



THE UNIVERSITY OF PARMA
The world awaits


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WHY STUDY WITH US?
LET **THE NUMBERS** DO THE TALKING:

800 
professors and
researchers

31k 
students from Italy and
all over the world

96 
courses to
choose from

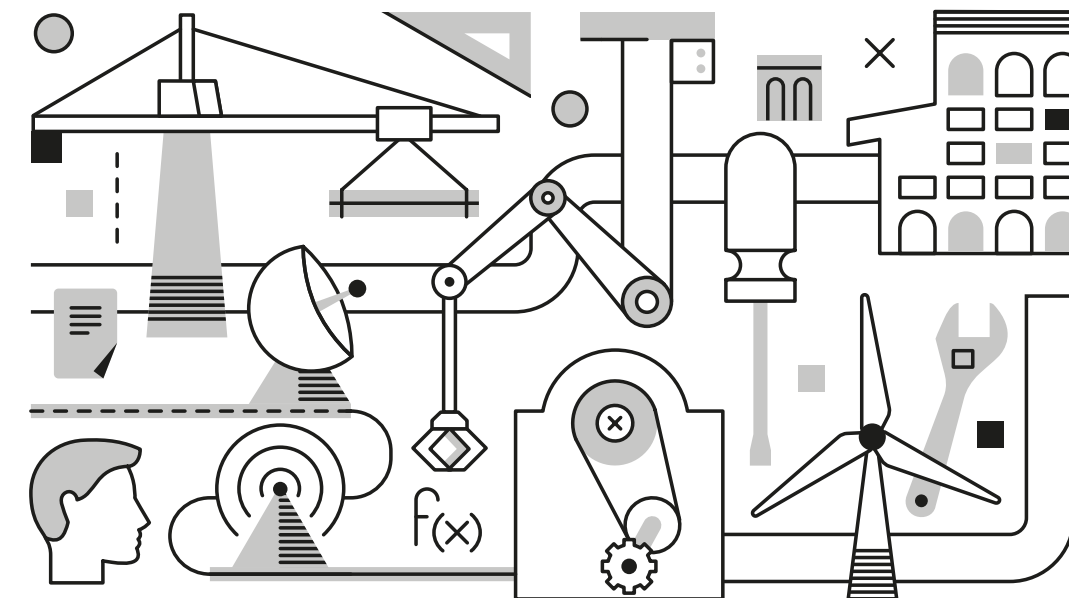
100% 
grants for
those entitled

ACADEMIC YEAR 2021/2022

TWO-YEAR SECOND-CYCLE DEGREE



ARCHITECTURE AND CITY SUSTAINABILITY



ARCHITECTURE AND CITY SUSTAINABILITY

Double degree with Université Internationale de Rabat

WHY IN PARMA

The Master of Science in Architecture and City Sustainability is the only two-year second-cycle degree programme in Architecture in Emilia-Romagna completely taught both in Italian and in English. It requires a bachelor's degree qualification (first-cycle studies) obtained in Italy (class L-17) or abroad. The course complies with the European Directive 85/384/EEC concerning the mutual recognition of diplomas, certificates and other evidence of formal qualifications in Architecture in the European Union. Furthermore, the M.Sc. offers a Double degree programme with the Université Internationale de Rabat in Morocco.

The course combines in-depth theoretical studies of core professional subjects with a solid applied and technical approach to sustainable design and planning. The different modules in Architectural design, Restoration, Urban planning and design, BIM and construction technology are mainly organized into

laboratories where students, supported by theoretical studies, carry out applied activities in an International environment, supported by skilled lecturers (University staff, researchers and practitioners).

Each year, about 80 students enrol in the second-cycle degree programme Architecture and City Sustainability, 50% of whom come from different Italian and International universities. The programme has also promoted various agreements for didactic and scientific cooperation with foreign universities.

Courses are entirely held within the University Campus called Parco Area delle Scienze. The Campus is the scientific centre of the University of Parma and is located in a 77-hectare green area on the city outskirts. It is easily accessible by bus from the train station and the historical centre, and it also includes modern and well-equipped sport facilities.

WHAT YOU WILL LEARN

COURSE YEAR: 1

CFU 65 (650 HOURS)

- LP4 ARCHITECTURAL AND URBAN DESIGN STUDIO FOR THE SUSTAINABLE CITY
(INTEGRATED EDUCATIONAL ACTIVITY - SINGLE ANNUAL CYCLE - COMPULSORY)
 - COMPOSITION 4. FORM AND CONSTRUCTION OF ARCHITECTURE 6 (60 HRS)
 - DESIGN 4. ARCHITECTURE AND URBAN REGENERATION 6 (60 HRS)
 - DESIGN OF STRUCTURES 4 (40 HRS)
 - INNOVATIVE TECHNOLOGIES FOR SUSTAINABLE DESIGN 4 (40 HRS)
 - SYSTEMS FOR SUSTAINABLE BUILDING 3 (30 HRS)

- URBAN PLANNING STUDIO FOR THE SUSTAINABLE CITY
(INTEGRATED EDUCATIONAL ACTIVITY - SINGLE ANNUAL CYCLE - COMPULSORY)
 - URBAN AND SUSTAINABLE PLANNING 6 (60 HRS)
 - OPEN SPACE PLANNING AND URBAN ECOLOGY 6 (60 HRS)
 - URBAN AND ENVIRONMENTAL APPLIED PHYSICS 4 (40 HRS)
 - ECONOMIC EVALUATION OF PLANS AND PROJECTS 4 (40 HRS)
 - LANDSCAPE PLANNING AND DESIGN 3 (30 HRS)

- ANALYSIS AND CONSERVATION OF EXISTING STRUCTURES
(INTEGRATED EDUCATIONAL ACTIVITY - FIRST SEMESTER - COMPULSORY)
 - ASSESSMENT OF STRUCTURAL SAFETY 4 (40 HRS)
 - RESTORATION AND STRENGTHENING 4 (40 HRS)

- BUILDING INFORMATION MODELING
(INTEGRATED EDUCATIONAL ACTIVITY - SECOND SEMESTER - COMPULSORY)
 - DIGITAL MODELING OF ARCHITECTURE 4 (40 HRS)
 - DIGITAL VISUALIZATION OF PROJECT 4 (40 HRS)

- ENGLISH/FRENCH LANGUAGE QUALIFYING EXAM B2 3

COURSE YEAR: 2

CFU 55 (550 HOURS)

- METHODS OF RESEARCH ON HISTORY OF ARCHITECTURE
(INTEGRATED EDUCATIONAL ACTIVITY)
 - ARCHITECTURE HISTORIOGRAPHY 4 (40 HRS)
 - METHODS OF HISTORICAL RESEARCH ON ARCHITECTURE 4 (40 HRS)

 - ADMINISTRATIVE LAW FOR ARCHITECTURE AND URBAN PLANNING
(INTEGRATED EDUCATIONAL ACTIVITY)
 - PLANNING LAW AND PUBLIC CONTRACTS 4 (40 HRS)
 - CONSTRUCTION LAW ENVIRONMENTAL AND CULTURAL HERITAGE LAW 4 (40 HRS)
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- CURRICULUM: THE DESIGN FOR THE ARCHITECTURE OF THE CITY**
- CORE ARCHITECTURAL AND URBAN REGENERATION DESIGN STUDIO + WORKSHOP 14 (140 HRS)
OR
 - CORE URBAN STRATEGIC SUSTAINABLE DESIGN STUDIO + WORKSHOP 14 (140 HRS)
- CURRICULUM: RESTORATION AND REUSE OF ARCHITECTURE**
- CORE RESTORATION AND REUSE OF ARCHITECTURE STUDIO + WORKSHOP 14 (140 HRS)
- CURRICULUM: URBAN, REGIONAL AND LANDSCAPE SUSTAINABLE PLANNING**
- CORE URBAN, REGIONAL AND LANDSCAPE SUSTAINABLE PLANNING STUDIO + WORKSHOP 14 (140 HRS)
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- ELECTIVE COURSES - SINGLE DISCIPLINE EDUCATIONAL ACTIVITY 8
 - FINAL EXAM 11
 - INTERNSHIP 6
- All the Courses are offered both in Italian and in English Language*

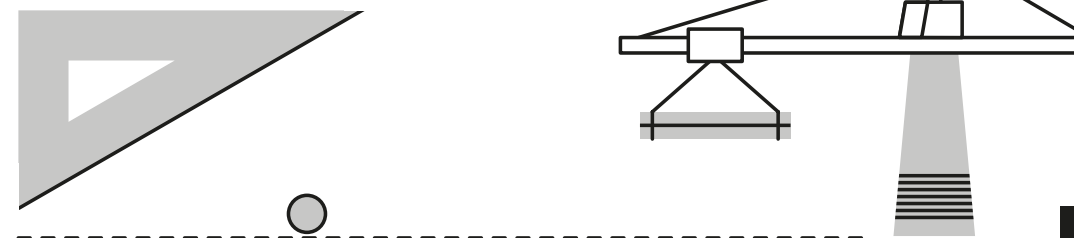
CAREER OPPORTUNITIES

Graduates from M.Sc in Architecture and City Sustainability acquire a very wide range of professional skills related to the design of new buildings and open spaces, the urban and regional planning practice, the restoration and conservation of existing buildings, building and urban surveying, and the coordination of the construction process. This may also include organising the work of other specialists and professionals in the field of Architecture, Construction engineering, Urban and regional planning and Architectural restoration.

Graduates will be able to take on roles of high responsibility in public or private institutions, but

also in public or private companies operating in the fields of construction and urban transformation processes. Graduates may also sit in the Italian State examination finalized at independently carrying out the professional activity in Italy.

The Skills acquisition can be reinforced by optional postgraduate internships and work placements, organized in cooperation with approximately one thousand public bodies and private companies, mostly professional studios, affiliated with the University. The success of the programme is highlighted by high employment rates (over the 90%) within the three years following the graduation.



GENERAL INFORMATION

COURSE REFERENT

PROF.SSA EVA COISSON eva.coisson@unipr.it

ACCESS

Open access

DEPARTMENT

Department of Engineering and Architecture - dia.unipr.it
Parco Area delle Scienze, 181/A - Campus Universitario

COURSE TYPE AND DURATION

Two-year second-cycle degree (master's degree)

CLASS OF DEGREE

LM-4 Classe delle lauree magistrali in Architettura e ingegneria edile-architettura

website

cdlm-arch.unipr.it/en

