



FIRST YEAR			SECOND YEAR		
1°	2°	3°	4°	5°	6°
C 6/2,5 Theory and Criticism of Design	A 6/2,5 Applied Materials Study	A 9/5 Digital Design Study	A 9/5 Generative Architecture Study	A 9/5 Advanced Architectures Study	D 6/2,5 Innovation Final Project
C 6/2,5 Project Communication Study	C 3/1,5 Introduction to New Technologies	6/2,5 Digital Design and Manufacturing Laboratory	6/2,5 Evolutionary Design and Manufacturing Laboratory	6/2,5 Experimental Laboratory of Technologies	B 6/2,5 Design Business

A
BASIC AREA
DISTINCTIVE
POSTGRADUATE
 (36-60) 36

B
ELECTIVE AREA
 (6-12) 9

C
COMMON COURSES
 (6-18) 18

D
FINAL PROJECT
 (6-12) 12

75 CREDITS

Project Communication Study

The student will develop the ability to communicate the architectural project in all its stages, in order to use the most appropriate tools for the structure of the speech.

Theory and criticism of Design

The student will develop the ability to analyze and criticize the architectural project from a current point of view, in order to base and structure the investigations of the projects applied.

Applied Materials Study

The student will explore the potentials of the experimentation of applied materials, with the purpose of investigating the physical and formal properties of the design of the material allowing to pose advanced designs.

Introduction to New Technologies

The student will explore the potentials of new design and manufacturing technologies, in order to have the technological base to start advanced architecture studies.

Digital Design Studio

The student will develop the ability to design with theories, techniques and technologies of digital design, in order to apply the tools of digital design effectively and efficiently

Digital Design and Manufacturing Laboratory

The student will develop the ability to manufacture with digital design techniques and technologies, in order to apply digital design tools effectively and efficiently.

Generative Architectures Study

The student will develop the ability to design with theories, techniques and technologies of generative design, in order to develop sensitive and evolving projects.

Evolutionary Design and Manufacturing Laboratory

The student will develop the ability to manufacture with generative design techniques and technologies, in order to develop sensitive and evolving projects.

Advanced Architectures Study

The student will develop the ability to design and apply theories, techniques and advanced design technologies, in order to implement new technologies in advanced real projects.

Experimental Laboratory of Technologies

The student will develop the ability to apply advanced design techniques and technologies, in order to implement a real project with new technologies.

Innovation Final Project

The student will develop the ability to design and apply theories, techniques and advanced design technologies, in order to generate advanced projects with real application and with clear benefit to the quality of life and space.

Design Business

The student will develop the ability to analyze and apply theories and strategies of business models for design, in order to implement strategies for the viability of advanced real projects.

Investigation Methodology

At the end of this course, the student will understand the basic conceptual and procedural elements of research, both quantitative and qualitative and its application in educational projects, this in order to start their degree work establishing a research topic and developing the literature consultation corresponding in national and international databases.

Design and Visual Communication

The student will be able to use their knowledge in the practice of informative and persuasive design, this in order to develop skills in the management and distribution of communication elements in a defined space, applying in it the formal compositional principles of hierarchy and flow of information, significance and the implicit factors in the written language.