



Degree course	Architettura quinquennale – Classe LM-4
Course code	60N89
Lecturer	Prof. Francesca Moraci
Course name	Pianificazione urbanistica Progettazione urbanistica Laboratorio di “Urbanistica 2”
Disciplinary area	Progettazione urbanistica e pianificazione territoriale
Disciplinary field of science	ICAR/21 Urbanistica
University credits - ECTS	12
Teaching hours	120
Course year	4°
Semester	1°, 2°

Synthetic description and specific course objectives

The Laboratory contributes to the formation of the European architect in line with the educational objectives of the LM4 Class, creating a professional figure with specific design ability, at all levels, as regulated by DPR n. 328/2001 that it empower the professional full title to operate, even at European level, in the field of urban and landscape planning. The course is scheduled in the third year of the degree course “Architettura quinquennale”. The specific objective of the course, in line with the contents of the SSD ICAR/21, is the integration of knowledge -in the context of urban, land and environmental planning- finalized to the process of design synthesis.

The course provides basic knowledge and expertise -through case-study, hypothesis testing, tutorials- on the fundamentals of technique-based urban planning, urban and land design with traditional techniques and new ways (linked to regional legislation, complex programs and perequazione, etc). The course also provides ways to approach the design and study of the transformations affecting: urban systems, the effectiveness of regional and sectorial planning legislation, the new urban programs and innovations related to the development of operational procedures. The objective is to teach them the basic techniques in order to the city planning through the understanding of relevant topics and formal and operative construction of the project and its drawings and administrative procedures.

Course entry requirements

The course is part of a training course in which students have already been provided the basic concepts that characterize the discipline object of the laboratory. The course will deal with - through progressive levels of analysis the most debated and critical issues of urban design and the links with urban, territorial, environmental and landscape planning. The design at the urban scale (projects and implementing urban plans, urban plans, as well as wide-area plans) falls within the competence of the Architect. The main purposes of the course are aimed at providing students with the basics in terms of technical and urban (and territorial) planning, and some notes on deepening the construction/implementation of the planning tools and national and regional legislation. In particular, the case studies are oriented toward the comparative knowledge of the LUR provided in the national scene, with a further deepening of Lur Calabria.

To take the exam of this Laboratory, the student must have passed the exams of: Diritto

Urbanistico (first year), Laboratory of Urbanistica I (second year).

In particular, the student must have an adequate knowledge in relation to:

- The main concepts and theoretical topics related to the role of urban and territorial planning;
- The history of modern city planning and the main steps of the construction process and the formation of the planning disciplinary corpus;
- The ability to produce adequate cartographic representation of urban and territorial phenomena
- Knowledge of the fundamental principles of the technical urban planning;
- The essential elements of planning, landscape and environment legislation at the national and regional level.

Course programme

The annual laboratory proposes: a synthetic framework of recognition on the topics already addressed in the preparatory courses, a methodological study on the most salient, a reading of the best practices and methods on the construction of planning tools in light of recent legislative innovations .

They are brought under review -throughout the duration of the Laboratory- the contents and the comparison between urban planning and implementation, including national and regional legislation and current innovations (by reading the best practices), strategies and *programmi complessi*, the main valuation techniques accompanying the plan in addition to the unbreakable bond between town planning and building design.

The lectures of the Laboratory are divided into four thematic sections:

Module General: notions on town planning, on ordinary tools for the implementation of the plan, on the experiences in the national and international debate.

Module 1: Regional planning legislation and current innovations with reference to the urban implications.

Module 2: Urban Techniques introduced through the Lur in the construction and implementation of the plan.

Module 3: Examples of the Piano Strutturale Comunale (PSC), the POT and the Piani attuativi unitari (PAU) and the tools of the Pianificazione negoziata construction, under the Lur 19/2002.

There will be a series of seminars (which will be invited external speakers, experts from various interdisciplinary areas) about urban projects, on the topics of regional planning legislation and its application, perequazione, sector studies and specialized investigations with respect to the contents of the PSC (Lur 19/2002), with the presentation of case studies related to planning tools and analysis of plans; on elements of the municipal plan design: infrastructure, service system, peri-urban areas, geomorphology and safety, etc.

The practical exercise will address the urban design of parts of the city with the preparation of plans and implementation tools of the Piano strutturale comunale. It will have as its object of study the preparation of a Piano Attuativo Unitario (PAU), or the design of a Ambito Territoriale Unitario (ATU) in reference to the implementation of the strategic guidelines established by the Documento Preliminare (DP) of the Piano strutturale Comunale of a Calabrian municipality.

The purpose of the practical exercise is to propose a general reorganization of the area in question, in reference to all of the public spaces and existing buildings, both forward more detailed proposals with respect to portions of the area. Particular attention will be devoted to the delicate relationship between urban planning and design and building requalification.

Expected results

The aim of the course is to enable the student: to deal with, the necessary basic knowledge, a first critical apparatus to the territorial and urban problems in the current context, to test this knowledge in an project application in some parts of the territory, to develop the ability to analyze and interpret the urban systems in order to identify the structures, hierarchies and relationships, aimed at urban planning and development of parts of the city (recovery of the existing city, environmental regeneration and functional recovery of disused areas).

The student will acquire, during the course:

- The ability to interpret trends and possible outcomes of the transformations of the city, in relation to physical, environmental and economic changes and social dynamics and policies of government, through the preparation of the PSC and the POT;
 - Specific knowledge of the methods and techniques used to construct the instruments of implementation, traditional and new.
 - The ability to apply theories, methods, techniques of urban planning and territorial cohesion through the application of an instrument of implementation;
 - Adequate knowledge of the methods and techniques of organization and management of processes and procedures relating to the government of the territory.
- The course offers a deeper scientific reflection on the characteristics, operation and performance of the settlement system to the urban and territorial scale, with the aim of:
- define the background scenery to plan strategies and implementation of project interventions useful for the incremental transformation of urban and territorial systems.
 - finalize, this process, towards the identification of the dominant themes of the transformation of the space, the city and the region, through the analysis of urban and territorial planning tools aimed at the design of the different levels.

Course structure and teaching

Lectures (*hours/year in lecture theatre*): 60
 Practical class (*hours/year in lecture theatre*): 30
 Practical / Workshops (*hours/year in lecture theatre*): 30

The course is organized in lectures, seminars, tutorials, group reviews and practical class discussions. The Attendance is obligatory (70% of hours in lecture theatre). Students are required to enroll no later than the second week of classes; the presences will be verified in every lesson.

Student's independent work

For the final exam, students are required: to study and critically revise the contents of course - subject to ex cathedra lecture and seminar activities-; to perform all the assigned exercise. The number of hours of individual study for these activities is estimated at about 180 hours for the entire Laboratory.

The student will perform, outside of teaching hours, additional 120 hours of insights related to the themes of the lectures and the practical exercise that will have as its object of study the preparation of a Piano Attuativo Unitario (PAU), or the design of a Ambito Territoriale Unitario (ATU) in reference to the implementation of the strategic guidelines established by the Documento Preliminare (DP) of the Piano strutturale Comunale of a Calabrian municipality.

In particular, the exercise will provide for:

- Reconnaissance of problems and peculiarities of the "ambito". The project work summarizes the main features of the chosen Ambito Territoriale Unitario (ATU), relative to bonds, orographic conditions, accessibility (through drawings, summary and reports).
- Interventions provided and equalization mode. Project. Calculation of areas subject to equalization and methods of implementation (through drawings, summary and reports).
- Implementation and public/private, PP, involvement. Simulation of Public/Private contractual arrangements (through summary and reports).

Testing and exams

To take the final exam you will need to have attended lectures and taking part in collective activities of the laboratory (lectures, seminars, workshops, revisions), and having done the tutorial project on the topic agreed with the teacher. The exam will consist of an interview on the topics covered in the lessons and the illustration of the drawings based on the work carried out during the Laboratory. The project can be processed individually or in small groups (maximum three people) and its progress will be discussed by collective or individual reviewing, midterm

workshops and seminars that regularly punctuate the activities of the Laboratory. Are attributed to the Laboratory 12 ECTS. The attendance is mandatory for 70% of hours in lecture theatre set by the calendar. The frequency signature is subject in addition to the actual frequency, although active participation in exercises and effective development of the theme of the year.

Suggested reading materials

References

- Avarello P., *Se esiste l'urbanistica a cosa serve?*, Collana INU edizioni, 2010.
- Carbonara S, Torre C.M. (a cura di), *Urbanistica e perequazione. Regime dei suoli, land value recapture e compensazione nei piani*, Angeli 2012.
- Karrer F., M. Ricci, *Città e nuovo Welfare*, Officina Edizioni 2003.
- Moraci F., *Studi preliminari alla formazione del Piano Strutturale Comunale di Reggio Calabria*, Catalogo Della Mostra-UrbanPromo2009, Scheda di presentazione del PSC ad UP09, Vol. 1, 2009;
- articles: *Urbanistica* 148-149, *Urbanistica Dossier* 111 e 125, *Urbanistica Informazioni* 197.

During the course will be provided other texts and articles.

Legislation and regulations

National and regional laws - Urban planning national legislation

Regional law n. 19 of 16 April 2002 and subsequent amendments

Regione Calabria, *Linee Guida della Pianificazione Regionale*, Assessorato Urbanistica e

Governo del Territorio, Regione Calabria, 2008

D.lgs. n. 152/2006 and subsequent amendments

Legislation and explanatory circulars will be provided during the course.

Webliography (will be provided during the course)

Other Teaching Materials

Teaching materials and cartographies will be provided during the course and/or published on website.