the required technology for each category of information system
- Understand and develop simple diagrams based on Business Process Standardization Symbology (BSMN)
- Identify the stages of the system development life cycle.
- Be able to perform basic operation in an ERP system

**Course content:**

- Introduction to Systems Theory
- Information Systems and Organizations
- Categories of Information Systems
- Information Systems supporting the day-to-day operations of the company
- Information Systems supporting the administrative functions of the company
- Information Systems Life Cycle
- Information Systems Life Cycle
- Enterprise Resource Planning
- Collaboration Systems
- Strategic Information Systems

**Exam methods:**

- Multiple choice questions
- Theory understanding
- Case study analysis