

**LANDSCAPE PLANNING – MUNICIPAL LEVEL (OTNM)  
(Code UC: 1616)**

Degree: 2nd cycle – Landscape Architecture  
Curricular Year: 1º Semester: 2º ECTS: 7  
Compulsory

**Academic year 2016/2017**

**Scientific coordinator: Prof. Pedro Arsénio**

**Professors:** Prof. Selma Pena (selmapena@isa.ulisboa.pt)  
Prof. Pedro Arsénio (arseniop@isa.ulisboa.pt)  
Prof. João Nunes (joao.nunes@proap.pt)

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**1. Contact hours:**

Lectures: 36  
Practicals/Laboratory (applied to project): 42  
Field work: 20  
Total: 98 (196)

**2. Goals:**

The content of this subject is the sequence of Landscape Planning – natural sub-system (1st cycle – 6th semester). Together these two subjects have the goal of preparing students for design intervention on the landscape, between the scales 1/25000 and 1/2000, in the perspective of environmental planning. In terms of the existing Portuguese planning system, the intervention corresponds to the Landscape Planning Municipal Plans (PDM, PU, PP).

**3. Programa:**

On theoretical classes the cultural, formal and political-administrative components of landscape planning are approached, namely the urban and rural landscape conception theory in the several periods, with the emphasis in the post-modern and contemporary times. After an introduction with the conductive thread of the hermeneutic of the landscape's conception, made by the lecturer, each student studies an author, presents it and then there is a critical debate about the various authors.

On practical classes is continued the study of the municipality stated in "Landscape Planning – natural sub-system" (1st cycle) (Sesimbra municipality), with the development of the intervention concept at the scale 1/10.000 and the elaboration of the intervention proposals, in partial areas of the municipality, developed individually at the scale 1/2.000. To the municipality in question, particularly to the areas of great urban mutation..

**3. Bibliography**

**Main:**

Magalhães, M. R., 2001, *A Arquitectura Paisagista - morfologia e complexidade*. Editorial Estampa, Lisboa.  
Magalhães, M. R., Abreu, M.M., Lousã, M., Cortez, N., 2007, *Estrutura Ecológica da Paisagem. Conceitos e Delimitação – Escalas Regional e Municipal*, ISAPress, Lisboa.

**Complementary:**

Ragon, M., 1986, *Histoire de l'architecture et de l'urbanisme modernes*. Vol.1-3. Éditions du Seuil, Paris.

Choay, F., 1965, *L'urbanisme, utopies et réalités*, Éditions du Seuil, Paris.

Pregill, P.; Volkman, N., 1993, *Landscapes in history. Design and planning in the Western tradition*. Van Nostrand Reinhold, New York.

Lamas, J., 1992, *Morfologia Urbana e Desenho da Cidade*, Textos Universitários de CSH, Fundação Calouste Gulbenkian/ Junta Nacional de Investigação Científica e Tecnológica, Lisboa.

**4. Assessment**

Frequency: The frequency is obtained by the cumulative fulfillment of the following conditions:

- A) Assistance to a minimum of 70% of practical classes;
  - B) Assistance to a minimum of 70% of theoretical classes;
  - C) Review and presentation of a book.
- (The book is chosen by the student and accepted by Prof. Selma Pena)

Evaluation:

- A) Theoretical: Final exam - 50%
- B) Practice: Presentations and reports (detail on page 5) - 50%

Minimum mark on all components – 10

**5. Estimated working hours: 196 Hours**

**6. Schedule:**

Lectures - Thursday from 11am to 1pm

Practical classes - Monday from 2:30 p.m. to 6:30 p.m.

**7. Student service hours: Friday from 10h-12h**

## OTNM theoretical lecture program

1ª Aula	16 February	Selma Pena	Landscape Design: Premodernisme
2ª Aula	23 February	Selma Pena	Landscape Design: Modernisme
3ª Aula	2 March	Selma Pena	Landscape Design: Postmodernisme
<b>4ª Aula Prática</b>	<b>9 March (9h – 13h)</b>	<b>Selma Pena</b>	<b><i>Field Trip – Sesimbra municipality</i></b>
5ª Aula	16 March	Manuela R. Magalhães (to confirm)	Landscape Design: The Planning of Rural Space (from premodernism to postmodernism)
6ª Aula	23 March	Selma Pena	Landscape Design: Rural Space Planning in the Prevention of Rural Fires
7ª Aula	30 March	Selma Pena	Landscape Design: Urban planning, urban ecological network, integration of the water cycle and soil protection. Examples of urban design solutions
8ª Aula	6 April	Pedro Arsénio	Landscape Design: The legal instruments of Spatial Planning
13 April		Easter holidays	
9ª Aula	20 April	Duarte Mata	Landscape Design: Adaptation strategies to climate change (soft mobility, green infrastructure, urban gardens)
10ª Aula	27 April	Andreia Saavedra	Landscape Design: Agro-Food Planning
<b>11ª /12ª Aula</b>	<b>4 May (9h – 13h) Room S7</b>	<b>João Nunes</b>	<b>Landscape Design: Case Studies</b>
	11 May	-	-----
	18 May	-	-----
<b>13ª /14ª Aula</b>	<b>25 May (9h – 13h) Sala S7</b>	<b>João Nunes</b>	<b>Landscape Design: Case Studies</b>

	Days that have undergone programming changes
	Days without classes, due to changes

## Programa das aulas práticas de OTNM

1ª Aula	13 February	Selma Pena	Presentation of the Program. Review of Concepts related to the natural subsystem in Spatial Planning. Brief presentation of the case study. Images + Concepts
2ª Aula	20 February	Selma Pena	Presentation of concepts (round table) Presentation of the Landscape- System Methodology. PDM content Start of the Work - scale 1: 25000/1: 50000
3ª Aula	6 March	Selma Pena	<b>1st Presentation.</b> Critical analysis of the PDM of the Case Study (RAN / REN and OT) vs. EEF ----- Introduction to the Concept of Intervention
<b>4ª Aula Teórica (14h30-16h30) S4</b>	13 March	Selma Pena	Landscape Design: The present and the future? Ecological-based planning. <i>After 4.30 pm: Optional: doubts of practice</i>
5ª Aula	20 March	Selma Pena	Concept of Intervention, Strategy and Program Scale 1: 25,000 / 1: 50,000.
6ª Aula	27 March	Selma Pena	<b>2º Presentation.</b> Concept of Intervention, Strategy and Program First Impressions Scale 1: 25,000 / 1: 50,000.
	3 de April	João Nunes	----- (Class goes to April 10)
7ª Aula	7 April (Friday) 10-14h Room S5	Selma Pena	<b>Fundamental Ecological Network: urban, rural.</b> <b>Typologies of outer space in rural space.</b> <b>Content of Urbanization Plans.</b> <b>group work from start to scale 1 / 10,000</b> <b>(Definition of Operating Units)</b>
8ª Aula	10 April	João Nunes	<i>Field trip</i> (Presentation of a project)
17 Abril		Easter Holidays	
9ª Aula	24 April	Selma Pena	Continuation of group work at 1 / 10,000 scale
1 Maio		Holiday	
10ª Aula	8 May	Selma Pena	<b>3º Presentation</b> Operating Units Intervention Proposal / Image Plan Scale: 1 / 10,000.
11ª Aula	15 May	Selma Pena	Case studies - examples of urban design solutions. Contents of Detail Plans (revision). Beginning of individual work at 1: 5000/1: 2000 scale.
12ª Aula	22 May	Selma Pena	Individual work scale 1: 5000/1: 2000
13ª Aula	29 May	Selma Pena	<b>4º Presentation</b> Proposal of Intervention / schematic cuts / drawings / concept Book presentation To esc 1: 5000/1: 2000

### Avaliação da Componente Prática da Disciplina (detalhada)

Evaluation	Elements to be delivered	Date	Assessment Weighting
Round table (Group)	2 pages - state of the art concept	20/02/2017	10 %
1st Presentation: Criticism to PDM (letter of REN and RAN vs. EE) and Criticism to the planning plan (Group)	Poster*	06/03/2017	20 %
2nd Presentation: Concept of Intervention, Strategy and Program at scale 1: 25,000 / 1: 50,000. (Group)	Poster*	27/03/2017	20 %
3rd Presentation: Operating Units; Proposed intervention for a UP; Image Plan à esc. 1 / 10,000. (Group)	Poster*	08/05/2017	25 %
4 <sup>a</sup> Presentation: Proposal of intervention to scale 1: 2000/1: 5000 and presentation of book (individual)	Poster* e Report**	29/05/2017	25 %

\* The presentations must be presented according to the template delivered, in horizontal or vertical A1 format. You may have more than one A1.

\*\* The report must frame the individual proposal from the beginning of the group work. It will have to contain the review of the book read.