

## Syllabus

<b>Anno Offerta/Year</b>	2021
<b>Periodicità/Frequency</b>	BIENNALE/BIENNAL
<b>Corso di Studio</b>	Dottorato in Ingegneria Civile e Architettura/PhD programme in Civil Engineering and Architecture
<b>Regolamento Didattico</b>	Regolamento SDIA ver. 02.07.2012
<b>Tematica</b>	Academic Research
<b>Insegnamento/Course</b>	A Guide to a Successful PhD Thesis: Structure, Research Methods and Management
<b>Sede/Location</b>	
<b>Tipo attività Formativa/ Type of Training activity</b>	Insegnamenti avanzati erogati dai Corsi di Dottorato afferenti alla SDIA (ICD)/ Advanced courses provided by PhD programmes related to SDIA (ICD)
<b>CFU/Credits</b>	6
<b>Ore Attività Frontali/Hours in class lectures</b>	36 (1 CFU = 6 h frontali) (1 CFU = 6 h in class lectures)

<b>Tipo Testo/ Text Type</b>	<b>Obbligatorio /Compulsory</b>	<b>Italian</b>	<b>English</b>
<b>Lingua insegnamento/Teaching Language</b>	Si/Yes		English

<p><b>Contenuti/Contents</b></p>	<p>Si/Yes</p>		<p>From the introduction to conclusions, producing a Thesis Structure is a hurdle. The course, uniquely based on participants' thesis work, proposes a step-by-step guide to devising a Structure that strengthens Parts and Chapters organisation and connections—either PhD. Researchers have just started their Ph.D., or are closing it; each participant will grasp the essential, iterative process by which research Questions generate Knowledge.</p> <p>Critical to the Process is the vast range of Research Methods suitable for the diverse array of topics germane to Design Research (e.g. Qualitative Research design, Correlational, Experimental, Simulation, Case Studies, and Research by Design). When logical, participants will be seeking ways to marshal the benefits of two or more Research Methods applied to their investigations.</p> <p>Weaved with Structure and Methods, is the "Thesis' Management". It is set high emphasis on the "adventure" of being a research student. It addresses how to get started, get through revisions, face deadlines, and regulate the workload. The topic of dissemination along and after the PhD is also debated. Finally, the issues of working with supervisors, the varied stakeholders (comprising the ones of industrial PhD.) and the final examiners, is treated.</p>
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<b>Testi di riferimento/Textbooks</b>	Si/Yes		Texts will be provided along the course
<b>Obiettivi formativi/Learning objectives</b>	Si/Yes		<p>This course aims to support PhD students wishing to conduct research within the Engineering and Design Disciplines.</p> <p>The objectives of the course are three. It grants breadth, fostering the development of a PhD Structure. It gives depth by converging on the development of customised Research Methods. It finally addresses all the aspects of the Management of a Thesis.</p>
<b>Prerequisiti/Prerequisites</b>	No		None
<b>Metodi didattici/Didactic methods</b>	Si/Yes		Students will pair Structure and Methods with the aid of a User-Friendly Graphical Tool provided by the course leader.
<b>Altre informazioni/Further information</b>	No		The course offers a cohesive approach that will help succeed. The course lasts a week. The early days will focus on the Structure of the thesis. The following days are centred on a review of Methods' strengths and weaknesses when applied to an individual PhD work. The "Thesis Management" is thoroughly discussed accompanying the seven days of the course.

<b>Modalità di verifica dell'apprendimento/ Learning verification mode</b>	Si/Yes		Learning will be discussed on seminarial bases
<b>Programma esteso/ Extended program</b>	Si/Yes		<p>Manage the Thesis' Structure</p> <p>Focus on the foundations</p> <p>Let us have a closer look at thesis Parts</p> <p>A focus on Methods</p> <p>Writing, Viva, Attributes of a Successful thesis.</p> <p>Other Academic Activities along with the PhD</p> <p>Time and Energy Management.</p> <p>Management of thesis stakeholders.</p>