

MODULE DESCRIPTION

1. GENERAL

SCHOOL	ENVIRONMENT, GEOGRAPHY AND APPLIED ECONOMICS		
DEPARTMENT	GEOGRAPHY		
LEVEL OF COURSE	Undergraduate		
COURSE CODE	GEO192	SEMESTER	3
COURSE TITLE	THEMATIC CARTOGRAPHY		
STRUCTURE OF TEACHING ACTIVITIES		TEACHING HOURS PER WEEK	NUMBER OF CREDITS ALLOCATED (ECTS)
Lectures		1	2
Laboratory Classes		2	3
Total		3	5
TYPE OF COURSE	Compulsory		
PREREQUISITES	-		
LANGUAGE OF INSTRUCTION	GREEK		
COURSE OFFERED TO ERASMUS STUDENTS	YES (in English if required)		
(URL)			

2. EXPECTED LEARNING OUTCOMES

Learning outcomes
Students having completed this course should be able to choose the most appropriate mapping method in different situations in order to produce thematic maps that depict clearly the spatial structure of the information they represent.
General aptitudes
Ability to synthesise and map information contained in spatial data sets Ability to choose the most appropriate mapping methods and tools Use of specialised software for handling geospatial data

3. COURSE CONTENTS

<p>The course aims at helping students to familiarise with the theoretical background and, mainly, with the technology and techniques of Thematic Cartography.</p> <p>The topics covered in the course include:</p> <p style="padding-left: 40px;">Main characteristics of cartographic information</p> <p style="padding-left: 40px;">Mapping semiology, visual variables</p>
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<p>Typology of thematic maps</p> <p>Symbols of quantitative and qualitative data</p> <p>Classification methods for quantitative variables</p> <p>Main elements for mapping synthesis</p>
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4. TEACHING AND ASSESSMENT METHODS

TYPE OF LECTURES	In class lectures Practical training in ICT laboratory	
ICT USE	ICT use, Internet use and e-class Use of special software for thematic mapping	
TEACHING STRUCTURE	Activity	Hours per semester
	Lectures	12
	Laboratory practice (supervised)	24
	Laboratory practice (not supervised)	24
	Assignment	35
	Preparation for final exams	30
	TOTAL	125
ASSESSMENT METHODS	Assessment Language: Greek Assessment : The assessment criteria are announced at the start of the semester	

5. RECOMMENDED READING

<p>The course is largely based on the textbook of:</p> <ul style="list-style-type: none"> Katsios J. & Tsatsaris A. (2014) <i>Lectures on Thematic Cartography</i>, Athens, Disigma, ISBN978-960-9495-44-8. <p>Further reading (in Greek):</p> <ul style="list-style-type: none"> ΕΙΣΑΓΩΓΗ ΣΤΗ ΓΡΑΦΙΚΗ ΣΗΜΕΙΟΛΟΓΙΑ, Γ. ΣΙΔΗΡΟΠΟΥΛΟΣ, ΠΑΠΑΖΗΣΗ, 2006
