

Course Content

| FIRST YEAR | | ECTS | Types |
|--|--|------|-------|
| 1 st semester | Architectural Drawing I | 6 | CM |
| | Descriptive Geometry I | 6 | CM |
| | Mathematics I | 6 | CM |
| | Physics I | 6 | CM |
| | History of Art | 6 | OB |
| 2 nd semester | Architectural Drawing II | 6 | CM |
| | Descriptive Geometry II | 6 | CM |
| | Mathematics II | 6 | CM |
| | Physics II | 6 | CM |
| | Introduction to Architecture | 6 | OB |
| SECOND YEAR | | ECTS | Types |
| 1 st semester | Architectural Projects I: Analysis | 9 | CM |
| | Theory of Classical Architecture | 3 | OB |
| | Design and Computer-aided Modelling | 6 | OB |
| | Construction of Foundations and Structures | 6 | OB |
| | Structural Mechanics | 6 | OB |
| 2 nd semester | Architectural Projects II: Methodology | 9 | CM |
| | Theory of Architecture in the XVIII and XIX Centuries | 3 | OB |
| | Introduction to Urban Phenomenon | 6 | OB |
| | Digital Image Tools | 6 | OB |
| | Social Doctrine of the Church | 6 | OB |
| THIRD YEAR | | ECTS | Types |
| 1 st semester | Urban Planning Techniques | 6 | OB |
| | Architectural Projects III: Simple Compositions | 7,5 | OB |
| | Heating, Ventilation and Air Conditioning Systems | 4,5 | OB |
| | Building of Façades and Roofs | 6 | OB |
| | Steel Structures | 6 | OB |
| 2 nd semester | Urban Planning | 6 | OB |
| | Architectural Projects III: Simple Programmes | 9 | OB |
| | Theory of Modern and Contemporary Architecture | 6 | OB |
| | Technical Development of Projects I | 9 | OB |
| | Theory of Architecture III | 3 | OB |
| FOURTH YEAR | | ECTS | Types |
| 1 st semester | The Project of Public Space | 6 | OB |
| | Architectural Projects V: Complex Compositions | 7,5 | OB |
| | Water and Sanitation Systems | 4,5 | OB |
| | Concrete Structures | 6 | OB |
| | Interior Construction | 6 | OB |
| 2 nd semester | Territory and Landscape | 6 | OB |
| | Architectural Projects VI: Complex Programs | 9 | OB |
| | Technical Development of Projects II | 9 | OB |
| | Optional (select one) | 6 | OP |
| | • Architecture, City and Public Space | | |
| | • Building Pathologies | | |
| | • Cultural or sport Activities of University | | |
| | • Digital Projects | | |
| | • Professional Practices | | |
| FIFTH YEAR | | ECTS | Types |
| 1 st semester | Architectural Projects VII: Building on the built | 7,5 | OB |
| | Electrical Facilities | 4,5 | OB |
| | Rehabilitation Techniques | 6 | OB |
| | Soil Mechanics and Foundations | 6 | OB |
| | Economic Management of Architecture | 6 | OB |
| 2 nd semester | Architectural Projects VIII: Sustainable Industrialization | 9 | OB |
| | Technical Development of Projects III | 9 | OB |
| | Legal Architecture and Building Law | 6 | OP |
| | Final Degree Project Fundamentals of Architecture | 6 | FDP |
| DEGREE | | ECTS | |
| TOTAL | | 300 | |
| SIXTH YEAR | | ECTS | Types |
| 1 st semester | Architectural Projects | 12 | OB |
| | Construction of the Project | 9 | OB |
| | Optional subjects* | 9 | OP |
| 2 nd semester | Final Master Project | 30 | FMP |
| MASTER | | ECTS | |
| TOTAL | | 60 | |
| *Optional Subjects | | ECTS | |
| Audiovisual Communication | | 3 | |
| BIM Tools | | 6 | |
| Intervention on Architectural Heritage | | 6 | |
| Project and Worksite Management | | 3 | |

CM Core Modules | OB Obligatory | OP Optional | FDP Final Degree Project | FMP Final Master Project

Architecture

Level: Diploma + Master
Years: 5 + 1
ECTS: 300 + 60
Location: Valencia Campus
Taught in: English

What will you learn?

Architecture is a science and also is an art. Architecture is passion and is vocation.

With us, you will learn to:

- Design and manage the construction or restoration of buildings.
- Plan the growth of urban areas and their territory.
- Be sensitive to society's needs and respond according to the place and the time.
- Stimulate your creativity and develop it with ongoing practical exercises.
- Calculate structures and facilities of a building, as well as to design its shape and construction process.
- Use tools which enable drawing, designing and calculating.
- Take advantage of the new channels for the employability of the architect.



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What makes us different



The international dimension

We offer English training. That way we build your capacity to work in English anywhere in the world.

- The subjects will be taught in English 100%.
- We will offer you free additional Spanish lessons to improve your level and to better seize the opportunity to internationalize your profile.

Since the Spanish architecture is worldwide recognized, our will is share with you all this tradition and innovation. This approach also respond to the professional structure and the international market's demand.

Internships at Europe's most important architecture studios

We offer professional internships at the main European architecture studios. In order to offer a truly international professional experience, we currently have more than 50 agreements, and the number grows every year: Our students have done internships at: Aires Mateus and João A. Rocha (Portugal), Müller Sigrist (Switzerland), Cruz and Ortiz and OAB Ferrater (Spain), McCullough-Mulvin (Ireland), Merom Architects (Sweden), Mjolk (Czech Rep.), etc.

Guest teachers of international prestige and more

To our strong workforce of teachers we must add a significant list of guest professionals. Over the past few years we have hosted guest teachers of such importance as Guillermo Vázquez Consuegra, Javier García Solera, Rafael de la Hoz, Ignacio Vicens or João Álvaro Rocha.

Class work is supplemented by other valuable activities:

- Conferences and Workshops with prominent architects: Eduardo Souto de Moura, Cruz and Ortiz, Aires Mateus, Josep Llinàs, Carme Pinós, Emilio Tuñón. Thematic workshops: Urban Green Infrastructure, Construction-space-light, Modular housing. Cycles and seminars: International Week, Portuguese Architecture Cycle, Architectural Models Seminar, Cinema and Architecture Seminar. Study tours to learn about the architecture of Italy, Denmark, Finland, Switzerland, Portugal. Involvement of students in projects of architectural innovation at a high level, such as the participation in the two editions of the Solar Decathlon Europe

The learning methodology

We use a unique approach to teach architecture, based on the case method. Through this methodology, students will apply the theoretical knowledge to a real and concrete project in which they will have to analyze, research and take decisions. Hence, they will acquire an inductive learning process, in addition to the traditional system.

The axis of our studies is the integration of subjects, thanks to the transversality of the teaching methodology between the different disciplines, which accelerates the learning process and the maturation of knowledge by the student.

Oriented to the new employability of the architect

We believe that the architect is not born, but made. Therefore, at our school we take care of academics and we train how to develop a profession, and thus we prepare our students to face the employment market with greater solvency.

Besides the traditional skills of an architect, our Grade provides:

- Intensification in Rehabilitation, Renovation and Architectural Regeneration: understanding the keys to projecting the regeneration of neighborhoods and renewing consolidated fabric, carrying out functional and structural intervention techniques on building stock, learning about energy rehabilitation in building envelopes and facilities. Key aspects to work when there is little new construction.
- We certify your training in Professional Tools: throughout the degree we will teach you the main software used by architects. But not only will you learn how to use them, we will also certify the skills you have acquired: Certificate in Graphic Tools (120 hours: Autocad 2D and 3D, SketchUp, Photoshop, InDesign), Certificate in Technical Tools (80 hours: Tricalc Structures, Cype Installations, Archimedes budgets, Lider+Calener).



National and International Exchange Programmes

You will be able to participate in exchange programs within Spain with the SICUE program, but also in Europe with the ERASMUS+ program. Likewise, our degree is recognized throughout Europe, which therefore allows you to practice your profession in any other country of the world.