

MEDITERRANEAN UNIVERSITY OF REGGIO CALABRIA

Subject Code	1000325
Subject Name	Landscape Ecology (Laboratory Urban Design)
Professor	Prof. Natalina Carrà
Department:	Patrimonio, Architettura e Urbanistica (PAU)
Degree course:	Scienze dell'Architettura
Class:	L 17
Type of educational activity:	B - Caratterizzante
Disciplinary Area:	Tecnica e pianificazione urbanistica
Scientific-Disciplinary Sector:	ICAR/20
Compulsory preliminary exams:	-
Course Year:	Third
Semester:	First, Second
ECTS:	6
Hours:	60

Synthetic description:

The course " Landscape Ecology " offers to the students of the third year of the "Corso di Laurea Scienze dell'Architettura L-17" some useful tools for knowledging and designing areas included in the urban and territorial structures: urban green, natural spaces, agrarian areas, naturalistically relevant areas; always with a multidisciplinary approach.

Acquisition of knowledge on:

The course intends to identify the main points of view, the conceptual and technical tools town planning has built and uses and verifies its efficiency in relation to the exigencies of contemporary city and territory. The course is divided into lectures, seminars, communications and laboratory. The student's work will cover various topics related to one of the topics covered by the course. In the development of the training contents, the students will be involved in a series of experiments during which readings of "good practices" of urban development and planning procedures of the territory that will affect particular sensitive landscape will be implemented.

The course explores the study of contexts in which the presence of complex relationships between naturalistic structures and sensitive areas becomes central to the knowledge and planning of urban settlements.

Student's independent work

In an independent way the student will be engaged in the research of the urban development best practices and in the acquisition of a critical thought the bibliography on themes and projects, the chosen extracts and the websites.

Through theoretical and methodological analyses, urban readings will be developed and illustrated with design references relative to experiences of national and international, modern and contemporary town planning culture.

Evaluation method:

The course includes the verification of the contents tackled during classes and investigated in the texts indicated in the bibliography. This learning verification, realized at the end of every module, consists in a multiple-choice questionnaire, other than the verification of the result of the planning path.

To be admitted to the exam, students must obtain a certificate certifying an attendance of at least 70% of calendar classes and will have to respect the included periodical deliveries with a good result.

The exam will be based on the course contents, the subjects of didactic analysis and the experience of the design process.

Resources and main references

Specific bibliographical indications will be provided during lessons. Chosen extracts and documents will be also available on the portal of the professors' page about the Course.

1. Choay F. (1995), *L'allegoria del patrimonio*, Officina Edizioni, Roma
2. De Carlo G. (1992), *Gli spiriti dell'architettura*, Editori Riuniti, Roma
3. Lynch K. (2006), *L'immagine della città*, Marsilio, 2006 (I edizione 1960)
4. Magnaghi A. (2010), *Il progetto locale. Verso la coscienza di luogo*, Bollati Boringhieri
5. McHarg I. L. (1969), *Design with nature*, ed. italiana: *Progettare con la Natura*, Franco Muzio Editore, Padova 1989 e 2007