



UNIVERSITY OF PIRAEUS

FACULTY/SCHOOL	School of Economics, Business and International Studies		
DEPARTMENT	Department of Economics		
LEVEL OF STUDY	Undergraduate		
COURSE UNIT CODE	OKΠ/ΛΗ06	SEMESTER	1st
COURSE TITLE	INFORMATION SYSTEMS		
WEEKLY TEACHNG HOURS	6	CREDITS (ECTS)	5
COURSE TYPE	Scientific expertise, Skills Development		
PREREQUISITE COURSES	-		
INSTRUCTION LANGUAGE	Greek	ASSESSMENT LANGUAGE	Greek
OPEN TO ERASMUS	No		

LEARNING OUTCOMES	<p>Education in information technology is critical for every business professional in every discipline. Today, information technology is used extensively in business to acquire, develop and communicate information, and, to assist managers with every decision they make. Regardless of a student's future occupation, they will need to understand the potential and limitation of information technology and be able to use it effectively in their work. This course will educate students in contemporary business information systems, modern computer tools, and what it means to act responsibly within current business environments. Students will study essential information systems, found in current and emerging business models. Discussion will focus on information technology, contemporary decision support tools, and standards of behavior required of personnel working with information and information technology. Students will learn about technology and its impact on the business through readings from books, and other published resources including podcasts, discussions, and independent exploration. Students will work in a team and individual environment to solve business problems using decision support systems with MS Excel.</p>
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GENERAL COMPETENCES	<ul style="list-style-type: none"> • Search for, analysis and synthesis of data and information by the use of appropriate technologies, • Adapting to new situations • Decision-making • Individual/Independent work • Group/Team work • Introduction of innovative research
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COURSE CONTENT	<ol style="list-style-type: none"> 1. Introduction to Information Science, Basic Principles of Informatics, Information Technology, Hardware & Software. 2. Strategic Information Systems 3. E-Business & E-Commerce models 4. Networks, Information Systems' Development and Implementation 5. On-Hands training in Information Systems application in Economics (Exercises, Scenarios and cases)
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USE OF ICT IN TEACHING	Use of ICT in lectures and in the communication with students. On-hands training in Computer laboratory
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COURSE DESIGN	Activity/Method	Semester workload
	Lectures	26
	Laboratory Training	52
	Study and preparation of Exercises, Scenarios and Cases	35
	Case study-Project	10
	Exam	2
	Total	125

COURSE ASSESSMENT	<p>Language of evaluation: Greek (English is used in cases of Erasmus+ students) Evaluation method: Final examination (multiple choice and open-ended questions, exercises and theory evaluation)</p>
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SUGGESTED BIBLIOGRAPHY	<ul style="list-style-type: none"> • Kroenke M.David, Boyle J.Randall Management Information Systems in Practice 1st Edition./2016. BROKEN HILL PUBLISHERS LTD • Yannis Pollalis & D. Giannacopoulos, (2007) Business Information Systems I: Introduction to Technology and Strategy 2nd Edition , Stamoulis Publishing • Yannis Pollalis & D. Giannacopoulos, (2004) Business Information Systems II: Formulas and Applications in Programming 1st Edition , Stamoulis Publishing <p>Supplementary Books</p> <ul style="list-style-type: none"> • Laudon K. Laudon J. «Management Information Systems», McGraw-Hill.
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- O'Brien «Introduction to Information Systems», McGraw-Hill
- Kroenke D., Hatch R. «Management Information Systems», McGraw-Hill

Related scientific journals:

- Information Systems Journal
- European Journal of Information Systems
- Open Journal of Information Systems