



5 YEARS SINGLE-CYCLE DEGREE COURSE IN ARCHITECTURE
DEGREE CLASS LM – 4 c.u. Architecture and construction engineering-architecture
CURRICULUM

for students enrolling to the first year in the academic year 2019/2020

The Master's Degree Course in Architecture does not have curricula.

Courses are classified as follows depending on the type of activity (TAF):

A= core educational activities

B= connotative educational activities

C= coherent and supplementary educational activities

D= activities to be chosen by the student

E= final examination

F= other activities

S- stages and traineeships

| Joint curriculum | | | | |
|---|--|---------------|------------|-------------|
| I year (56 ECTS) | | | | |
| <i>Course</i> | <i>Module</i> | <i>Sector</i> | <i>TAF</i> | <i>ECTS</i> |
| Fundamentals of mathematics | | MAT/05 | A | 8 |
| History of contemporary architecture | | ICAR/18 | A | 8 |
| Architectural theory, representation and design laboratory I | Elements of architectural composition | ICAR/14 | B | 6 |
| | Architectural representation and survey | ICAR/17 | A | 6 |
| | Architectural composition 1 | ICAR/14 | B | 8 |
| Principles of physics | | FIS/01 | A | 6 |
| Technological design laboratory of architecture | Materials and construction elements | ICAR/10 | B | 6 |
| | Methods and tools for technological design | ICAR/10 | B | 7 |
| Integrated design workshop | | ICAR/14 | F | 2 |
| II year (57 ECTS) | | | | |
| <i>Course</i> | <i>Module</i> | <i>Sector</i> | <i>TAF</i> | <i>ECTS</i> |
| Statics | | ICAR/08 | B | 6 |
| History of architecture | | ICAR/18 | A | 7 |
| History of contemporary art | | L-ART/03 | C | 6 |
| Architectural theory, representation and design laboratory I | Digital design and BIM | ICAR/17 | A | 6 |
| | Theories and techniques of architectural design | ICAR/14 | B | 6 |
| | Architectural composition 2 | ICAR/14 | B | 6 |
| English | | L-LIN/12 | E | 6 |
| Project laboratory for the contemporary city | Theories for urban planning | ICAR/21 | B | 6 |
| | Urban design elements | ICAR/21 | B | 6 |
| Integrated design workshop | | ICAR/14 | F | 2 |
| III year (56 ECTS) | | | | |
| <i>Course</i> | <i>Module</i> | <i>Sector</i> | <i>TAF</i> | <i>ECTS</i> |
| Analysis of structures | | ICAR/09 | B | 6 |
| Architectural restoration 1: project principles and methods for the existing built heritage | | ICAR/19 | B | 6 |
| Theories and design of public spaces | | ICAR/21 | C | 6 |
| Architectural and interior design laboratory | Architectural composition 2 | ICAR/14 | B | 6 |
| | Technologies for interior design | ICAR/13 | C | 6 |
| | Interior design | ICAR/16 | C | 6 |
| Architecture construction laboratory | Environmental performance of buildings | ING-IND/11 | A | 6 |
| | Technologies and building solutions for environmental sustainability | ICAR/10 | B | 6 |
| | Construction technique | ICAR/09 | B | 6 |
| Integrated design workshop | | ICAR/14 | F | 2 |



| IV year (57 ECTS) | | | | |
|---|--|---------|-----|------|
| Course | Module | Sector | TAF | ECTS |
| Urban regeneration and urban planning laboratory | Plans and projects for reusing the existing city | ICAR/21 | B | 6 |
| | Urban and territorial regeneration techniques and processes | ICAR/21 | B | 6 |
| Design laboratory for the conservation and recovery of architectural heritage | Structural problems of historical building | ICAR/09 | C | 6 |
| | Architectural restoration 2: theories, rules and design techniques for the existing built heritage | ICAR/19 | B | 6 |
| | Architectural composition 4 | ICAR/14 | B | 6 |
| Legislation for the management of the built and the territory | | IUS/10 | B | 6 |
| Elements of economics and valuation | | AGR/01 | C | 6 |
| History of city and territory | | ICAR/18 | A | 7 |
| Systems and tools for the project: GIS and remote sensing | | ICAR/06 | A | 6 |
| Integrated design workshop | | ICAR/14 | F | 2 |
| V year (38 ECTS) | | | | |
| Course | Module | Sector | TAF | ECTS |
| Design theories | | ICAR/14 | B | 6 |
| Economic assessment of plans and projects | | ICAR/22 | B | 8 |
| <i>A laboratory chosen from:</i> | | | | |
| Integrated architecture laboratory | Architectural composition 5 | ICAR/14 | D | 6 |
| | Plastic modeling and project communication | ICAR/17 | D | 6 |
| | Environment and infrastructure design | ICAR/15 | F | 6 |
| | Integrated technological design | ICAR/10 | F | 6 |
| Integrated design laboratory of city, territory and landscape | Integrated planning for the resilient territory | ICAR/21 | D | 6 |
| | Landscape ecology and environmental sustainability | BIO/07 | F | 6 |
| | Landscape design | ICAR/15 | F | 6 |
| | Environmental assessment and landscape management | AGR/01 | D | 6 |

Starting from the second year, students will have to add optional courses (TAF D) to their curriculum amounting to 16 ECTS.



EXAM PROGRESSION

The following exam progressions are planned:

Architectural theory, representation and design laboratory I, before Architectural theory, representation and design laboratory II

Technological design laboratory of architecture, before Architecture construction laboratory

Principles of physics, before Statics

Architectural theory, representation and design laboratory II, before Architectural and interior design laboratory

Project laboratory for the contemporary city, before Urban regeneration and urban planning laboratory

Statics, before Analysis of structures

Architectural and interior design laboratory, before Design laboratory for the conservation and recovery of architectural heritage

Analysis of structures, before Architecture construction laboratory

Design laboratory for the conservation and recovery of architectural heritage, before 5th year's Integrated design laboratories

FURTHER INFORMATION

Within the curriculum, there is a compulsory curricular internship (8 ECTS) and the preparation of the thesis (12 CFU).