

# Institute of Geography and Spatial Planning (Portugal)

## Institutional Information (Last update at: 05/02/2015)

<b>School/Department name (Native language)</b>	Instituto de Geografia e Ordenamento do Território (IGOT-UL)
<b>AESOP reg Number</b>	F-351-07
<b>AESOP Member Status</b>	Full Member
<b>University</b>	University of Lisbon
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## Contact persons

### Head of School / Department

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### AESOP Additional Contact persons

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## School Information

Full time academic staff members	34
Part time staff members	10
Staff members engaged in research	39
Staff members engaged in professional activities	7

## Degree Programmes and Educational Provision

### Undergraduate/first cycle degree(s) offered at School/Department

#### Licenciado, Spatial Planning and Management

Number of years normally used to complete this degree(FT)	3
Part time option	Yes
Number years usually required for completing the degree part-time (PT)	6
Delivery mode	On campus
Number of ECTS	180
Teaching languages	portuguese
Specialisation within in this Degree/the curriculum	No
The degree requires an assessed period of work in practice	Yes It depends. The coursework includes a Project composition that focuses on a genuine planning and land management problem and ends with a final essay. The study of the problem may include a short training in an institution outside the University.
Programme accreditation by a professional body/other institution	National agency for university degrees accreditation. I don't know if professional bodies are represented in the accreditation boards.
Curriculum/approach description	<p>This degree aims to consolidate and diversify training, at first cycle level, by increasing the offer in areas that prioritize interdisciplinarity and an approach to professional practice. Therefore, the establishment of a degree that combines basic training in Geography with other fields relevant to the spatial study and intervention is envisaged.</p> <p>Additionally, the project aims to strengthen the links with the labour market as well as support the integration of students into the professional life by means of discussion of case studies, field visits, and conferences that professionals offer at IGOT.</p> <p>The organization of the studies programme and content of the curriculum units seek to meet the objectives of the cycle in relation to the fundamental substantive and procedural knowledge of the selected themes, as well as the instrumental, interpersonal and systemic skills vital for training geographers specialised in spatial planning and management.</p> <p>The organization of the cycle of studies in six semesters, totalling an overall workload of 180 credit units (ECTS) is common in graduate courses in Portuguese universities. This option is aware of the need to ensure similar training, in extent and duration, to students following similar undergraduate courses in Portugal and reference universities of the European space for higher education, as can be seen, for example, in the AESOP (Association of European Schools of Planning) documents.</p> <p>The structure: Spatial Planning and Development (78 ECTS), Physical Geography (30 ECTS), Human Geography (24 ECTS), Methods and Techniques in Geography and planning (30 ECTS), and optionals (18 ECTS).</p>

**Licenciado, Spatial Planning and Management** The programme has just started in the academic year 2010-2011 and has accepted 40 students in this first year and also in 2011-2012.  
There are not students with the degree named "licenciado".

## (Post)Graduate/masters or second cycle degree(s) offered at School/department

### Master on Urbanism and Territory Management

<b>Number of years normally used to complete this degree(FT)</b>	2
<b>Part time option</b>	Yes
<b>Number years usually required for completing the degree part-time (PT)</b>	4
<b>Delivery mode</b>	On campus
<b>Number of ECTS</b>	120
<b>Teaching languages</b>	Portuguese and English
<b>Specialisation within in this Degree/the curriculum</b>	"Urbanism and Spatial Planning" and "Local and Regional Development"
<b>The degree requires an assessed period of work in practice</b>	Yes Obligatory in the professional path 1 semester
<b>Programme accreditation by a professional body/other institution</b>	National agency for university degrees accreditation. I don't know if professional bodies are represented in the accreditation boards.
<b>This is an Erasmus mundus programme</b>	No

<b>Curriculum/approach description</b>	<p>This programme aims to give advance education in planning and territory's management, urbanism, local and regional development going deeply on the study of the process of urbanisation and its dynamics, methodologies of strategic planning, new models of governance and territorial management, policy and development tools for multilevel planning and intervention.</p> <p>The programme has two alternative paths; one research oriented aiming the writing of a scientific dissertation, and other professional which includes a period of training and the training report. Either the dissertation or the training report are supervised and discussed by an examination board. They receive 48 ECTS.</p> <p>The programme has 96 obligatory ECTS and 24 optional. The first ones comprise courses on the fields of Human Geography, Planning and Spatial Management, Urbanism, Local and Regional Development, the training period, the Dissertation/or Professional Report.</p> <p>Examples of obligatory courses: Bases of Planning; Tools for Spatial Planning; Trends in the transformation of Cities and Regions; Research Methodology; European Territorial Policies; Supervision Seminar; Research Training or Professional Training.</p> <p>Examples of optional courses: Economy and urban Policy; Evaluation of Policies and Developemnt Programmes; Resources, Population and Conflicts; Public space and Quality of Life; Local and Regional Development; Culture and Socio-Cultural Innovation; Migration and Identity; Tools for Biophysical management.</p>
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## Master on Physical Geography and Environmental Management

**Number of years normally used to complete this degree(FT)**

2

**Part time option**

Yes

**Number years usually required for completing the degree part-time (PT)**

4

**Delivery mode**

On campus

**Number of ECTS**

120

**Teaching languages**

Portuguese

**Specialisation within in this Degree/the curriculum**

No

**The degree requires an assessed period of work in practice**

Yes Obligatory in the professional path, 1 semester

**Programme accreditation by a professional body/other institution**

National agency for university degrees accreditation. I don't know if professional bodies are represented in the accreditation boards

**This is an Erasmus mundus programme**

No

**Curriculum/approach description**

This programme aims to give advance education in the fields of Applied Physical Geography and Environmental Management through the advance studies on concepts, methods and techniques of Physical Geography, remote sensing and GIS, methodologies of assessment and management of natural resources, risks, and spatial planning methods and techniques at different scales, strategies of territorial valorisation under a development frame. The teaching is oriented by the principles of resources valorisation and risk minimisation.

The programme has two alternative paths one research oriented aiming the writing of a scientific dissertation, and other professional which includes a period of professional training and a training report. Either the dissertation or the training report are supervised and discussed by an examination board.

Besides the dissertation (48 ECTS) and the training period (12 ECTS), the programme has 6 obligatory courses (36 ECTS), and 4 optional (24 ECTS)

Examples of obligatory courses:

Applied Geomorphology in Spatial Planning and Management; Applied Climatology in Spatial Planning and Management; Remote sensing, GIS and Planning; Hazards, Vulnerability and Risks;

Examples of optional courses:

Geostatistics for Environmental Applications; Hidroclimatic risks; Spatial analysis and risk Assessment; Tridimensional modelling and Urban Ecology; Fluvial dynamics and planning;

Evaluation and management of Natural resources; Techniques for Environmental Management

## Master on Geographical Information Systems and Modelling Applied to Spatial Planning

**Number of years normally used to complete this degree(FT)**

2

**Part time option** Yes  
**Master on Geographical Information Systems and Modelling Applied to Spatial Planning**

**Number years usually required for completing the degree part-time (PT)**

4

**Delivery mode**

On campus

**Number of ECTS**

120

**Teaching languages**

Portuguese

**Specialisation within in this Degree/the curriculum**

No

**The degree requires an assessed period of work in practice**

Yes Obligatory in the professional path, 1 semester

**Programme accreditation by a professional body/other institution**

National agency for university degrees accreditation. I don't know if professional bodies are represented in the accreditation boards

**This is an Erasmus mundus programme**

No

**Curriculum/approach description**

This programme aims to give advance education in the fields of GIS, spatial analysis and modelling applied to spatial planning.  
The structure of the programme has a predominantly multidisciplinary approach although rising from an applied approach of Geography. It includes key realms of Applied Geography in Spatial Planning, Environmental issues, Urban and Regional Studies, besides Human and Physical Geography, by means of intensive use of computation and GIS techniques.  
The programme has two alternative paths one research oriented aiming the writing of a scientific dissertation, and other professional which includes a period of professional training and a training report. Either the dissertation or the training report are supervised and discussed by an examination board.  
Examples of obligatory courses:  
Geographic information Science; Creation of GIS supported DataBases; GIS Project in Spatial Planning; Geographic models and Complex urban systems; Spatial analysis and risk assessment; Tridimensional modelling and Urban Ecology; Geostatistics for Environmental Applications;  
Examples of opcional courses  
Remote sensing, GIS, and planning; Planing tools; WebSig; Geomarketing; Analysis of Transport networks

**Doctoral/PhD education offered at School/department**

**Doutoramento (PhDegree) in Regional and Urban Planning This is a specialisation of the PhD in Geography**

**Number of years normally used to complete this degree(FT)**

3

**Part time option**

Yes

**Number years usually required for completing the degree part-time (PT)**

5

**Delivery mode**

On campus

## Number of ECTS 180 Doutoramento (PhD) in Regional and Urban Planning This is a specialisation of the PhD in Geography

**Teaching languages** Portuguese and English

**Specialisation within in this Degree/the curriculum** No. This degree is a specialisation of the PhD in Geography

### Curriculum/approach description

This programme aims to prepare high level specialists and researchers in the fields in which IGOT teacher's staff and CEG research projects have competences. It allows students to deepen the knowledge in their specialisation subject, to develop research capacities and dominate different methods and research techniques. The programme includes 1 year advance course with 60 ECTS plus a thesis with supervision.

The PhD's first year program in Geography (the advance course) includes the preparation of a portfolio and a research project and may require the frequency of postgraduate courses and research seminars intended to provide students with various types of tools from general research methodologies to in-depth research into the chosen topic for the dissertation. Conferences by national and foreign specialists will be held within the scope of the seminars. The credits pertaining to optional seminars can be obtained by participation in Center for Geographical Studies (CEG) research projects; publication of articles; presentations at scientific conferences previously approved by IGOT's Scientific Committee.

By the end of the first year the student must submit (i) a portfolio which includes a report of his/her activities, and the credits obtained; and (ii) a research project. This last one includes the state of the art of the chosen topic, the dissertation provisional plan, updated bibliographic references and a timeline of the proposed research within appropriate time limits.

The two documents are subject to oral presentation and are discussed and evaluated by faculty members. The research project is evaluated at a public session by two members appointed by IGOT's Scientific Committee.

## Doutoramento (PhD) on Territory, Risk and Public Policies

**Number of years normally used to complete this degree(FT)** 3

**Part time option** Yes

**Number years usually required for completing the degree part-time (PT)** 5

**Delivery mode** On campus

**Number of ECTS** 240

**Teaching languages** Portuguese and English

**Specialisation within in this Degree/the curriculum** No

### Curriculum/approach description

This programme is a joint programme of the Universities of Coimbra (CES and The Institute of Interdisciplinary Research), University of Lisbon (IGOT) and the University of Aveiro.

It belongs to the newest Risk Sciences and aims to offer a strong preparation in different areas relevant to the risk subjects, bringing together modelling of processes, spatial management of risk, individual and community mobilization, with design and application of public policy.

Besides theoretical and conceptual frames, the programme intends to explore tools supporting risk management policy. Besides structural measures and emergency systems, they include measures aiming to reduce social vulnerability, norms and rules framed by both national strategies and law system, EU and International organisations' strategies and rules.

The programme has 2 paths: (i) the regular one comprising 1 year courses (60 ECTS) and the preparation of a thesis (180 ECTS); and (ii) research path for students that are part of a research project, have a PhD scholarship. These students only have to pass 30 ECTS courses.

Example of courses: Risk mitigation strategies; citizenship and risk governance; methods and

