



# UNIVERSITÀ DEGLI STUDI DI PALERMO

Department: Architecture

A.Y. 2023/2024

## DEGREE COURSE IN URBAN DESIGN FOR THE CITY IN TRANSITION

### Characteristics



Class of Bachelor's Degree (BSc) on Town, regional and environmental planning (L-21)



3 YEARS



PALERMO



FREE ACCESS



2285

### Educational objectives

In this Degree Course students will perform as much experimental experience as possible with a thematic laboratory for each year of the related to: a theoretical and methodological discipline in the field of urban and regional planning and basic class-specific and related disciplines enabling them to grasp the various points of view on the transformation of the city and the territory, in historical, economic, social, environmental, infrastructural and architectural and urban planning terms.

The Degree Course therefore proposes a set of theoretical-practical teachings aimed at understanding urban and territorial phenomena and building principles and methodologies useful to the cognitive approaches, triggered also by practical experiments aimed at the acquisition of cultural apparatus and operational techniques. The lines of action of these teachings include urban, general and social science issues, related to the typical procedures and techniques of regional and urban planning. Along with the theoretical teachings are developed laboratories pursuing experimental actions, which train students also through experimental practice and simulation of planning processes. These laboratories are usually related to topics concerning the city, the territory and the environment. In these courses students see the application of the experimental reasons of their future profession, which will be further explored through practical activities, during the internships in the third year of the course.

The three-year Degree in Urban Planning and City Sciences trains experts in the analysis, research and representations related to the city, the anthropized or natural territory, the environment and the landscape.

Their professional expertise is at the basis of the process of drawing up urban, territorial, environmental and sector plans prepared by the Public Administrations (Regions, Municipalities, Local Authorities) or by Agencies, Organizations and private companies.

The professional skills of graduates in Urban Planning and City Sciences enable them to understand and interpret the processes of historical transformation of the territory and of the cities, peculiar skills necessary for the preparation of analyses aiming at the knowledge of the territorial resources and their state of conservation, heritage building (both historical and contemporary) and of complex systems such as landscape and environmental ones.

Graduates in Urban Planning and City Sciences also possess the social, political and economic skills interacting with the structure of the city and the territory, as well as the ability to use the tools for strategic environmental assessment (VAS) and for the representation and management of geographic information (Geographic Information System), considered today among the professional skills most requested by the Public Administrations and in all cases of drafting of complex territorial projects.

The Degree Course in Urban Planning and City Sciences, in short, has the following objectives:

a) education of experts capable of:

a1) coping with the use of new technologies (CAD and GIS) for the analysis, description, interpretation and evaluation of territorial and environmental transformations;

a2) using in their professional practice the principles and techniques aiming at the knowledge of the elements for the recovery of historical centres and for urban and territorial redevelopment;

a3) using in their professional practice the principles and techniques aiming at the knowledge of the elements for the protection and enhancement of cultural and environmental heritage both concentrated and widespread in the territory;

b) cooperating with the public administration in the control, management and evaluation of the transformation processes of the city and the territory and in the forecast/implementation of complex programs, in particular with respect to the indications and tools offered by the Union European and with to the use of the economic resources of the community and to the policies of development of the European territory.

Legenda: Per. = periodo o semestre, Val. = Valutazione (V=voto, G=giudizio), TAF= Tipologia Attività Formativa (A=base, B=caratterizzante, C=Affine, S=stages, D=a scelta, F=altre)

Training in the field of spatial planning and urban planning must take into account the major changes (from the escalation of global environmental issues to the globalization of economic and cultural dynamics, to the new forms of conflict) that run through the planning and that are putting a strain on ethical foundations, disciplinary statutes, theoretical and methodological systems of planning itself. These changes do not only affect the labour market and the emergence of new professional profiles, but also the questions, citizenship rights and social needs to which the planning "culture" must know how to respond.

### Professional opportunities

Junior planner (DPR 328/2001)

Functions:

- expert in the analysis, research and representation of town, anthropized or natural territory, environment, and landscape.

Skills:

- analysis of the transformation processes of the city, the territory, the landscape and the environment;
- interpretation of the settlement, landscape and environmental structures in their evolutionary processes, from an economic, social and physical point of view;
- urban, regional, landscape and environmental planning and design, and territorial government policies;
- analysis of the process of formation of complex policies, programs and projects;
- evaluation of the consequences of territorial governance actions in terms of settlement, environmental, landscape, social and economic aspects;
- processing of spatial and environmental information through new information technologies.

Professional opportunities:

The needs of the market can be identified essentially in the need of public administrations to equip themselves with qualified staff for the interpretation and implementation of territorial governance policies, with reference to the national and international frameworks that will increasingly influence the decisions of public development policies. Even the professional and research sectors would find considerable advantages from professionals who have carried out experiences of high theoretical value and in-depth study in the field. The sectors interested in the specific professional profile can therefore be identified in:

- Public administrations in the field of land management;
- Private sector, namely collaborations with professional firms, research centers and agencies providing high level analysis, planning and management services;
- Service companies for the design or implementation of territorial information systems, multi-criteria analysis systems, territorial impact assessments of projects, strategic environmental assessment, etc. ;
- Public or private research institutes on territorial transformations.

After the State Examination, the title of Junior Planner can be obtained and the registration of the Order of Architects, Planners, Landscapers and Conservators, Section B, 'Planning' sector is permitted.

### Final examination features

To obtain the degree, students must have acquired 180 credits including those relating to the final examination. The final examination has the objective of assessing the level of maturity and critical skills of the undergraduate, with respect to learning and to the acquired knowledge, on completion of the activities provided by the course syllabus. The final examination consists of a written or oral test, in accordance with the rules fixed every year by the relevant Degree Course Regulations, in accordance to the calendar, the ministerial requirements and to the relevant Guidelines of the University.

Subjects 1 ° year	CFU	Sem.	Val.	SSD	TAF
23094 - CITIES IN TRANSITION <i>Giampino(RD)</i>	6	1	V	ICAR/21	B
23385 - DIGITAL DRAWING FOR THE CITIES (STUDIO) <i>Garofalo(PA)</i>	8	1	V	ICAR/17	A
23095 - SPACE AND SOCIETY <i>Giubilaro(RD)</i>	8	1	V	M-GGR/01	A
23126 - URBAN ANALYSIS + GIS BASES - INTEGRATED COURSE	14	Ann.	V		
- GIS BASICS <i>Midulla(PA)</i>	4	1		ICAR/06	C
- URBAN ANALYSIS (STUDIO) <i>Todaro(PA)</i>	10	Ann.		ICAR/20	B
23098 - ENGLISH FOR URBAN PLANNING	3	1	G		E
22665 - HISTORY OF ARCHITECTURE AND CITIES <i>Scaduto(PA)</i>	6	2	V	ICAR/18	B
23093 - MATHEMATICAL AND STATISTICAL METHODS FOR THE TERRITORY <i>Dalbono(RU)</i>	6	2	V	MAT/05	A

Legenda: Per. = periodo o semestre, Val. = Valutazione (V=voto, G=giudizio), TAF= Tipologia Attività Formativa (A=base, B=caratterizzante, C=Affine, S=stages, D=a scelta, F=altre)

Subjects 1 ° year	CFU	Sem.	Val.	SSD	TAF
23097 - POPULATION STUDIES METHODS <i>Busetta(PA)</i>	5	2	V	SECS-S/04	C

56

Subjects 2 ° year	CFU	Sem.	Val.	SSD	TAF
23122 - ADVANCED SPATIAL ANALYSIS + 3D MAPPING FOR THE TERRITORY	12	1	V		
- ADVANCED SPATIAL ANALYSIS (LABORATORY) <i>Croce(RD)</i>	6	1		M-GGR/01	A
- 3D MAPPING FOR THE TERRITORY (LABORATORY) <i>Morena(RD)</i>	6	1		ICAR/17	A
23100 - ENVIRONMENTAL AND ECONOMIC SUSTAINABILITY EVALUATION <i>Napoli(PO)</i>	6	1	V	ICAR/22	B
23105 - URBAN AND REGIONAL GOVERNANCE <i>Schiavo(PA)</i>	8	1	V	ICAR/21	B
23109 - URBAN PLANNING LAW AND ENVIRONMENT AND LANDSCAPE PROTECTION <i>Cavallaro(PO)</i>	6	1	V	IUS/10	B
13351 - ADVANCED SKILLS RELATED TO THE LABOUR MARKET	2	1	G		F
23379 - RENEWAL OF CONTEMPORARY CITIES (STUDIO) <i>Abbate(PA)</i>	10	2	V	ICAR/21	B
23108 - URBAN AND REGIONAL CIRCULAR ECONOMICS <i>Provenzano(PA)</i>	5	2	V	SECS-P/06	C
23378 - URBAN AND REGIONAL HISTORY (STUDIO) <i>Di Fede(PA)</i>	6	2	V	ICAR/18	B
23383 - URBAN LANDSCAPE: MORPHOLOGY AND DESIGN (STUDIO) <i>Macaluso(PA)</i>	6	2	V	ICAR/14	C

61

Subjects 3 ° year	CFU	Sem.	Val.	SSD	TAF
23119 - INCLUSIVE URBAN DESIGN + SOCIAL INCLUSION PROCESSES - INTEGRATED COURSE	15	Ann.	V		
- INCLUSIVE URBAN DESIGN (STUDIO) <i>Bonafede(PA)</i>	10	Ann.		ICAR/20	B
- SOCIAL INNOVATION PROCESSES <i>Lo Verde(PO)</i>	5	2		SPS/10	B
23121 - URBAN METABOLISM AND RESILIENCE + SMART MOBILITY FOR SUSTAINABLE CITIES	14	1	V		
- SMART MOBILITY FOR SUSTAINABLE CITIES <i>Grana'(PO)</i>	6	1		ICAR/04	B
- URBAN METABOLISM AND RESILIENCE <i>Badami(PO)</i>	8	1		ICAR/21	B
14184 - INTERNSHIP	6	1	G		F
23118 - URBAN BIODIVERSITY + AGRICULTURAL LANDSCAPE AND BIODIVERSITY - INTEGRATED COURSE	12	2	V		
- AGRICULTURAL LANDSCAPE AND BIODIVERSITY <i>Sottile(PA)</i>	6	2		AGR/03	A
- URBAN BIODIVERSITY <i>Bazan(PA)</i>	6	2		BIO/03	A
05917 - FINAL EXAMINATION	4	2	V		E

Legenda: Per. = periodo o semestre, Val. = Valutazione (V=voto, G=giudizio), TAF= Tipologia Attività Formativa (A=base, B=caratterizzante, C=Affine, S=stages, D=a scelta, F=altre)

Subjects 3 <sup>o</sup> year	CFU	Sem.	Val.	SSD	TAF
Free subjects (suggested)	12				D

63

### OPTIONAL SUBJECTS

Free subjects (suggested)	CFU	Sem.	Val.	SSD	TAF
23418 - CHALLENGES FOR TERRITORIES IN TRANSITION+TECHNOLOGICAL SOLUTIONS +PLACE BRANDING - STUDIO - INTEGRATED COURSE	12	1	V		
- TECHNOLOGICAL SOLUTIONS <i>Nicolini(RD)</i>	3	1	V	ICAR/12	D
- PLACE BRANDING <i>Costa(RD)</i>	3	1	V	ICAR/13	D
- CHALLENGES FOR TERRITORIES IN TRANSITION <i>Crobe(RD)</i>	6	1	V	ICAR/21	D
23417 - LANDSCAPE ARCHAEOLOGY AND GIS + HISTORICAL PARKS AND GARDENS RESTORATION - INTEGRATED COURSE	12	1	V		
- LANDSCAPE ARCHAEOLOGY AND GIS <i>Burgio(PA)</i>	6	1	V	L-ANT/09	D
- HISTORICAL PARKS AND GARDENS RESTORATION <i>Prescia(PO)</i>	6	1	V	ICAR/19	D
23410 - S.E.A. AND ASSESSMENT TECHNIQUES AND PROCEDURES + URBAN PLANNING TECHNIQUES - INTEGRATED COURSE	12	1	V		
- TOWN PLANNING TECHNIQUE <i>Vinci(PA)</i>	6	1	V	ICAR/21	D
- S.E.A. AND ASSESSMENT TECHNIQUES AND PROCEDURES <i>Trapani(PA)</i>	6	1	V	ICAR/21	D

Legenda: Per. = periodo o semestre, Val. = Valutazione (V=voto, G=giudizio), TAF= Tipologia Attività Formativa (A=base, B=caratterizzante, C=Affine, S=stages, D=a scelta, F=altre)