

Code: 1742 Project of Landscape Architecture I**Degree:** 1st cycle - Landscape Architecture**Curricular Year:** 2nd**Semester Course:** 1st**Credits:** 8.5 ECTS**Compulsory****Language:** Portuguese/English**Prerequisites:** Introduction to Landscape Architecture**Responsible:** Maria Teresa Amaro Alfaiate**Other lecturer(s):** -**Web Site:** <http://www.isa.utl.pt/home/node/3925>**1. Contact hours:****Lectures 28 Practicals/Laboratory (applied to Project) 84 Others 7 Total 119****2. Objectives:**

Introduction to Landscape Architecture project design using as work support an consolidated urban area with high readability, allowing to exercise projectual strategies between the local scale (Set of homogenous urban tissue) and the scale of the city (urban fabric consisting of several urban tissues).

The study case selected has as main objective:

- . The development of critical thinking in a based and integrated knowledge of the landscape.
- . The development of observational skills, perception and interpretation of space, focusing on the notions of structure, physiography and morphology, scale and proportion.
- . Introduction to the concept of site.
- . The ability to distinguish the various stages of development of Landscape Architecture project design and how these are articulated in the professional performance.
- . The differentiation and development stages of conceptualisation.
- . The formalisation as a statement of an idea and the composition process
- . The manipulation of different scales of work on the approach and development of Landscape Architecture project
- . The introduction to the technique of landscape grading design as a means of communication / manipulation of projectual spatial objective – geomorphosis
- . Knowledge of traditional core materials and their application to some basic techniques of construction of Open Spaces – Pavements, Stairs, Ramps, etc.

3. Programme:**1 Basic concepts in the approach of Landscape Architecture Project design**

- 1.1 The perceptive and intuitive approach . The specificity of the site and the determining importance of individual perceptions as nurture of the creative process.
- 1.2 The formal and spatial analysis of the Landscape - Structure and Morphology: Elements of mass and Elements of space (voids) . Concepts of fabric and tissue
- 1.3 The concept of Resolution level - the Scale relations.
- 1.4 The shape and interactions as formal support of the statement of an idea / concept - Readability and imaginability of space / landscape.
- 1.5 The basic relationships established between elements of composition and its organisation as mean of communicating of a conceptual goal - the notion of symmetry, balance, focal point, focus, punctuation, modulation, rhythm, increscent / decrescent , truncation, profundity, contrast .

2 Organization of Landscape Architecture Project Design

- 2.1 The perception of space, analysis and data collection; the concept formulation
- 2.2 The formalization as mean of communication of a conceptual target
- 2.3 The sequential organisation and phasing of Landscape Architecture Project design

3 Materials and Construction Techniques

- 3.1 Landscape grading design and altimetry implantation
- 3.2 Main traditional construction materials
- 3.3 Pavements - materials, constructive forms
- 3.4 Stairs and ramps - Materials, constructive forms

4. Bibliography:**Main Bibliography**

ALFAIATE, T, 2000, Expressão dos valores do Sítio da Paisagem, Dissertação de Doutoramento ISA, UTL, Lisboa
 GUALLART, V. 2008, Geo Logics, Geografia, información, Arquitectura , Actar, Barcelona / New York
 KRIER, L. 1984. Houses, Palaces and Cities, Ed. Demetri Porphyrios, USA.
 RIER, L, 1999 Arquitectura Escolha ou Fatalidade , Ed. Estar, Lisboa
 _____, 2003, Landscape Urbanism , a Manual for the Machinic Landscape, Ed Mohsen Mostafavi and Ciro Naijle, AA publications, London
 LINCH, K, [1960], 1988, Imagem da cidade , Ed 70, Lisboa.
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 NORBERG –SCHULZ, C. 1975, Existencia, Espacio, y Arquitectura , Editorial blume, Barcelona
 NORBERG –SCHULZ, C., 1986. Il mondo dell'architettura ,Electa, Milano.
 ROWE, C. KOETTER F. 1995, Collage city, MIT press, Cambridge, Massachusetts, London.
 TÁVORA, F. [1962], 1999. Da organização do espaço, Faup, Porto.
 TRANSIK, R. 1986. Finding lost space, Van Nostrand Reinhold, New York.
 VENTURI, R. , SCOTT BROWN D, ISEZNOUR S, 1997, (1977), (1972) , Learning from las Vegas , MIT Press, Cambridge, Massachusetts, London.

Other Bibliography

CASTEX, J. COHEN J.L., DEPAULE, J. C. 1995, Histoire urbaine , antrophologie de l'espace, CNRS editions, Paris
 CORNER, J., the American Landscape in "Architectural Design", nº11-12, 1996
 CULLEN, G. Paisagem urbana , Ed. 70, Lisboa

FOLQUE, F., et al, (2000). Atlas da CartaTopográfica de Lisboa, CML, Lisboa.

SILVA PINTO, V. J, Atlas de Lisboa; A cidade no espaço e no tempo, Levantamento de 1904-1911, Ed . M^a Calado, CML, Lisboa

_____, 1987 ,Guia Urbanístico e arquitectónico, Associação dos Arquitectos Portugueses, Lisboa

PANARAI,P., DEPAULE, J., DEMORGON M., 1999. Analyse Urbaine, Ed. Parenthèses, Marseille

Livros que abordam questões da Percepção e Fenomenologia do espaço

Livros que abordam questões da Representação do Espaço

Livros que abordam questões relacionadas com a metodologia e teoria da construção do espaço em Arquitectura Paisagista

5. Assessment:

The course works in studio allowing close monitoring of students in the project development. Students are evaluated continuously. During the semester, are conducted several work presentations, according to the various development stages of the project and a presentation program, set at the start of the semester. The semester ends with the final presentation of the work and its oral defence on the part of students, evaluating the work done during the semester. Although the final presentation is essential to get approval for this discipline is not enough material for evaluation, i.e. the partial presentations are required and help to inform in a determinant way the final rating for the student.

6. Estimated Workload:

238

 Hours

7. Last Update:

24/1/2011
