

## COURSE DESCRIPTION

### 1. GENERAL

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

### 2. EXPECTED LEARNING OUTCOMES

<b>Learning outcomes</b>
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.
<b>General aptitudes</b>
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> <ul style="list-style-type: none"> <li style="padding-left: 40px;">Main characteristics of cartographic information</li> <li style="padding-left: 40px;">Mapping semiology, visual variables</li> </ul>
---

<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>
--

#### 4. TEACHING AND ASSESSMENT METHODS

<b>TYPE OF LECTURES</b>	In class lectures Practical training in ICT laboratory	
<b>ICT USE</b>	ICT use, Internet use and e-class Use of special software for thematic mapping	
<b>TEACHING STRUCTURE</b>	<b>Activity</b>	<b>Hours per semester</b>
	Lectures	12
	Laboratory practice (supervised)	24
	Laboratory practice (not supervised)	24
	Assignment	35
	Preparation for final exams	30
	<b>TOTAL</b>	<b>125</b>
<b>ASSESSMENT METHODS</b>	Assessment Language: Greek  Assessment : Final written exams Semester essay	

#### 5. RECOMMENDED READING

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