



# UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Culture e società		
ACADEMIC YEAR	2023/2024		
MASTER'S DEGREE (MSC)	COMMUNICATION OF CULTURAL HERITAGE		
SUBJECT	LANDSCAPE ARCHAEOLOGY AND TOPOGRAPHY		
TYPE OF EDUCATIONAL ACTIVITY	C		
AMBIT	21051-Attività formative affini o integrative		
CODE	23466		
SCIENTIFIC SECTOR(S)	L-ANT/09		
HEAD PROFESSOR(S)	FORGIA VINCENZA	Ricercatore a tempo determinato	Univ. di PALERMO
OTHER PROFESSOR(S)			
CREDITS	6		
INDIVIDUAL STUDY (Hrs)	110		
COURSE ACTIVITY (Hrs)	40		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	1		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Not mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<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.		

<b>PREREQUISITES</b>	Basic knowledge of physical geography (e.g. basic concepts of orography and hydrography; landscape and environment) and ancient and medieval history of the Mediterranean and Sicily.
<b>LEARNING OUTCOMES</b>	<p>The student will have to know the research methodologies of the discipline and the basic problems related to ancient topography and landscape archeology.</p> <p>Ability to apply knowledge and understanding: the student must be able to recognize and evaluate the human activities and cultural heritage spread throughout the territory, framing them in their historical and chronological context. Must be able to recognize the main morphological elements in cartography, and archaeological traces in aerial photography.</p> <p>Making judgements: the student must be able to correctly analyze the basic problems of ancient topography and evaluate them on the basis of the acquired knowledge.</p> <p>Communication skills: the student must be able to correctly explain the problems and knowledge relating to the field of study of ancient topography, to specialist and non-specialist audiences.</p> <p>Learning skills: the student must be aware of the main study and research methods applied to ancient topography and must be able to apply them correctly.</p>
<b>ASSESSMENT METHODS</b>	<p>The exam consists of an oral test.</p> <p>The oral test consists of an interview, aimed at ascertaining the possession of the disciplinary skills and knowledge required by the course and is divided into a minimum of three questions. These are specifically designed to test the intended learning outcomes and will tend to test a) knowledge acquired, b) the processing skills and the application of knowledge to specific examples, c) the possession of adequate presentation skills.</p> <p>The maximum score is obtained in all three of these ambitions the student shows excellent skills. In this regard, the importance of mastering the language of the discipline, precision in the use of terms and the ability to articulate reasoning in a clear and complete manner is underlined.</p> <p>The evaluation will be expressed in thirtieths.</p> <p>The examinee will have to answer five-six questions on all the parts covered by the program, with reference to the recommended texts.</p> <p>30 - 30 and praise</p> <p>a) Advanced knowledge of the topics and critical understanding of the theories and principles of the discipline</p> <p>b) Advanced ability to apply the knowledge and solve the proposed problems also in an innovative way</p> <p>c) Full ownership of specific language</p> <p>d) Ability to organize work autonomously and innovatively</p> <p>26 - 29</p> <p>a) Comprehensive and specialized knowledge accompanied by awareness criticism</p> <p>b) Complete ability to apply acquired knowledge and to develop creative solutions to abstract problems</p> <p>c) Good command of specialized language</p> <p>d) Ability to organize work autonomously</p> <p>22-25</p> <p>a) Knowledge of facts, principles, processes and general teaching concepts</p> <p>b) Basic ability to apply methods, material tools and related information to teaching</p> <p>c) Basic mastery of specialized language</p> <p>d) Basic ability to organize work autonomously</p> <p>18-21</p> <p>a) Minimal knowledge of the main teaching topics</p> <p>b) Minimal ability to individually apply the acquired knowledge</p> <p>c) Minimal command of the technical language</p> <p>d) Minimal ability to organize work autonomously</p>
<b>EDUCATIONAL OBJECTIVES</b>	The course will allow the student to understand the historical human activities and cultural assets spread throughout the territory, with particular attention to the evolution of the rural landscape, and ensure the ability to place them in their archaeological, topographical and chronological context. Privileged attention will be paid to Sicily.
<b>TEACHING METHODS</b>	Lectures and classroom exercises, seminars, activities on the field. Erasmus students are kindly requested to contact the professor for further information on course contents and readings
<b>SUGGESTED BIBLIOGRAPHY</b>	<p>1. F. CAMBI, Manuale di archeologia dei paesaggi, Carocci Ed., 2011. ISBN 978-8843055197.</p> <p>2. PICCARRETA – G. CERAUDO, Manuale di aerofotografia archeologica. Metodologia, tecniche e applicazioni, Edipuglia, Bari 2000: capitoli 1-2; capitolo 3 (pp. 21-48: Storia delle fotografie; 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).</p>

	<p>3. D. ARUTA – P. MARESCALCHI, Cartografia. Lettura delle carte, Dario Flaccovio Ed., Palermo (escluso pp. 65-72, e 85-88).</p> <p>I testi d'esame sono gli stessi per studenti frequentanti e non frequentanti. The texts for the final exam are the same for both attending and non-attending students.</p>
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## SYLLABUS

Hrs	Frontal teaching
2	Introduction to Landscape Archeology and Topography, illustration of the program and evaluation method. The Human-Environment relationship.
3	Spatial analysis in Archaeology
5	The ancient road system: the "Itineraria"; the "cursus publicus"; the "Itinerarium Antonini"; the Scudo of Dura Europos; the "Tabula Peutingeriana". The ancient road system of the Sicily: the road network of the Greek and Roman ages and the transformations of the medieval age.
5	The methodology of archaeological prospecting. The concept of the site. Material sampling. Notes on the main ceramic classes. Thematic maps: archaeological map, risk map archaeological. Archaeological knowledge and ancient topography as a tool for territorial planning.
5	Cartography and toponymy.
5	Cartographic analysis with particular attention to the aspects geomorphological and continuity/discontinuity between ancient and modern.
5	Aerial photography and its use in Archeology. Introduction and history of the studies.
5	Aerial photography and its use in Archeology. Anomalies and marks. Stereoscopy. Analysis of aerial photographs and interpretation of the marks.
Hrs	Practice
3	Cartography and toponymy. Cartographic analysis with particular attention to the aspects geomorphological and continuity/discontinuity between ancient and modern.
2	Aerial photography and its use in Archeology. Analysis of aerial photographs and interpretation of the marks.