

ARCHITETTURA E AMBIENTE ARCHITECTURE AND ENVIRONMENT

Coordinator: Prof. Vincenzo Pascucci
Email: pascucci@uniss.it,
Phone: +39 07922 8685



Are discipline: Ingegneria civile e Architettura, Scienze della Terra, Scienze Biologiche, Scienze Agrarie, - Scienze Archeologiche

Departments interested: Architettura, Design e Urbanistica, Chimica e Farmacia, Scienza dell'Uomo e della Formazione, Scienze Chimiche e Geologiche (UNICA)

Costo: rata unica annuale di 354,23 euro (per ogni anno di iscrizione)

Scadenza bando: 13/09/2018

Breve descrizione

La questione ambientale impone di ripensare forme e modi dell'abitare attorno a concetti di sostenibilità ambientale e alle varie scale, dalla pianificazione del territorio e dei sistemi di trasporto, di gestione delle risorse biotiche e abiotiche e degli ecosistemi, dell'energia, dell'acqua e del suolo, della progettazione sostenibile, della filosofia dell'architettura e metodologia del progetto, del recupero e della rigenerazione urbana fino al design degli oggetti e della comunicazione.

Il dottorato punta a formare un ricercatore in grado di comprendere gli spazi costruiti e le loro relazioni con ambiente e paesaggio per progettarne gestione e trasformazione.

INFORMAZIONI SUL DOTTORATO

Obiettivo della scuola è la formazione di figure professionali e di ricerca di alto profilo qualificate per la gestione del progetto alle diverse scale, da quella urbana/territoriale - con particolare attenzione alle dinamiche ambientali e alle forme - processo che le caratterizzano - a quella architettonica, attraverso metodi, tecniche e strumenti per la lettura, l'interpretazione, la rappresentazione e la gestione dei diversi contesti di progetto, basandosi sull'approfondimento dei vari aspetti

Disciplinary area:

Civil Engineering and Architecture, Earth Sciences, Biological Sciences, Agricultural Sciences, - Archaeological Sciences

Departments involved:

Architettura, Design e Urbanistica, Chimica e Farmacia, Scienza dell'Uomo e della Formazione, Scienze Chimiche e Geologiche (UNICA)

Cost:

Fee 354,23€

Deadline for applicants:

13/09/2018

Brief description:

The environmental issue requires rethinking forms and ways of living around concepts of environmental sustainability and various scales, from spatial planning and transport systems, management of biotic and abiotic resources and ecosystems, energy, water and soil, sustainable design, architectural philosophy and methodology of the project, of urban recovery and regeneration up to the design of the objects and communication.

The doctorate aims to train a researcher able to understand the built spaces and their relationships with the environment and landscape to design their management and transformation.

INFORMATION ON THE PH.D. COURSE

The aim of the school is to train high-profile professional and research figures qualified for the management of the project at different scales, from urban / territorial - with particular attention to the environmental dynamics and the forms - process that characterize them - to the architectural one, through methods, techniques and tools for the reading, interpretation, representation and management of different project contexts, based on the deepening of the various aspects of the disciplines that contribute - traditionally and not - to

delle discipline che concorrono -
tradizionalmente e no - al progetto della città e
del territorio, fino alla scala dell'oggetto e del
design.

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scale of the object and design.

KEY INFORMATION

- **Disciplinary area:** Civil Engineering and Architecture, Earth Sciences, Biological Sciences, Agricultural Sciences, - Archaeological Sciences
- **Department:** Architettura, Design e Urbanistica, Chimica e Farmacia, Scienza dell'Uomo e della Formazione, Scienze Chimiche e Geologiche (UNICA)
- **Cost:** annual fee of € 354,23
- **Deadline for applicants:** 13/09/2018
- **Coordinator:** Prof. Vincenzo Pascucci
- **Venue:** Architettura, Design e Urbanistica (sede amministrativa), Chimica e Farmacia, Scienza dell'Uomo e della Formazione - External structures in Italy and abroad
- **Type of lessons:** frontal and practical lessons
- **Language:** Italian - English
- **Positions open:** 5
- **ECTS:** 180
- **Deadline for applicants:** from 03/08/2018 to 13/09/2018

OVERVIEW

Brief description:

The environmental question requires rethinking forms and ways of living around concepts of environmental sustainability and the various scales, from spatial planning and transport systems, management of biotic and abiotic resources and ecosystems, energy, water and soil, sustainable design, architectural philosophy and methodology of the project, of urban recovery and regeneration up to the design of objects and communication.

The doctorate aims to train a researcher able to understand the built spaces and their relationships with the environment and landscape to design their management and transformation. This requires a systemic and multidisciplinary approach: the disciplinary barriers with their exclusionary theories do not allow to address the issue of sustainability in an integrated way.

The doctorate is themed and interdisciplinary, but is coherent with contents, objectives and methodological approach. It is centered on architecture and on the environmental project of space starting from adequate naturalistic knowledge.

The goal is to make concrete sustainability dealing with material and immaterial objects in relation to the structures and functions of the ecosystem, but also to redevelop, recover, restore, rethink, reuse, recycle, reduce

Rethink and recapitulate the story, rework it, relive it; redesign the city and its territory, the landscape and the environment in reciprocal relationships, its shape and its objects, with a sense of limit, of saving, of equity, of solidarity.

Teaching goals:

The aim of the school is to train high-profile professional and research figures qualified for the management of the project at different scales, from urban / territorial - with particular attention to the environmental dynamics and the forms - process that characterize them - to the architectural one, through methods, techniques and tools for the reading, interpretation, representation and management of different project contexts, based on the deepening of the various aspects of the disciplines that contribute - traditionally and not - to the project of the city and the territory, up to on the scale of the object and design.

The research doctor you want to train can find a place in the field of research, teaching, profession and public administration in management positions, coordination, management and procurement of funds. An operator of a high cultural and technical level able to face with appropriate awareness and preparation the problems currently posed by the complexity of the urban and territorial reality and in particular by the environmental crisis and by a "sustainable development" such as:

- the living and the evolution of the built
- the historical architectural and archaeological heritage
- city and countryside
- the city of rights
- environment, territory and landscape
- geology, botany, pedology and ecology as foundations of the territory
- the many dimensions of the project and the plan
- objects that make us intelligent

Expected employment and professional opportunities

The 2015 Alma Laurea survey is confirmed. Research graduates who have obtained the title in the last three years (XXVI XXVII XXVIII cycle) in Architecture and the Environment are holders of research grants, freelancers, researchers in universities or foreign research. However, it should be emphasized that the ease of finding employment is often accompanied by long periods of contractual stabilization and professional enhancement, both in reference to their employment performance within the national productive fabric, where the PhD title still struggled to be appreciated.

Language

This PhD course includes 3 compulsory common courses taught entirely in English aimed at improving communication and oral comprehension and the use of scientific English in terms of: i) reading and understanding of scientific texts; ii) writing of scientific texts; iii) oral communication in scientific forums. All courses are taught with bilingual material - Italian / English - and teachers use both languages during lessons.

PhD students can attend the University Linguistic Center for a linguistic study.

Laboratories, facilities, libraries, and databases

The Departments that contribute to the operation of the Course - Department of Architecture, Design and Urban Planning and Chemistry and Pharmacy - have laboratories equipped with instruments for analysis in the open field and in a controlled environment, as well as experimental fields and positions for monitoring and manipulation of environmental conditions. There are workshops in Architecture, Urban Planning, Earth Sciences, Ecology, Botany and Pedology. Furthermore, IT laboratories are present.

PhD students have free access to the University Library System <http://sba.uniss.it/>, with:

- 40,500 electronic journals in subscription; 10,000 free on the Web
- 52 databases and other electronic publications on subscription; 600 free on the Web
- 14,500 e-books
- Digital products of the University's scientific research in the UnissResearch institutional archive (10,500 publications including PhD theses)

REQUIREMENTS

Education: master's degree

Selection process: Public call with evaluation of qualifications, research project and interview

Language: knowledge of the English language is required for admission to the course

TEACHING

Teaching schedule

Activity		Type	CFR			
			1° year	2° year	3° year	TOTAL
Project work		minimum	40	40-44	40	130-134
Docenza	Common to all UNISS PhD Courses	Obbligatory	6	2	0	8
	Common to all UNISS PhD Courses	Free choice	0-4	0-4	0-4	4
	Frontal lessons organized by the PhD course	Obbligatory	0-10	0-10	0-10	10
Lectures, congress, courses, etc..	Free choice	minimum	4-6	4-6	2-4	10-14
Student tutoring, teaching assistance	Free choice	maximum	5	5	5	15
Stage and internships	Free choice	maximum				2
TOTAL			60	60	60	180

1 CFR corresponds to:

- 25 hours of project work, internships and internships, thesis assistance (max 2.5 x per thesis);
- 8 hours of lectures given by the School or PhD courses;
- 8 hours of training activities provided by the doctoral student;

– seminar or course given by professors not belonging to the University of Sassari, lasting from 5 to 8 hours per event. In case these events have a duration from 1 to 4 hours, 0.5 CFR will be assigned.

Teaching schedule of the year 2017/2018

The first year of the doctorate is largely devoted to the study, with the aim of deepening the themes related to its research topic. PhD students are expected to follow specific didactic courses (lecture cycles dedicated to doctoral students, or university courses - where they are needed - together with graduate students).

The first year students are required to acquire 60 credits, to be divided between the teaching of the university and the choice of the doctorate. The latter will be specific for each PhD.

For both the first and second, it is not expected to pass the exams of profit (with the exception of linguistic certifications), nor the verbalization of the courses followed.

The doctoral student is however obliged to register his presence at the lectures or seminars.

Seminar activity

1 Seminar per month (6 on environmental issues and 6 on architecture)

Mandatory attendance and minimum attendance hours: attendance requirement is 70% of the hours of each course. This obligation is reduced to 40% for doctoral students without scholarship and for doctoral candidates working for companies.

Seminars, conferences and work-shops: to be decided with the tutor

Stage: to be decided with the tutor

CONTACTS

Ufficio Alta Formazione: Piazza Università, 11 - Palazzo Zirulia – First floor, rzallu@uniss.it, +39 079 229992, Monday – Wednesday and Friday from 10:00 to 12:30.

Administrative Office of the Department: Palazzo del Pou Sallit, Piazza Duomo 6, 07041 - Alghero

Coordinator: Email: pascucci@uniss.it, Phone: 079 228685