

Code: 1622 Project and Critics of Public Space**Degree:** 2nd cycle – Landscape Architecture**Curricular Year:** 2nd**Semester Course:** 1st**Credits:** 7 ECTS**Compulsory****Language:** Portuguese/English**Responsible:** Maria Cristina da Fonseca Ataíde Castel-Branco**Other lecturer(s):** Ana Luísa Brito dos Santos de Sousa Soares Ló de Almeida**Web Site:** <http://www.isa.utl.pt/home/node/3760>**1. Contact hours:****Lectures 36 Practicals/Laboratory (applied to Project) 62 Total 98****2. Objectives:**

This discipline encloses the area of planning and design in urban areas, focusing on areas where there are foreseen alterations and new trends of growth in public and of public use.

Objectives:

- 1 - To give to the last year students of 2^o cycle of Bologna in Landscape Architecture a perception of the wideness of the profession, its methods, its theoretical bases.
- 2 - To prepare for one professional practice by the synthesis of the procedures that base a plan and one design project in Landscape Architecture.
- 3 - To apply the presented methods, and, working in a group, to solve a case-study developing a plan or a design project of landscape architecture.
- 4 - To train the capacity to present to the public its ideas of the design using the graphical computer techniques and of communication.

3. Programme:**Introduction****History of Ideas influents in Planning**

Public space of Expo' 98 Planning and change 1994-1998-2008

Visit of study to the place of the case-study

Methodology of Carl Steinitz: " The Framework will be Landscape Planning; Representation, process Evaluation, Change, Impact, Decision. "**Representation Models;**

Cartography and needed data

Previous study of Case-Study - guidelines and first sketches

Process Models

Complexity, classification, ecology of the previous landscape to the drawing of the landscape project or plan

Evaluation Models

Revision of Preliminary Study

Preliminary study

Change Models: Imposing systems;

Strategies aiming the alternatives

Previous design project of the Case study revision

Change Models Load capacity, Scale and Time, uncertainty adaptation**Impact Models**

Evaluation of Changes and risks. Recovery of the landscape

Execution project or Landscape Plan

Decision Models

Cases of study in Planning of the Landscape

4. Bibliography:**Main Bibliography**

Forman, Richard T.T. and Godron, M. Landscape Ecology. John Wiley and Sons Ltd. New York, 1986.

Olgyay, Victor, Design with Climate

Steinitz, C. et. al, Alternative Futures for Changing Landscapes: The Upper San Pedro River Basin in Arizona and Sonora, Island Press, 2002,

Fausold, C.J. and Lilieholm, R.J. "The Economic Value of Open Space: A Review and Synthesis Cambridge, MA, Lincoln Institute of Land Policy, 1996.

Steinitz, Carl, "Toward a Sustainable Landscape with High Visual Preference and High Ecological Integrity: the Loop Road in Acadia National Park, USA, Landscape and Urban Planning, 19, 1990,

Other Bibliography

Zonneveld, I., "The Land Unit-A Fundamental Concept in Landscape Ecology, and its Applications," Landscape Ecology, Vol. 3, No. 2, 1989,

Dramstad, Wenche E., et al., Landscape Ecology Principles in Landscape Architecture and Land-Use Planning, Island Press, Washington, D.C., 1996

Schneider, Devon M., David R. Godschalk, and N. Axler, "Carrying Capacity Concept as a Planning Tool," Report #338, American Planning Association, 1978

Steinitz, C., "On The Need to Study 'Failures' As Well As 'Successes'; And Some Other Notes On The Roles of Precedent," unpublished, 1976.

Ndubisi, Forster, "Managing Change in the Landscape: A Synthesis of Approaches for Ecological Planning," Landscape Journal, Vol. 21, No. 1, 2002

5. Assessment:

The pupils will be evaluated in all the lessons practise and its presence is obligator in such a way in the theoretical lessons as you practise, not being able to exceed 25% of lacks. The evaluation becomes through:

1 - A verbal presentation of 20 minutes for each group the half one of the semester, and quarrel of the forms of resolution of the problems.

2 - A written work final

3 - A final examination verbal, if possible the participation of the involved institutions in marries-study it. Each one of these evaluations valley 30% of the note and the presence in lessons 10%.

6. Estimated Workload:

196	Hours
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7. Last Update:

14/7/2010
