



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: 02 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 course provides students with the methods and technical knowledge of urban and territorial planning and design and the basic skills for understanding and developing of both town and regional plans

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 and

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 course will cover the following topics:

1st part of the law

- Law 17 August 1942, n. 1150 - Town planning law;
- Law 6 August 1967, no. 765 - Bridge law;
- Interministerial decree 2 April 1968, n. 1444;
- Presidential Decree 6 June 2001, no. 380 - Consolidated text of legislative and regulatory provisions on building matters;
- Regional Law 22 December 2004 n. 16 - Rules on the government of the territory;
- Regional Regulation no. 5 of 4 August 2011 - Implementing regulation for the government of the territory;

2nd part Urban planning vocabulary and decision support

- Building indices and parameters
- Town planning indices and parameters
- SWOT Analysis;
- Planning levels;
- Sizing of plans;
- Town Planning Standards

3rd part Sustainability of plans

- Urban densification;
- Resilience;
- Water Sensitive Urban Planning

READINGS/BIBLIOGRAPHY

Teaching aids provided by the teacher;

Extracts and readings provided by the teacher;

Guido Colombo, Fortunato Pagano, Mario Rossetti: Manuale di urbanistica. Ed. Il Sole 24 Ore;

Alessandro Sgobbo: Water Sensitive Urban Planning. INU Edizioni;

Enrico Dalfino: Lessico giuridico dell'edilizia e dell'urbanistica - ed. Laterza.

TEACHING METHODS OF THE COURSE (OR MODULE)

Teaching is organized through theoretical lessons (70%) and practical exercises (30%) developed according to a challenge-based teaching methodology. Students are assigned problems and questions to be addressed without prior preparation, in teams and with defined times. The theoretical lessons address ex post the themes of the proposed challenge by appropriately framing the skills acquired in the exercise. The course is divided into successive moments at the end of which intermediate learning tests are proposed. The first part concerns the legislation of the sector, the urban indices and the territorial indicators; the second period focuses on decision support techniques; the third part focuses on issues concerning the sizing of planning tools and the opportunities for responding to the needs of the territory; the final part focuses on urban densification and regeneration strategies.

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 assessment of learning takes place through exams and a final written and oral exam with an examination of the exercises carried out during the course.