



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Culture e società		
<b>ACADEMIC YEAR</b>	2022/2023		
<b>BACHELOR'S DEGREE (BSC)</b>	CULTURAL HERITAGE: KNOWLEDGE, MANAGEMENT, ENHANCEMENT		
<b>INTEGRATED COURSE</b>	ANCIENT TOPOGRAPHY		
<b>CODE</b>	17177		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	L-ANT/09		
<b>HEAD PROFESSOR(S)</b>	BURGIO AURELIO	Professore Associato	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	BURGIO AURELIO FORGIA VINCENZA	Professore Associato Ricercatore a tempo determinato	Univ. di PALERMO Univ. di PALERMO
<b>CREDITS</b>	12		
<b>PROPAEDEUTICAL SUBJECTS</b>			
<b>MUTUALIZATION</b>			
<b>YEAR</b>	2		
<b>TERM (SEMESTER)</b>	1° semester		
<b>ATTENDANCE</b>	Not mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>BURGIO AURELIO</b> Tuesday 09:00 11:00 PALERMO: Dipartimento Culture e Società, viale delle Scienze, Edificio 15, piano I, Laboratorio di Topografia antica, stanza 108. Si consiglia contattare preventivamente il docente per e-mail, anche per fissare eventuali appuntamenti in altri giorni e orari.</p> <p><b>FORGIA VINCENZA</b> Thursday 11:00 13:00 PALERMO: Dipartimento Culture e Società, viale delle Scienze, Edificio 15, piano I, Laboratorio di Topografia antica, stanza 108. Si consiglia contattare preventivamente il docente per e-mail, anche per fissare eventuali appuntamenti in altri giorni e orari.</p>		

**DOCENTE:** Prof. AURELIO BURGIO

<b>PREREQUISITES</b>	Basic knowledge of physical geography (e.g. basic concepts of orography and hydrography; landscape and environment) and ancient and medioeval history of Mediterranean area and Sicily.
<b>LEARNING OUTCOMES</b>	<p>Knowledge and understanding: the students have to demonstrate their knowledge and understanding in the field of Ancient Topography, particularly the methodological aspects of the Landscape Archaeology.</p> <p>Applying knowledge and understanding: the students have to apply their knowledge and understanding regarding the Cultural Heritage, which must be seen in its historical and chronological context. The students have also to understand the principal morphological characteristics and the archaeological marks, both in the cartography and in the aerial photos.</p> <p>Making judgements: the students have the ability to gather and interpret the most important topics of Ancient Topography, to inform judgements that include reflection on relevant scientific issues.</p> <p>Communication: the student communicates information, ideas, problems and solutions to both specialist and non-specialist audiences.</p> <p>Lifelong learning skills: the student knows the most important topics of Ancient Topography, and has developed the learning skills that are necessary for him to continue to undertake further study with a high degree of autonomy.</p>
<b>ASSESSMENT METHODS</b>	<p>Oral exam.</p> <p>Written intermediate test (not compulsory): 2 hours (the use of maps and aerial photography, ancient system road, local names); open questions; practical activities on maps and aerial photo.</p> <p>Evaluation criteria (oral exam):</p> <p>the student will have to answer at least three oral questions, on all of the topics described in the list below (see "Programma dell'insegnamento"). The aim is to verify if the student has a good knowledge and comprehension of the topics, and if he/she has acquired the ability to interpret it autonomously.</p> <p>The lowest evaluation grade (18/30) will be achieved if the student proves his/her knowledge and comprehension of the main subjects, at least within a general framework, and can apply that knowledge (i.e. is able to analyze maps, to draw and discuss a mental map, to analyze historical and topographic data, and so on). On the contrary, the highest level of evaluation (30/30, and 30/30 cum laude) if the student will be able to interact with the examiner and discuss the topics, and if he/she will prove to have acquired the basics of Ancient Topography and Landscape Archaeology; the student have also to do correct links amongst different topics.</p> <p>The evaluation grades range is comprised between 18 and 30.</p>
<b>TEACHING METHODS</b>	Lectures, practices, seminars, surveys.

**MODULE**  
**LANDSCAPE TOPOGRAPHY AND ARCHAEOLOGY**

*Prof. AURELIO BURGIO*

**SUGGESTED BIBLIOGRAPHY**

Testi e immagini, ad integrazione dei testi 1 e 2, disponibili sulla pagina web del docente. Del testo 2 saranno indicati nel corso delle lezioni i capitoli da studiare.

1. F. CAMBI, Manuale di archeologia dei paesaggi, Carocci Ed., 2011. ISBN 978-8843055197.

2. D. E. ANGELUCCI, Elementi di geoarcheologia. Carocci Ed., 2022. ISBN 978-88-290-121-69.

<b>AMBIT</b>	50004-Discipline relative ai beni storico-archeologici e artistici, archivistici e librari, demotnoantropologici e ambientali
--------------	---

<b>INDIVIDUAL STUDY (Hrs)</b>	120
-------------------------------	-----

<b>COURSE ACTIVITY (Hrs)</b>	30
------------------------------	----

**EDUCATIONAL OBJECTIVES OF THE MODULE**

The course aims at teaching students new points of view regarding the Cultural Heritage, particularly the evolution of landscape from ancient to modern times. The students will analyze the signs of continuity and discontinuity in the rural landscape, with particular attention to the Sicily.

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
5	Introduction to the Course of Ancient Topography, program, and valuation method. The methodological approach to Ancient Topography and Landscape Archaeology: from Tommaso Fazello to current topics. The interrelations between man and environment.
4	Historical aspects of ancient world: synoecism; Greek and Roman colonization; urban planning.
7	The ancient road system: the "Itineraria"; the "cursus publicus"; the "Itinerarium Antonini"; the Schield of Dura Europos; the "Tabula Peutingeriana"; the "Anonymous Ravennate"; Guidone. The ancient road system of Sicily: from Greek to Medieval times.
14	The Archaeological Survey. Site and siteless survey. The sampling. Introduction about the most important wares of Greek and Roman times. Thematic maps: the archaeological map; the preventive archaeological map. The Archaeology as a cultural tool for rural and urban planning.

**MODULE  
CARTOGRAPHY AND AERIAL PHOTOGRAPHY**

*Prof.ssa VINCENZA FORGIA*

**SUGGESTED BIBLIOGRAPHY**

1. PICCARRETA – G. CERAUDO, Manuale di aerofotografia archeologica. Metodologia, tecniche e applicazioni, Edipuglia, Bari 2000: capitoli 1-2; capitolo 3 (pp. 21-48: Storia delle fotografia; La macchina fotografica; La fotografia aerea); capitolo 4.1 (pp. 73-87: Storia degli Studi: fotografia aerea); capitolo 5 (pp. 99-133: Principi di fotointerpretazione archeologica e di fotogrammetria finalizzata).

2. D. ARUTA – P. MARESCALCHI, Cartografia. Lettura delle carte, Dario Flaccovio Ed., Palermo (escluso pp. 65-72, e 85-88).

Fattori storici del popolamento - preistoria e protostoria; analisi spaziali: testi e immagini disponibili sulla pagina web del docente.

<b>AMBIT</b>	50004-Discipline relative ai beni storico-archeologici e artistici, archivistici e librari, demoetnoantropologici e ambientali
<b>INDIVIDUAL STUDY (Hrs)</b>	120
<b>COURSE ACTIVITY (Hrs)</b>	30

**EDUCATIONAL OBJECTIVES OF THE MODULE**

The course aims at teaching students new points of view regarding the Cultural Heritage, particularly the evolution of landscape from ancient to modern times. The students will analyze the signs of continuity and discontinuity in the rural landscape, with particular attention to the Sicily.

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
8	Cartography and local names: the analysis of geomorphologic aspects and the selection of sites in Antiquity.
5	The Aerial Photography from the archaeological point of view.
9	Historical topography: peopling of new territories: historical factors (prehistory and protohistory). Land divisions in antiquity. Roman centuriation.
2	Spatial analysis
<b>Hrs</b>	<b>Practice</b>
3	Cartography and local names: the analysis of geomorphologic aspects and the selection of sites in Antiquity.
3	The Aerial Photography from the archaeological point of view.