



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Architettura		
<b>ACADEMIC YEAR</b>	2020/2021		
<b>BACHELOR'S DEGREE (BSC)</b>	TOWN PLANNING AND URBAN STUDIES		
<b>INTEGRATED COURSE</b>	TOWN AND REGIONAL PLANNING AND ANCIENT TOPOGRAPHY - INTEGRATED COURSE		
<b>CODE</b>	17993		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	ICAR/21, L-ANT/09		
<b>HEAD PROFESSOR(S)</b>	BADAMI ANGELA	Professore Ordinario	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	BADAMI ANGELA	Professore Ordinario	Univ. di PALERMO
	BURGIO AURELIO	Professore Associato	Univ. di PALERMO
<b>CREDITS</b>	12		
<b>PROPAEDEUTICAL SUBJECTS</b>			
<b>MUTUALIZATION</b>			
<b>YEAR</b>	3		
<b>TERM (SEMESTER)</b>	1° semester		
<b>ATTENDANCE</b>	Not mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>BADAMI ANGELA</b>  Monday 11:30 13:30 Dipartimento di Architettura, Viale delle Scienze, Edificio n. 14, 90144 Palermo, stanza n. 211. Per prenotare il ricevimento, inviare mail a: <a href="mailto:angela.badami@unipa.it">angela.badami@unipa.it</a>.  Department of Architecture, Viale delle Scienze, Building n. 14, 90144 Palermo - send email to book appointment to: <a href="mailto:angela.badami@unipa.it">angela.badami@unipa.it</a></p> <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>		



<b>PREREQUISITES</b>	<p>The knowledge that constitute a prerequisite for the proper understanding of the contents and of the course learning objectives correspond to the subject matters of the course "Fundamentals of urban and regional planning programs" (delivered to the first year of the degree course) and of course "Urbanism "(delivered to the second year of the degree course).</p> <p>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.</p>
<b>LEARNING OUTCOMES</b>	<p><b>Knowledge and Capability of Understanding</b>          Ability to acquire knowledge about the contents and objectives of Ancient Topography and Urban and Territorial Planning in a diachronic approach to territorial analysis. Ability to understand the ongoing changes in the organization of anthropic territories, environmental emergencies and landscape-cultural values from antiquity to today. Ability to understand the needs expressed by contemporary societies in terms of local government and local development, with reference to plan instruments at the local, provincial, regional and sector level.</p> <p>Ability to understand the technical and problematic aspects of ongoing scientific debate. Ability to recognize and evaluate human activities and cultural assets spread throughout the territory, framing them in their historical and chronological context, including through aerial mapping and aerial photography.</p> <p>Learning Modes: frontal lessons, educational surveys, library research and seminar activities.</p> <p>Didactic tools: powerpoint presentations, didactic deliveries, textbooks and manuals of editorial necklaces relating to urban planning and territorial planning and to ancient topography.</p> <p><b>Ability to apply knowledge and understanding</b>          Ability to recognize, interpret and evaluate the different scenarios related to ancient topography and the different levels of territorial planning. Ability to prefigure development scenarios projected in the future from resources, criticisms, needs and aspirations expressed by communities established in the territories. Ability to select the best development options that meet the compatibility and sustainability parameters.</p> <p>The theoretical concepts learned during the frontal lessons and the individual study will be put into practice in Surveying Activities and Exercises (which will be conducted in the area of the ancient city of Agrigento) and in the examination of cartography and aerial photographs.</p> <p>Learning Modes: Exercises, Seminars, Guided Surveys, Individual or Group Study Assisted, Analysis of Old Agrigento to be attended in the classroom in assisted form.</p> <p>Didactic tools: personal computer with data processing software and map representations, basic cartography, vector cartography, aerial photographs, power point presentations.</p> <p><b>Judgment autonomy</b>          Ability to critically analyze ancient and contemporary territorial contexts; Ability to re-elaborate the scientific knowledge provided through the lessons and the bibliography of the course; Ability to independently address the interest in the information regarding the discipline of spatial planning, topography and related disciplines; Ability to identify other channels of information; Ability to navigate within the contemporary scientific debate.</p> <p>Learning Mode: Re-elaboration of topographic maps, urban planning and territorial planning, with reference to the case study of the integrated course (Plan for the Archaeological and Landscape Park of the Valley of the Temples of Agrigento).</p> <p>Teaching Tools: Plan for the Archaeological and Landscape Park of the Valley of the Temples of Agrigento; Software for the realization of original thematic tables of interpretation; Technical support for acquiring the skills of using software for the realization of the boards.</p> <p><b>Communication skills</b>          Acquisition of national and international disciplinary vocabulary and ability to express through the use of specific technical language. Development of communicative abilities for multidisciplinary and institutional scientists, stakeholders and established populations. Acquisition of graphic representation techniques for the representation of topography and territorial planning tools and for the communication of the results of territorial planning processes.</p> <p>Learning Mode: Displaying topics through communications, graphs, and multimedia presentations.</p> <p>Didactic tools: elaboration of thematic cartographies, elaborated in the form of ideograms, hypertextual reportage.</p> <p><b>Learning ability</b>          The integrated course aims to develop the skills of analyzing a territorial context</p>



	<p>(cities and rural areas) and the social actors who live in it. It will be possible to learn how the acquired knowledge can analyze and describe the different territorial contexts, using the most suitable graphic languages appropriate to the discipline.</p> <p>Learning Mode: Testing in the form of seminars, written and graphs works.</p> <p>Didactic tools: elaboration of thematic tables; textbooks, power point.</p>
<b>ASSESSMENT METHODS</b>	<p>The evaluation is carried out through: a) verification in progress of the exercises; b) exercises in progress on the reading of case studies selected; c) final discussion on the topics of the course and discussion of the documents produced during the exercises.</p> <p>a) the exercises in the classroom related to urban and regional analysis, accompanied by inspections, are evaluated according to: the effective participation of the students work progresses, to respect the legal deadlines, the participation in educational surveys, the ability to apply the theories and methods exposed to disciplinary practice, the correct use of their discipline representation systems, the quality of the works;</p> <p>b) evaluation in progress on reading of selected case studies is based on the ability to do analysis, the ability to orientation, the ability to synthesize and presentation skills;</p> <p>c) the final interview consists of the following tests: a topic chosen by the student, which indicates the ability to grasp the characteristic features of the discipline and know how to expose fully; treatment of at least two arguments of the course proposed by the learner, for the verification of the overall knowledge of the contents of the course; exposure of exercise conducted during the course, for the verification of technical competence achieved and presentation skills acquired.</p> <p>Oral Testing Criteria</p> <p>Examining will have to answer no less than four questions posed orally, on all the parts and exercises covered by the program, with reference to the suggested texts.</p> <p>The final examination aims at assessing whether the student has knowledge and understanding of the subjects, has acquired interpretative competence and autonomy in judging concrete cases.</p> <p>The threshold of sufficiency will be reached when the student shows the knowledge and understanding of the topics at least in the general lines and has minimum application competences (ability to examine mapping and constraints, to analyze historical and topographical data, etc.); the student must also have exhibits and arguments capable of transmitting his knowledge to the examiner. Below this threshold, the examination is insufficient. The more, however, by examining his arguments and exhibits skills will be able to interact with the examiner, and the more his knowledge and application skills will demonstrate the acquisition of the bases of urban and territorial planning and of the Ancient topography, the more the evaluation will be positive.</p> <p>The evaluation grades range is comprised between 18 and 30, according to the following criteria:</p> <p>Excellent (30 - 30 and praise): Excellent knowledge of the matter, excellent linguistic property, good analytical and interpretative capacity; The student is fully able to apply the techniques of territorial analysis to interpret the ancient topography, the urban planning and territorial planning and the transformations of the urban and rural areas.</p> <p>Very good (26-29): Good mastery of arguments, full language property; The student is able to apply the techniques of territorial analysis to interpret the ancient topography, the urban planning and territorial planning tools and the transformations of the urban and rural areas.</p> <p>Good (24-25): Basic knowledge of the main arguments, discrete language property; The student shows a limited ability to use territorial analysis techniques to interpret ancient topography, urban planning and territorial planning tools and urban transformations.</p> <p>Satisfactory (21-23): Basic knowledge of some topics, satisfying language property; Poor ability to apply the techniques of territorial analysis autonomously to interpreting the topography, the urban planning and territorial planning tools and the transformations of the territory.</p> <p>Sufficient (18-20): Minimum knowledge of some topics and technical language; Very little or no ability to apply the techniques of territorial analysis autonomously.</p> <p>Insufficient: The student does not have an acceptable knowledge of the topics of the Ancient Topography - Urban and Territorial Planning C.I.</p>
<b>TEACHING METHODS</b>	<p>The course, of theoretical type, is provided with classroom lectures and seminars conducted by experts.</p> <p>For technical and operational depth, in view of access to professional practice, the course includes: classroom exercises related to urban and regional analysis, surveys, analysis of cases of Italian and foreign study.</p> <p>For an adequate knowledge and understanding of the theoretical and methodological advances of the discipline in the international debate, the course includes (subject to verification of economic sustainability and realizability) study</p>



trips abroad.

## MODULE ANCIENT TOPOGRAPHY

*Prof. AURELIO BURGIO*

### SUGGESTED BIBLIOGRAPHY

F. Fabiani, L'urbanistica: città e paesaggi, Carocci Editore, Roma 2014.

F. 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).

D. Aruta, P. Marescalchi, Cartografia. Lettura delle carte, Dario Flaccovio Ed., Palermo 1986 (escluso pp. 65-72, e 85-88).

Altro materiale didattico sarà fornito attraverso la sezione download del sito web didattico del docente.

<b>AMBIT</b>	10681-Attività formative affini o integrative
<b>INDIVIDUAL STUDY (Hrs)</b>	68
<b>COURSE ACTIVITY (Hrs)</b>	32

### EDUCATIONAL OBJECTIVES OF THE MODULE

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

## SYLLABUS

Hrs	Frontal teaching
1	Introduction to the module, program, and valuation method.
2	The methodological approach to Ancient Topography and Landscape Archaeology. The interrelation between the man and environment.
3	Cartography and local names: the analysis of geomorphologic aspects and the selection of sites in Antiquity. The use of aerial photo in Archaeology.
2	Historical aspects of ancient world: synoecism; Greek and Roman colonization; urban planning.
4	The ancient road system: the "cursus publicus"; the "Itinerarium Antonini"; the "Tabula Peutingeriana". The ancient road system of Sicily.
4	Urban planning in the Greek world: paradigmatic examples of Archaic, Classical and Hellenistic cities. Hippodamo from Mileto.
3	Urban planning in the Roman world. The ancient town of Rome and the "Forma Urbis Severiana".
2	Thematic maps: the archaeological map; the preventive archaeological map. The Archaeology as a cultural tool for rural and urban planning.

Hrs	Practice
3	Cartography and local names: the analysis of geomorphologic aspects and the selection of sites in Antiquity. The use of aerial photo in Archaeology.
3	Rural structures in Antiquity: the Greek and Roman landscapes.

Hrs	Others
5	Survey



## MODULE TOWN AND REGIONAL PLANNING

*Prof.ssa ANGELA BADAMI*

### SUGGESTED BIBLIOGRAPHY

Per il modulo di Pianificazione Urbana e Territoriale:

Badami A., *Metamorfosi urbane*, Firenze, Alinea 2012.

Badami A., *Gibellina. La città che visse due volte*, Milano, FrancoAngeli, 2019.

Bonsinetto F. (a cura di), *Il pianificatore territoriale. Dalla formazione alla professione*, Roma, Gangemi, 2003.

Carta M., *Governare l'evoluzione. Saggi su principi, metodi e progetti per un'urbanistica in azione*, Milano, Franco Angeli, 2009.

Gaeta L., Janin Rivolin U., Mazza L., *Governo del territorio e pianificazione spaziale*, Citta' Studi Edizioni, Novara, 2013.

Mantini P., Lupi M., *I principi del governo del territorio*, Milano, Il Sole24Ore, 2005.

Properzi P.L. (a cura di), *Rapporto dal territorio 2010*, Roma, INU edizioni, 2011.

Salvia F., Bevilacqua C., *Manuale di diritto urbanistico*, Milano, Wolters Kluwer, 2017.

Per il modulo di Topografia antica:

F. Fabiani, *L'urbanistica: città e paesaggi*, Carocci Editore, Roma 2014.

F. 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).

D. Aruta, P. Marescalchi, *Cartografia. Lettura delle carte*, Dario Flaccovio Ed., Palermo 1986 (escluso pp. 65-72, e 85-88).

Altro materiale didattico sarà fornito agli studenti attraverso la sezione download del sito web didattico dei docenti.

<b>AMBIT</b>	50094-Architettura e ingegneria
<b>INDIVIDUAL STUDY (Hrs)</b>	136
<b>COURSE ACTIVITY (Hrs)</b>	64

### EDUCATIONAL OBJECTIVES OF THE MODULE

The course focuses on the themes of Town & Country Planning. The course analyzes the issues that characterize the planning and the government of the suburban territory, the problems of wide-area planning and peculiarities of sectoral planning.

The course structure its articulation through the intertwining of the three categories of interpretation: territory, norms, tools. In particular, the analysis and the recognition of the characteristics of urban and regional contexts; knowledge of the legal and regulatory system by this descending in their evolutionary dimension; the system of urban and regional planning instruments in Italy and observations about foreign planning systems.

The course explores the themes of sustainable dimension of territorial planning, landscape planning and cultural policies as a tool for social, economic, cultural and territorial development.

The educational objectives of the course in Urban and Regional Planning are enriched by educational visits and exercises carried out in coordination with the course of Ancient Topography.

The final phase of the course includes accompanying activities for the examinations and the preparation of State Examination for professional practice as a Junior Planner profession through guided simulation in the classroom.

## SYLLABUS

Hrs	Frontal teaching
2	Introduction to the course topics.
3	The territorial government systems. Legal families. Institutional technology. SHEETS: Principle of subsidiarity. Program agreement. Conferencing Service
3	The regional and sub-regional plans. The city-region of Howard and Geddes. From Garden City to New Towns. The experience of RPAA and TVA. Regional science. SHEETS: Region. Planning functions of local authorities.
2	The plans for transport, traffic and mobility. CASE STUDY: The General Urban Traffic Plan of Palermo. SHEETS: Urban Traffic Plan. The urban mobility plan.
2	The plans and programs for local development. Negotiated planning. Territorial integrated projects. Complex urban programs. SHEETS: Negotiated planning. Governance. Territorial integrated projects. Complex urban programs. Sustainable development.
3	The plans for the environment and the landscape. From the country to the landscape. Development in legislation: from Laws Bottai to Code Urbani. The European Landscape Convention. Basin plans. Plans for protected natural areas. SHEETS: Landscape plan. Plan for protected natural areas. Basin plan and river contracts. Landscape plan. Ecological networks.
3	From "Paessitico" Plan to "Paesaggistico" Plan. CASE STUDY: The PTPR of Sicily, state of the art.
2	The Regions planning systems, CASE STUDY: Puglia Region: the Regional Landscaped Territorial Plan.
3	The Planning Process. SWOT analysis. RHOL analysis.



2	The Strategic Plan. CASE STUDY: The Strategic Plan for Palermo. The L.R. 20/2000 on the establishment of the regional system of archaeological parks.
2	Explanation of exercise
3	Urban metamorphosis. From the concept of patrimoine to PSMV
3	Urban metamorphosis. From Malraux to Jacques Chirac.
3	Urban metamorphosis. "Espaces Proteges" and planning instruments.
3	Urban metamorphosis. "Fouilles archéologiques": prevention, protection, development.
2	The planning profession - Public administration - Freelancer - Preparation for State Exam
3	Summary of topics and accompanying exams.
<b>Hrs</b>	<b>Practice</b>
3	TESTS IN ONGOING   READING OF REGIONAL PLANS
2	TESTS IN ONGOING   READING OF LANDSCAPE PLANS
3	REVIEW PROJECTS
3	TESTS IN ONGOING   SIMULATION OF STATE EXAMINATION FOR PROFESSIONAL QUALIFICATION
3	REVIEW PROJECTS
<b>Hrs</b>	<b>Others</b>
6	SITE INSPECTION ON THE CASE STUDY