

Degree course	L-17 - Science of Architecture
Course code	
Lecturer	Sante Foresta
Course name	European Spatial Planning and Programming
Disciplinary area	Planning
Disciplinary field of science	ICAR/21
University credits - ECTS	6
Teaching hours	60
Course year	II
Semester	I

Brief description of teaching and learning objectives

The course is dedicated, with particular reference to the Plans, Programs and Projects for the Environment, the City and the Territory, to the description, understanding and application of a case study freely chosen by the student of the role they can play in regional policy ' implementation of the Europe 2020 Strategy and the implementation of the General Programme of Union action on the environment by 2020 "Living well within the limits of our planet."

It will therefore be studied cohesion policy in support of the Strategy and the Programme to help put the EU economy on the road to sustainable growth. The realization of the goals set in the Europe 2020 strategy will depend, in large measure, by decisions taken at local and regional level. Regional policy plays a key role in facilitating the transition to investments to promote smart and sustainable growth through the actions to solve climate issues, energy and environmental.

The course takes account of the measures and decisions taken at EU level to strengthen the sustainable development of regions and is dedicated, in part, also to the regional policy for smart growth, in order to better understand the contribution of policies to structural changes of ' Environment, the City and the Territory for the success of Europe 2020.

Topics of study and research:

- Planning systems and territorial policies in Europe;
- Patterns of land use;
- Programs Espon and Urbact;
- Strategies of regional planning;
- Management of natural and cultural heritage;
- Actions for sustainable urban development in the European Union;
- The territorial impact of regional policies;
- Policies for urban areas;
- The programming of the 2014-2020 European Regional Development Fund;
- Sustainable urban development and competitiveness and attractiveness of cities.

Course entry requirements

The course does not require as a prerequisite to have supported the preparatory materials, or special knowledge.

Course programme

During the course of the course is planned exercise, on an inter-municipal territory chosen by the student, leading to an agreement model Integrated Land Planning both viewpoints of the analysis and evaluation of the Cognitive Framework of the territory of ' environment and urban areas and the preparation, through a unique methodology, the tools for planning and programming such as, for example, the Programme Area.

Will be the subject of study and research in the tutorial the following subject areas:

- Networking and Mobility.
- Dies and manufacturing facilities.

- Environment and urban areas.
- Culture: identity, quality of life, urban decor, art, architecture and archeology.
- Enhancement of the tourist coastal areas, foothill and mountain areas in terms of environmental protection and environmental balance, the use of economic and social resources, defense and enhancement of a great cultural heritage and landscape.
- Designing a system ecomuseale as an expression of the culture of an area considered as a whole and tool for his recovery, revitalization and promotion that has the center of his plan people and local communities, closely linked to local development.
- Design of governance actions and cooperation to develop initiatives for the enhancement of tourism and environmental and cultural inter-connected to the territory, in particular, with the chance to experience By design, forms of integration policies for local development and programming tools relatively to use natural and environmental qualification of accommodation and the development of natural resources.

The course is divided into Theme Sections:

SYSTEM ENVIRONMENTAL ISSUES AND CLASSIFICATION ZONE THEME
THE INVARIANT IN ENVIRONMENTAL PLANNING PROCESS STRUCTURAL

- The Framework of the environmental system.
- The computerized maps relating to land-use planning, landscape and urban planning.
- The processing specialist: the documentation required for risk assessment.
- The report on the status of the territory.
- The documentation on the state of the environment (ZPS, SIC, Potentially, etc.):
 - Classification of CTR 1: 5,000.
 - System of settlements and infrastructure.
 - Soil protection.
 - System landscape and environment.
 - Ecological Network.
 - System of landscape and environmental constraints.
 - Units of landscape.
 - Classification of Sites of Community Interest.

SPATIAL REFERENCE SYSTEM - PLANNING AND PROGRAMMING

Constitute the reference methodological basis of the process of formation of the instruments of government of the territory and in particular for the purpose and content of the Plan and for the definition of interventions, Plans and Programs sectoral level and exclusive jurisdiction of the Region and the Province such as, in particular, those referred to below:

- Framework for Regional Territorial landscape value;
- Hydrogeological Plan;
- Territorial Plan for Provincial Coordination;
- Other plans and programs of the sector at the regional and provincial levels.

PLANNING LOCAL LEVEL: THE RULE OF LAW OF THE TERRITORY

The status of implementation of the General Plan in force with regard to Territorial Zone Homogeneous attributable, as DI April 2, 1968, n. 1444, the classes:

- A - historical centers of ancient formation
- B - zones of completion
- C - expansion zones
- D - industrial zones and craft
- E - agricultural areas
- F - areas intended to services and equipment

SYSTEM RESOURCES TERRITORIAL: CORES HISTORICAL AND CULTURAL HERITAGE,
ARCHAEOLOGICAL SITES, VALUES OF LANDSCAPE

- Core historical and cultural heritage in urban areas.
- The capital resources in suburban area.

- The resource water.
- The coastal areas.
- The soil resource and its territorial.
- Protected areas: the Sites of Community Interest.
- The cultural landscape.
- The historic landscape.
- The transformations of the landscape before and after the “Latifondo” and Agrarian Reform.
- The natural environment.
- - The urban environment.

Expected results

In terms of expected results, the course aims to provide students with skills and expertise to:

- Building a knowledge framework is of critical values that environment, landscape and territorial policies and local projects on which to base intervention strategies.
- Define a scenario planning medium to long term.
- Develop and subsequently apply a valuation model for multi-purpose evaluation of the policies implemented and planned.
- Propose an action program for the realization of a scenario planning.

In particular, with reference to the protection, qualification and enhancement of sustainable urban systems and environmental and landscape equipment, students will acquire knowledge in order to:

- Propose environmental policies for the definition of the areas and corridors are functional to ecological continuity on the territory, the protection of biodiversity and landscape enhancement.
- Design work for the consolidation of the areas of natural and semi-natural, even through the implementation of age capable of connection to network elements fine residue fields with natural reconstituted.
- Designing environmental restoration multipurpose sites degraded by human activities, such as quarry areas abandoned or disused, in order to implement ecological functionality, facilitate the restoration of landscape and allow the public accessibility of the sites rehabilitated.

Also in order to verify the expected results will be the subject of specific analyzes the calculations relating to the classification of the zonal thematic territory:

- The characteristics of the environmental components;
- The requirements for environmental protection and the protection of public health;
- The elements relevant spatial, such as distribution and population density in the surrounding area, proximity of sensitive elements such as schools and hospitals.

With reference to the programmatic and regulatory framework for planning at the municipal, inter-municipal, provincial and regional levels, will be subject to verification the knowledge gained in relation to:

- Programmatic references;
- Regional Operational Programmes ERDF and ESF;
- The Rural Development Programme;
- The scheme of higher-level constraints existing in the municipal / inter;
- The Territorial Plan for Provincial Coordination;
- Overview of the Regional Spatial Landscape.

With regard to the classification issue of zonal territory, the student will be engaged during exercises for the evaluation of characters of urban areas are determined by reference to the morphological aspects related to the degree of consolidation and the procedures for aggregation of different parts.

With regard to programming and planning in place, the student will be engaged during the exercises in the study of Community Initiative Programmes.

Course structure and teaching

Lectures (hours / year in lecture theater): 50 hours during the whole semester.

Exercises (hours / year in lecture theater): 10 hours during the whole semester.

Student's independent work

The student, outside of the hours devoted to lectures delivered must, during the semester, independently perform, with the support of the teacher of the course, graphic processing of dwg files of regional technical map in scale 1: 5,000 / 10,000 / 25,000 aiming at the establishment of a Program Area. In particular, will be invited to draw from: a panel made up of Cognitive System Landscape-Environment, the Urban System, Relational System, System of Territorial Resources and a panel made up of references Summary of project, programming and planning and overarching development strategies hypothesized.

Testing and exams

During the semester, half of the course, students will be engaged in a verification phase of the intermediate level of learning.

The final exam will consist in the discussion of the processing required for the development and exercise of theoretical insights in the study of recommended books.

Suggested reading materials

Selected bibliography:

- Colombo, Pagano, Rossetti. Manual planning. Planning instruments, technical, legislative framework, procedures and jurisprudence. Il Sole 24 Ore, Issue 15, 2013.
- Alberto F. Ceccarelli. Practical guide to the design-Handbook urban administration. Turtleback. 2013.
- R. De Lotto, M. L. Di Tolle. Elements of urban design. 2014.
- Aldo vials, ampoules Elizabeth. Urban Law. Edition Simone. 2015.
- L. Gaeta, Janin Rivolin U., Mazza L .. Territory Government and Spatial Planning. City Studies Editions, Novara. 2013.

web reference:

- Official Gazette of the Italian Republic: <http://www.gazzettaufficiale.it/>
- Official Journal of the European Union: <http://eur-lex.europa.eu/JOIndex.do?ihmlang=it>
- Normattiva: legal portal of the Italian government: <http://www.normattiva.it/>
- Bosetti & Gatti: database building and planning regulations: <http://www.bosettiegatti.eu/>
- European Union: <http://www.europa.eu> - <https://bookshop.europa.eu/it/home/>

Other Teaching Materials:

- The ERDF is effective in funding projects that promote directly biodiversity as part of the EU strategy for biodiversity to 2020?
- Special Report No. 12/2014. European Court of Auditors.
- The circular economy. Connect, create and save the value. 2014. European Commission.
- A citizen's guide to the EU institutions. 2014, European Commission, Directorate-General for Communication.
- General Report on the European Union 2014. 2015, the European Commission, Directorate-General for Communication.
- Unity in diversity. 2014, European Commission, Directorate-General for Economic and Financial Affairs.
- Europe in 12 lessons (2014). 2014, European Commission, Directorate-General for Communication.
- Multiannual financial framework 2014-2020 and EU budget 2014. The figures 2013, 2014, European Commission, Directorate-General for Budget.