

**Code: 1609 Vegetation Applied to Landscape Design Project****Degree:** 1<sup>st</sup> cycle - Landscape Architecture**Curricular Year:** 3<sup>rd</sup>**Credits:** 7.5 ECTS**Semester Course:** 2<sup>nd</sup>  
**Compulsory****Language:** Portuguese/English**Responsible:** Ana Luísa Brito dos Santos de Sousa Soares Ló de Almeida**Other lecturer(s):** Nuno Joaquim Costa Cara de Anjo Lecoq**Web Site:** <http://www.isa.utl.pt/home/node/3941>**1. Contact hours:****Lectures 28 Practicals/Laboratory (applied to Project) 56 Others 21 Total 105****2. Objectives:**

The aim of this course is to identify and study ornamental plants (principal morphological aspects, special needs of soil and climate and maintenance tasks). Development of landscape architecture projects: planting plans and written technical specifications and quantities.

**3. Programme:**

Identify plant species, native and exotic plants, through powerpoint in the classroom and especially with local visits to parks and gardens in Lisbon. Study the species about their life span, geographic location, size, morphological characteristics and, in addition to the general classifications, plants are differentiated for landscapes purposes by size, growth habit, usage, and adaptability to specific environmental conditions. Study the functional and aesthetic uses of plants.

Train of Plant identification in order to recommend which existing ones should be saved on a project. Train the Site planning and landscape design advising that this process should include the relationship of the project locale, site and client needs thought process referred to as "design process" and always attending to the aspects esthetical, ecological and financial of the project.

Development of landscape architecture projects: vegetation plans and seeding; relationship with design and maintenance of vegetation areas in its aesthetic, technical and economic dimensions

Apply and critical to urban design projects examples.

Practice, in Botanical Garden of Ajuda, plant propagation and principal maintenance tasks of garden.

**4. Bibliography:****Main Bibliography**

CALDEIRA CABRAL, F.; RIBEIRO TELLES, G. 1999. A Árvore. Assírio & Alvim, Lisboa.

GONZALEZ, G.L., 1991. La Guía de Incafo de los Arboles y Arbustos de la Peninsula Iberica. Incafo S.A., Madrid.

HUMPHRIES, C.J.; PRESS, J.R.; SUTTON, D.A. 1996. GUIA FAPAS – Árvores de Portugal e Europa, Fapas, Porto.

THE ROYAL HORTICULTURAL SOCIETY, 1996. A-Z Encyclopedia of Garden Plants. Dorling Kindersley Limited, London.

VIÑAS, F.N., 1995. El arbol en Jardineria y Paisagismo. Guia de aplicación para España y países de clima mediterráneo y templado. Ediciones Omega, S.A., Barcelona.

**Other Bibliography**

Notes and Bibliography supplied throughout the lessons.

**5. Assessment:**

Written test + landscape architecture projects (concept and vegetation)

**6. Estimated Workload:**

210	Hours
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**7. Last Update:**

7/7/2010
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