



COURSE DESCRIPTION

TECHNIQUE OF URBAN AND TERRITORIAL PLANNING

SSD: TECNICA E PIANIFICAZIONE URBANISTICA (ICAR/20)

DEGREE PROGRAMME: ARCHITETTURA (N14)
ACADEMIC YEAR 2022/2023

COURSE DESCRIPTION

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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: III
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 6

REQUIRED PRELIMINARY COURSES

Fondamenti di Urbanistica

PREREQUISITES

Nothing

LEARNING GOALS

The aim of the course is to build a training itinerary focusing on the general and specific features of the discipline - from Theory to Operational Practice - through four cognitive levels:

1. The theory (history, methodologies) has as its reference the disciplinary corpus that characterizes modern urban planning, through theoretical proposals, experiences and critical contributions,
2. The technique, (constituent elements), deals with the methodological and technical construction of the general and detailed urban plan and of the latter also in relation to the disciplines of urban design;

3. The form of transformations, (the spatial aspects), proposed in relation to the results that the theories and experiences of modern urban planning have achieved in the construction of the city and the territory;

4. The government of transformations, (the institutions) or the legislative instruments of urban planning.

The training process must, therefore, contemplate a set of knowledge that allows the learning of both general theoretical and operational features, as urban planning and the technique related to it is a practical discipline - that is, exercise, application, way of doing, comparison with reality - that closely combines knowledge and experience, and teaching cannot be limited to theoretical elaboration but to "concrete" doing, to acting in real processes and their complexity.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student, aware of some structural features of the great transformation that societies and territories are experiencing, in globalization, must demonstrate the ability to theoretically and methodologically structure planning and urban planning activities on an urban, general an implementation scale and on a territorial scale by confronting its different degrees of complexity, with the different areas of its application and with the questions posed by the legislation in force. In addition, the student must be able to update or expand their knowledge by independently drawing on texts, scientific articles and technical standards of the local government. To this end, the course provides the student with indications and suggestions useful for their continuous updating and the progressive enrichment of their skills.

Applying knowledge and understanding

The student must demonstrate possession of the basic skills necessary for the activity of drafting urban plans on a general and implementation scale and territorial plans, in accordance with the legislative framework in force and in compliance with the guiding principles of modern territorial planning and governance.

In addition the student:

must be able to autonomously assess the environmental, ecological, cultural and socio-economic needs of the territory subject to planning; support the competent administrations in territorial government decisions; autonomously evaluate the coherence of the given directions with the framework of the superordinate and sectoral planning

must be able to: communicate, through graphic and verbal/textual elaborations, the principles, rules and norms that govern the planned territory, providing a clear and understandable framework, even to subjects without specific technical skills, of the discipline of the soil, of the objectives of the plan, of the monitoring tools.

COURSE CONTENT/SYLLABUS

The program includes the following topics

Part One: from modern to contemporary urban planning (general theories, tools and

methods)

- The birth of modern urbanism: the industrial revolution and the city, The Utopias and the modern city, the post-liberal city.
- The construction of the modern city: Paris (Haussman), Barcelona (Cerdà), Amsterdam (Van Eesteren)
- The Contemporary City: The paradigm of sustainability and Urban Regeneration

Part Two: The evolution of the Piano form in Italy (theories, tools and methods)

- From recovery plans to general land use plan
- The planning "model" in Italy: types and purposes of plans.
- From the General Town Plan to the Town Urban Plan;

Part Three: The construction of the Municipal Urban Plan (tools, methods, techniques, elaborations)

- Zoning, urban standards;
- Urban Indices and Parameters;
- The sizing of the plan
- The study of the territory and the city: The cognitive framework for the drafting of the P.U.C.
- The study of the territory and the city: investigations on the natural and urban landscape in the formation of the plan
- The forms of implementation of the Urban Plan: The Urban Implementation Plans
- The forms of implementation of the Urban Plan: Urban equalization
- The project documents: The preliminary plan, the structural plan, the operational plan
- The project documents: The general report, the technical implementation standards, the urban building regulations
- The evaluation for the PUC: The Strategic Environmental Assessment (SEA)
- The forms of implementation of the Urban Plan: Urban equalization
- The project documents: The preliminary plan, the structural plan, the operational plan
- The project documents: The general report, the technical implementation standards, the urban building regulations
- The evaluation for the PUC: The Strategic Environmental Assessment (SEA)
- The forms of implementation of the Urban Plan: Urban equalization
- The project documents: The preliminary plan, the structural plan, the operational plan
- The project documents: The general report, the technical implementation standards, the urban building regulations
- The evaluation for the PUC: The Strategic Environmental Assessment (SEA)

Thematic Seminars

- The contemporary city: case studies: New Urbanism in the USA
- The contemporary city: urban regeneration in Europe from the 80s to today
- The P.U.C. in Campania, case studies: The PUC of the Municipality of Moiano (BN);
- The P.U.C. in Campania, case studies: The PUC of the Municipality Quarto (NA);

The exercise - Exercises on the sizing of Urban Implementation Plans

READINGS/BIBLIOGRAPHY

The teaching material made available to students consists of:

- Handout edited by the course owner who in a discursive way on the contents of the individual lessons and seminars (Teams channel of the Course);
- Slides of the individual lessons/seminars held (Teams channel of the Course);
- Bibliographical references with the basic texts of deepening (reported in the handout and in the lessons)

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is divided into:

lectures (60%), aimed at illustrating to students the theories and methods of urban planning technique, -

thematic seminars (20%), held by the teacher and / or experts of the discipline to deepen the concrete application of theories and methods through the illustration of case studies

exercises (20%), with which students will be required to test the application of the techniques learned during the course

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- Written
- Oral
- Project discussion
- Other

In case of a written exam, questions refer to

- Multiple choice answers
- Open answers
- Numerical exercises

b) Evaluation pattern

The evaluation of learning will consist of an individual interview on the topics addressed in the lessons / seminars contained in the handout edited by the teacher, and on the performance of numerical exercise concerning the sizing of an Urban Implementation Plan.