

MASTER PROGRAM
iCAD – Architectural Design Curriculum

anno	semestre	Regolamento coorte	Codice	Denominazione	SSD	CFU	TAF	Ore
		B076-12-15						
1	I/II	2015	B020740	Architecture Structural Design Lab		18		144
			B018878	Architectural Design I	ICAR/14	6	B	48
			B018879	Structural Design	ICAR/09	6	B	48
			B020741	Building System Design	ICAR/12	6	C	48
1	I	2015	B018884	History of Contemporary Architecture and Urbanism	ICAR/18	6	B	48
1		2015	B018886	Restoration Lab		18		144
1	I	2015	B018887	Restoration	ICAR/19	6	B	48
			B018888	Static and Stability of Masonry Structures	ICAR/08	6	C	48
			B018889	Geomatic for Built Heritage Conservation	ICAR/06	6	B	48

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1	a	2015	B018887	Restoration	ICAR/19	6	B	48
			B018888	Static and Stability of Masonry Structures	ICAR/08	6	C	48
			B018889	Geomatic for Built Heritage Conservation	ICAR/06	6	B	48
1	II	2015	B018885	Project Economic Evaluation	ICAR/22	6	B	48
1	II	2015	B016071	Urban Sociology	SPS/10	6	B	48
1	II	2015	B016074	Internship (Workshop, Stage, Training)		6	E	48
		B076-12-14						
2	I/II	2014	B018890	Architecture and town lab		18		144
			B018891	Architectural Design II	ICAR/14	6	B	48
			B018892	Urban Design	ICAR/21	6	B	48
			B018893	Urban Landscape Design	ICAR/15	6	C	48
2	I/II	2014	B018894	Architecture and Environment Lab		18		144
			B018895	Architectural Design III	ICAR/14	6	B	45
			B018896	Environmental Design	ICAR/12	6	B	48
			B018897	Environmental Control Techniques	ING-IND/11	6	B	48
		2014		Free courses or Seminar		12	D	
2		2014	B016076	Final Examination (Thesis)		12		

The Master program is offered and open to students, coming from inside and outside the European Union, who wish to achieve a Master Degree in Architecture awarded by the Faculty of Architecture in Florence, Italy.

Learning outcomes of course

The aim of the Master Degree course in Architecture is the training of an “Architect” according to the requirements of knowledge and skills as defined by the European Union Directive EC 1985/384 and subsequent 2005/36/EC. The course lasts two years and meets the requirements set by the EU Bologna Process. Graduates in this class of degree may, after passing the state exam, enroll in section A – field “architecture” of the Italian Professional Association of Architects, Planners, Landscapers and Conservationists as expressly stated by the DPR No.328 of 5 June, 2001.

Cultural statement

The Master Course in Architecture is based on these main assumptions:

- the design of contemporary architecture, its techniques and its methods related to cultural heritage and landscape of cities and regions;

- the sustainability as a general balancing between whole human needs, spaces, buildings, products and nature;
- a cooperative working involving different people and cultures as an additional quality of scientific programme of the course.

Career opportunities

The main job opportunities provided by the Master Degree Course are:

- architectural design, urban design and architectural heritage conservation with competence in aesthetic, distributional, functional, structural, technical issues, in technical and financial feasibility, in the valorization of built environment and landscape, of cultural changes and with critical attention to the needs expressed by contemporary society;
- business activity on an individual basis or in combination, related to design and construction of public and private projects;
- project management in public institutions and private organizations relating to construction and property;
- architect in private companies operating in construction, production of building elements and construction techniques.

Learning objectives

The expected results are expressed by the descriptors of the European qualification (DM 16/03/2007, art. 3, paragraph 7) and placed in the Academic Regulations for the degree course visible on the website of CdLM (<http://www.magistralearchitettura-icad.unifi.it/changelang-eng.html>). Graduates in Architectural Design must demonstrate, through examination and verification of income, to have achieved the results of learning expectations, expressed through the system of indicators of the degree adopted within the European Union (Dublin descriptors) and the EURACE accreditation model (DM 16/03/2007, art. 3, paragraph 7).

Access to the course

Access to the degree course in “Architecture” in Florence, for the years 2013/2014, is not limited. European Union students who hold the title of Bachelor of Architecture complying with the requirements of European Union Directive 2005/36/EC and subsequent EC 1985/384 can access the Master’s Course.

The course is open to students from countries outside the European Union, who hold the degree or diploma of at least a three year course of Architecture at University, or other qualification recognized as equivalent. The admission depends, however, by the student’s knowledge of the English language at level B2 according to the Common European Framework of Reference for Languages Learning, or equivalent, that must be proved by certificate.

Students coming from European and non-European universities need an assessment of past career. To this end, the School Committee will assess the following documents:

- application for Assessment (<http://www.magistralearchitettura-icad.unifi.it/vp-117-enrollment.html>);
- transcript of Grades Certificate;
- transcript of Student’s Academic Record, which includes the information about the credit hours for each subject as well as the equivalent ECTS units and GPA – Cumulative Grade Point Average;
- description list of attended exams;
- personal preparation Portfolio of products, including text and pictorial material, involving significant experiences of one’s university career, certificates of workshops, participation in design competitions for students and research activities products, including text and pictorial material, involving significant experiences of one’s university career, certificates of workshops, participation in design competitions for students and research activities;
- certificate of knowledge of the English language.

The listed documents are required in order to obtain the clearance necessary to refine the matriculation and shall be provided in English or Italian language and can be send through e-mail: architettura@magistrale.biennale@dida.unifi.it. The School Committee examines applications for assessment during the entire academic year.

Training programme

The Master Course in Architectural Design educational programme emphasizes the role of Design Labs. In the four semesters there are four Architectural Design Labs (one for each semester) integrating three modules of related matters appropriately selected:

- Architecture Structural Design Lab
- Architecture and Environment Lab
- Architecture and Town Lab
- Restoration Lab

Other courses being:

- Project Economic Evaluation
- History of Contemporary Architecture and Urbanism
- Urban Sociology

These latter will, together with free-choice courses or scientific seminars, design workshops or professional internships (<http://www.magistralearchitettura-icad.unifi.it/vp-123-stages.html>), complete the training programme leading to the Master Degree in Architectural Design from the University of Florence.

Graduating

The Master degree Graduation thesis (12 CFU) is preferably individual and consists in a discourse, held in front of a commission nominated by the study course, that illustrates an original work done in different fields of design and concerns the elaboration and discussion of a design experience, critically developed and deepened, about a specific topic agreed with a professor who assumes the responsibility as a supervisor of the thesis.

For the thesis is required: the thesis' report, 10 panels in format A0, the plastic model, a synthetic presentation of the report in slides to project during the discussion of the thesis. In case of two students as authors is the supervisor that agrees about the number of the elaborates and which part is assigned to each student.

The thesis may be developed in a non design topic if it is preliminary approved by the Didactic Committee after an illustration and motivation presented by the supervisor.

The students majoring in iCAD- International Course of Architectural Design it is obligatory to prepare the discussion in English.

The evaluation of the thesis regards:

- The weighted average value, expressed in hundredth, of the grades;
- The judgement of the final proof, related to the preparation of the discussion and the quality of the design elaborates and their presentation, expressed with an evaluation compressed from 0 to 8 points.