

Department of Design and Planning in Complex Environments (Italy)

Institutional Information (Last update at: 11/03/2017)

School/Department name (Native language)	Dipartimento di Progettazione e Pianificazione in Ambienti Complessi (DPPAC)
AESOP reg Number	F-039-06
AESOP Member Status	Full Member
University	University Institute of Architecture in Venezia
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School Information

Full time academic staff members	45
Part time staff members	
Staff members engaged in research	30
Staff members engaged in professional activities	

Degree Programmes and Educational Provision

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

Planning and Urban Design

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

Teaching languages Italian (English used for specific International workshops)

Specialisation within in this Degree/the curriculum

The degree requires an assessed period of work in practice No

Programme accreditation by a professional body/other institution Yes, Italian National Board of Architects and Planners

Curriculum/approach description

This degree programme aims to train junior urban planners and designers that are able to contribute, through adequate knowledge and skills, to processes of analysis, assessment, design, planning and management of the city, territory and environment. The educational activities combine strong disciplinary tradition with innovation in relation to social demand and emerging issues: climate change, energy, place identity, city and territory resilience, social equality and inclusion, participation. In addition to specific contents developed within the relevant courses, the teaching process encourages a number of forms of interaction between students, professors and external experts and makes studios the breeding ground for integration of theoretical and methodological knowledge, applied knowledge and technical-practical skills. Internships introduce students to external work environments (professional studios, the technical offices of local or central government, companies, associations and organisations) where they learn to manage the operating conditions of their profession.

Director: prof. Giulio Ernesti (giulio.ernesti@iuav.it)

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

Master Degree in Planning and Polices for Cities, Environment and Environment

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)	3
Delivery mode	On campus
Number of ECTS	120
Teaching languages	Italian and English
Specialisation within in this Degree/the curriculum	Yes, three specific tracks: 1) urban and regional planning; 2) Planning and Environmental Policiies + master "PLANNING AND POLICIES FOR CITIES, ENVIRONMENT AND LANDSCAPE"; 3) ICT Technologies for Planning and Urban Design
The degree requires an assessed period of work in practice	No

Programme accreditation by a professional body/other institution	Yes, National Board of Architects and Planners
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This is an Erasmus mundus programme	No
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Curriculum/approach description	<p>The graduate degree programme creates a professional figure that is able to interpret the processes that are changing the city, territory and environment today, and is able to plan interventions from a perspective of sustainability and resilience, for shared quality goals. This programme is organised into three different tracks that are Urban and Regional Planning, Environmental Planning and Policy and finally, ICT Technologies for Planning.</p> <p>By choosing the second curriculum, students will gain, in addition to the Italian qualification of graduate degree, the qualification of European postgraduate degree in "Planning & policies for cities, environment and landscape" jointly issued by luav and the following universities: Università di Sassari-Alghero, Universitat Autònoma de Barcelona, Universitat de Girona, Universidade Técnica de Lisboa. The programme is organised into four semesters characterised by diverse teaching methods. The first three include courses and workshop activity, with an intensive, interactive approach.</p> <p>For those aiming for the European postgraduate degree, the third semester will be spent in Barcelona, Girona or Lisbon. The fourth semester consists of an internship and the thesis. Students can also experience intensive study sessions at summer and winter schools and study trips.</p>
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Erasmus Mundus Master Course on Maritime Spatial Planning

Number of years normally used to complete this degree(FT)	2
Part time option	No

Erasmus Mundus Master Course on Maritime Spatial Planning

Number of ECTS 120

Teaching languages English

Specialisation within in this Degree/the curriculum Maritime Spatial Planning

The degree requires an assessed period of work in practice Yes 6 months supported by Erasmus Mundus Scholarship

Programme accreditation by a professional body/other institution Yes, EACEA European Commission

This is an Erasmus mundus programme No

Curriculum/approach description

Erasmus Mundus Master Course on Maritime Spatial Planning (EMMCMSp) is a two-years advanced professional master program, in which three high-rated European universities participate: Università Iuav di Venezia as coordinator, University of Seville, University of Azores. Students will familiarize themselves with key issues involved in policies formulation and planning strategies for maritime space, to improve the management of resources from an environmental, economic, social and legal perspective within the framework of Maritime policies.

Maritime Spatial Planning (MSP) is an innovative instrument based on up-to-date knowledge and technologies to study the planet's surface, striving to improve the management of global resources. Today planners, who traditionally dealt with the transformation of cities, territories, environments and related issues must face new marine challenges, and therefore play a fundamental role. Though for years the planning system has 'turned its back to the sea' it is pivotal in organizing and developing coastal areas beyond the CZM approach. The sea is affected by economic, social and environmental changes and, in order to cope with the continuing social and economic evolution, it needs to be included in planning and land management strategies.

The aim of the EMMCMSp is to prepare students to become specialists – providing a multi-disciplinary background – to enable them to operate both in public institutions as well as independent professionals or researchers. As specialists they will have the know-how in planning, in designing and evaluating projects and policies, which consider terrestrial, coastal and marine dimensions. In addition, the course will provide the ability to manage decision processes towards an adaptive and integrated approach. The two-years master course provides a broad study perspective through a crossed-thematical analysis and discussion on several marine contexts (Mediterranean Sea, Baltic and North Sea, Black Sea, Atlantic Ocean). The added value consists in the comparative analysis and the methodological interaction among the institutions involved, together with knowledge transfer to the South of the World.

EMMCMSp is developed by the MSP Consortium coordinated by the Università Iuav di Venezia. The Consortium welcomes major professional entities from the coastal, marine and maritime sectors as associated partners who are involved in teaching, research and planning activities.

Doctoral/PhD education offered at School/department

Iuav - School of Doctorate - Spatial Planning and Public Policies

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

Part time option No

Number of ECTS 90

Teaching languages Italian/English

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

PhD research and training programme in Regional Planning and Public Policies – which first started in the Academic year 1990-91 – focuses on the transversality of urban policies in the context of contemporary complex and heterogeneous urban societies, thus bringing to the fore the need for the adoption of a cross-cutting approach to urban policies analysis, at the same time calling attention to the much-needed integration of and between different forms of knowledge (ordinary, professional, scientific, interactive ...) as well as the exploration of different planning fields. Internationally-oriented, it encourages research studies both in European and extra-European countries, with a growing interest in the transition countries.

The Programme aims to broaden the comprehension of and facilitate innovative elaboration on the policy approach (theories and methods) as part of urban and territorial policies and planning processes' studying.

At the analytical level, a policy approach is characterized by the attention to:

- the social and interactive construction of territorial plans and policies (a multiplicity of agents may be involved/mobilize themselves in policy inquiry and in problem setting dealing with the elaboration and implementation of policies);
- the problem of agents' enactment; what are the favourable conditions for joint action (motivations that agents have to act; expected and unforeseen outcomes of actions; agents' networks; interdependences among agents as well as the effects produced by their actions). Theoretical and methodological contributions are to be derived from various disciplinary domains (sociology, anthropology, political sciences, history, economics, architecture and urbanism...);
- the observation of existing planning activities and practices, and especially the multitude of agents included and intervening in them, thus calling into question who actually qualifies for assuming particular planning competences (disciplinary, institutional, social) in a pluralized public action;
- the mechanisms for producing "useful knowledge", with the aim of facilitating more encompassing learning processes;
- tempo, time, timing in a planning process creation and development.

Some main research questions (to be studied/investigated with the aid of appropriate methodologies and research tools – single case study, comparative case analysis; ethnographic observation – and within a solid theoretical framework are:

- a) planning institutions: their functioning and innovative potentials and actions, on different territorial scales;
- b) problems and conflicts related to the definition of "public interest"; the pluralisation of "the public";
- c) policy-making process: theories and practices of policy design and implementation; rationality models used in and kinds of knowledge needed for decision making and implementation (variety of information sources and analytical methods employed in the processes of government policy making and social problem solving);
- e) policy making practices; plural practices of space use and territory construction conducted by many actors; their interdependence, outcomes, regulation.

The programme is designed to provide a comprehensive training for carrying out research studies and acquisition of expertise in main systems of spatial planning and urban policy-related areas (such as sustainable local development policies; climate changes and mitigation strategies; urban regeneration programmes; urban and rural development; infrastructural policies; environmental and social conflicts; place-based and participatory approaches to urban policy design and implementation; social innovation; ethnicity, multiculturalism and policy responses to diversity; etc.), but it is also flexible. Students can benefit from studying such topics, phenomena which they find particularly thought-provoking and also, by designing the research path which best meets their interests, under the supervision of well-known scholars and researchers (in some cases external member of the academic board).

Proposed activities

1. the first year: seminar series, involving Italian and foreign scholars- visitors who are invited to discuss constitutive theoretical and methodological issues, and key concepts in urban studies; critical survey of planning and public policy literature which is to be undertaken by each PhD candidate; research activities aiming at improving methodological skills; the identification and design of individual research programme;
2. the second year: analysis of a policy case, recent or ongoing, developed by the PhD candidate usually during a research period abroad, in collaboration with foreign universities or other organizations, with relevant experts and scholars support; definition of thesis statements and

**Curriculum/approach
description**

Iuav - School of Doctorate - Spatial Planning and Public Policies

general structure of the dissertation:
3. the third year: composition, writing and discussion of the doctoral dissertation.

The PhD candidates' participation in international and national scientific conferences where their written papers are presented, as well as the publications or submissions of articles for publication in scientific journals (peer reviewed) are strongly encouraged during the first and second year and requested during the third year.

IUAU - School of Doctorate - Urbanism

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

Part time option No

Delivery mode On campus

Number of ECTS 90

Teaching languages Italian/English

Specialisation within in this Degree/the curriculum Urban Planning

The focus of the PhD programme, in general, is on the "urban planning project", a term which preferably refers to a broader field than that of "urban planning" and one which includes what is commonly known as "urban and territorial policy" and the "urban project". The urban planning project is an ensemble of activities through which a specific scientific-professional group strives to redefine the environmental conditions in which the process of social reproduction takes place.

The PhD programme aims at establishing the grounds for research and theoretical reflection important for analytical-planning practices and policies with regards to Urban Planning. For this reason, one of the programme's top priorities is to acquire the most advanced techniques available for analysis and elaboration of territorial information, and to consider their theoretical background and the fields in which they can be applied, in addition to their experimentation in a series of salient case studies.

research areas

The PhD programme investigates four main areas of interest, seen as long-term research areas, all relative to the construction of today's city and territories and to the current role of urban planning. Within each area, more specific themes are defined annually and according to a rational, clearly-defined, non contingent, research strategy:

- a. urban planning: history, themes, experience
- b. urban planning: building socially relevant knowledge
- c. urban planning and architecture of the city and territory
- d. urban planning and the physical construction of city and territory

Curriculum/approach description

With the results of ongoing research, each cycle of doctorate studies organizes a series of monographic courses, seminars, master classes, and workshops, which investigate in detail the specific areas of research outlined in the programmes. Whilst, with the help of the faculty body, PhD students choose their specific area of research and study.

Each year the doctorate programme organizes a workshop in which PhD students are invited to participate, inclusive of:

- > discussions among PhD students on topics proposed by either the faculty board or by PhD students themselves.
- > a seminar on project experimentation (at the end of the first two years of the programme).
- > final seminar for the presentation and discussion of dissertations.

Each year the PhD programme also organizes, together with the University KU Leuven, TU Delft, and UPC Barcelona, a PhD seminar open to doctorate students from European and non European universities interested in presenting papers. The goal of the seminar is to inform both PhD students and scholars of current research being conducted and for establishing reciprocal contacts.

PhD students are also invited to pursue a period of research study abroad, as well as participate in

IUAV - School of Doctorate - Urbanism lessons and seminars held by scholars outside the PhD programme and of interest to their field of research. They are furthermore invited to present the status of their research at various times throughout the programme.
