



## Study Plan

**School:** Institute for Advanced Studies and Research

**Degree:** Doctorate

**Course:** Architecture (cód. 360)

### 1st Year - 1st Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
ARQ10034D	Architecture Workshop I	Architecture	18	Semester	468
ARQ10036D	Research Methodology I	Architecture	6	Semester	156
ARQ9900D	Seminar I	Architecture	6	Semester	156

### 1st Year - 2nd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
ARQ10035D	Architecture Workshop II	Architecture	18	Semester	468
ARQ9903D	Research Methodology II	Architecture	6	Semester	156
ARQ9902D	Seminar II	Architecture	6	Semester	156

### 2nd Year - 3rd Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
	Thesis				

### 2nd Year - 4th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
	Thesis				

### 3rd Year - 5th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
	Thesis				

### 3rd Year - 6th Semester

Component code	Name	Scientific Area Field	ECTS	Duration	Hours
	Thesis				

### Conditions for obtaining the Degree:

\*\*\* TRANSLATE ME: Para aprovação na componente curricular é necessário a aprovação (através de avaliação ou creditação) das seguintes unidades curriculares:

1º Semestre: {\ }newline

3 UC obrigatórias num total 30 ECTS

2º Semestre: {\ }newline

3 UC obrigatórias num total de 30 ECTS

Para obtenção do grau é necessário obter também aprovação nas provas públicas de defesa da Tese, decorrendo a investigação (Laboratório de Tese I, II, III e IV) desde do 3º semestre ao 6º semestre, com um total de 120 ECTS

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## Program Contents

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### **Architecture Workshop I (ARQ10034D)**

The topic of research will be launched through debate, interaction, and dialogue, being analyzed and studied in addition to the work developed in the UC Methodologies and Seminar.

From the already evoked proactive reading strategy on territories in precarious situations will be constituted defined actions of: prospecting; Survey; Analysis of relevant aspects according to the nature of the theme. Since "project-based research" is adopted, it doesn't result necessarily in a deterministic approach, where a survey and analysis precede enunciation and formalization of a hypothesis, but it is already recognized in the surveying and analysis activities, a propositional dimension, since they are actions raised by an ante-projectual positioning. The desired result will be the construction of a statement that frames the objects of study considered and the positioning for a proposal, which will be consolidated in the second semester.

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### **Research Methodology I (ARQ10036D)**

This curricular unit will have the following syllabus:

- Formulation of the doctoral thesis,
- Project definition, theoretical text, critical reflection, or exhibition curatorship as a research project in Architecture.
- Strategies for the enunciation of a research topic and a study object
- Definition of state of the art
- General methodologies of scientific research and specific of the research in Architecture
- General methodologies of scientific writing and specific of the writing about architecture

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### **Seminar I (ARQ9900D)**

This seminar aims to launch a discussion of issues related to advanced professional practice in a broad dialectical context, of a multidisciplinary nature. The syllabus focuses primarily on two components:

- a) Recognize the current panorama of contemporary architecture and situate it in its cultural and economic context.
- b) Reflect on the economic assumptions that Architecture promotes and the impact that the activity of Research & Development has or may have in that context.

These contents will be analyzed through the following questions:

What are the most important current issues or challenges for architects nowadays and why?

What seem like promising new roles, activities and territories for architecture in the next decade?

Which is the impact of Architecture in the economy? Can, should it be taken into consideration? how?

What recent architecture, landscape architecture Projects do you consider best or most important and why?

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### **Architecture Workshop II (ARQ10035D)**

The programmatic content starts from a set of reflections and approaches to the concept of "project of architecture as research". It is about enunciating the tools, methodologies and practices used by the architect that constitute research in Architecture. The curricular unit encourages the development of speculations that question current architectural practice, aiming to create in this context the ideal circumstances for a refoundation of the principles of Architecture.

This Uc will have three distinct nuclei that constitute the axis of the intended theoretical-practical approach: Project; Heritage issues; And Landscaping. In each of these nuclei will be developed different contents and competences. The three areas are organized according to a logic of complementarity and not overlapping. The most complete approach to the project and the different possibilities for intervention in the area is sought.



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### **Research Methodology II (ARQ9903D)**

This unit will have the following syllabus:

- Interaction and interdisciplinarity in the creation of Architecture and production of knowledge.
- Similarities and differences between the languages of traditional techniques and contemporary technology and their influence in the research process.
- The Importance of the new media as a field of work and a tool for the development of the Architecture project.
- Continuities and discontinuities between the material and the immaterial, and how these affect our understanding and use of technology applied to artistic and architectural production.

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### **Seminar II (ARQ9902D)**

The syllabus is built around processes familiar to methods of research in architecture associated with a more empirical and, in some ways, intuitive dimension. These processes are to be systematized in three steps: TRAVEL, COLLECTING and SYNTHESIS. The prepared sessions will seek to demonstrate how the practice of travel and the various techniques of collecting can articulate and converge in a synthesis which will reveal the construction of structures as an approach to architecture project.

The trip as a means of intellectual opening, based on the irreplaceable experience of places and spaces.

The moment of collection, as an effort to build an order that allows one to archive, record and decode all the collected "stuff".

The synthesis as a result of the travel experience and collection strategy, applied in the proposal of a specific project. The issue of representation is, at this point, a fundamental aspect in that it is associated to the communication of the project.