

Master Degree Program

Master of Science – Restoration

a.a. 2024-2025

First year – first semester

For students admitted to the Master's Degree in Architecture-Architectural Design, the intensive integrative course in **Structural Mechanics** is active. Knowledge of the topics covered in the course is a necessary prerequisite for successfully following the courses in Construction Science and Technology (ICAR/08-ICAR/09). The course, which takes place in September, is mandatory for students coming from other universities and strongly recommended for students coming from the Degree Course in Architectural Sciences at Roma Tre.

Design Studio

Architectural design

8 ects of 12

Cristina Casadei

Building physics and plants

4 ects of 12

Marco Frascarolo

Restoration technology

6 ects

Chiara Tonelli

History of Architecture

8 ects compulsory course between:

History of the city and built environment

Maddalena Scimemi (4)

Federica Angelucci (4)

First year – second semester

Tools for restoration projects

Drawing

4 ects of 10

Marco Canciani

GIS for restoration

2 ects of 10

contract

Mathematics – curves and surfaces

4 ects of 10

Corrado Falcolini

Urban restoration studio

Urban restoration

4 ects of 12

Michele Zampilli

Urban planning

4 ects of 12

Andrea Filpa

Legislation BB CC

4 ects of 12

contract

Strength of materials

8 ects

Arnaldo Casalotti

History of Architecture

8 ects compulsory course between:

History of contemporary architecture

class I - Marida Talamona

class II - Maddalena Scimemi

Ancient architecture: theories, types and techniques

Mauro Mussolin (4)

contract (4)

Second year – first semester

Architectural restoration studio

Architectural restoration

8 ects of 12

Antonio Pugliano

Appraisal

4 ects of 12

Mariolina Grasso

Technical physics

4 ects

Marco Frascarolo

Construction studio M

8 ects

Silvia Santini

Second year – second semester

Heritage design studio

Monument restoration

4 ects of 12

Francesca Romana Stabile

Architecture and historical landscapes

4 ects of 12

Francesca Romana Stabile

Theory of architectural research

4 ects of 12

Francesco Careri

Final exam

10 ects

Elective courses – annual

Seminario Villard

8 ects

Lorenzo Dall'Olio (6) – Alessandro Gabbianelli (2)

Elective courses – first semester

BIM – Parametric and rule basic design

4 ects

Stefano Converso

Diagnostics of ancient and modern buildings

4 ects

Silvia Santini

Elements of urban design

4 ects

Marco Burrascano

Philosophy, fundamentals and approach to safety at work

4 ects

Alfredo Simonetti

Architectural design in Architectural and urban design studio

offered in Master of Science – Urban design

8 ects – Francesco Careri

Inclusive design

4 ects

Adolfo F.L. Baratta

Construction history

4 ects

Tullia Iori

History of 20th Century Italian architecture

4 ects

Marida Talamona (2) – Federica Causarano (2)

History of modern art - LM

6 ects

offered in Department of Humanities

Silvia Ginzburg

Urban studies: spaces and communities

8 ects

Giovanni Caudo

Elective courses – second semester

Civic arts

6 ects – offered in english
Francesco Careri

Dynamics in architecture

4 ects
Fabio Bruni (2) – Ginevra Salerno (2)

Shells and membranes: form finding and optimization

4 ects
Stefano Gabriele (2) – Valerio Varano (2)

Innovation in territorial government

6 cfu
offered in Master of Science – Urban Design
Marco Ranzato

Laboratory of landscape observation and interplay

6 ects
Annalisa Metta (3) – Marco Ranzato (3)

Ape design studio - landscape architecture and urban ecology

8 ects – offered in Master of Science - Restoration
Annalisa Metta (6) – contract (2)

Experimental design – restoration workshop

8 ects
Francesco Cellini (4) – M.M. Segarra Lagunes (4)

Urban markets and real estate developers

4 ects
contract

Models and languages of modern photography-LM

6 ects – offered in Department of Humanities
Antonello Frongia

Processes of reuse and adaptive reuse of heritage

4 ects
contract

Project and building sites for restoration

6 ects – offered in Master of Science - Architecture
Paola Porretta - Francesca Romana Stabile

Projects and building sites for restoration

4 ects
Antonio Pugliano

Rome and the Renaissance

4 ects
Francesca Mattei

Roma-Madrid. House and city

6 ects
Milena Farina (2) – Valerio Palmieri (2) –
Andres Canovas Alcaraz (1) – Sergio Martin Blas (1)

Sentimental topography: project and place in the *other modernity*

4 ects – offered in english
Carlotta Torricelli

History and methodology of analysis in architecture

4 ects
Saverio Sturm

Contemporary issues in architectural restoration in Europe and behind

4 ects
Maria Margarita Segarra Lagunes

Transitional landscapes. Heritage making and mindscape in time of global change

4 ects – offered in english
Federica Fava

Urban morphology

6 ects – offered in english
Giuseppe Strappa