

# MANIFESTO DEGLI STUDI 2023/2024

## Master of Science - Restoration

### First year - First semester

#### Design studio – 12 ects

Architectural design (8 ects) – contract  
Building physics and plants (4 ects) – contract

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#### Restoration technology – 6 ects

Chiara Tonelli

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#### **History of Architecture (8 ects compulsory course between:)**

#### History of the city and built environment – 8 ects

contract

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### First year - Second semester

#### Tools for restoration projects – 10 ects

Drawing (4 ects) – Marco Canciani  
GIS for restoration (2 ects) – contract  
Mathematics - curves and surfaces (4 ects) – C. Falcolini

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#### Urban restoration studio – 12 ects

Urban restoration (4 ects) – Michele Zampilli  
Urban planning (4 ects) – Andrea Filpa  
Legislation BBCC (4 ects) – contract

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#### Strength of materials – 8 ects

Arnaldo Casalotti

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#### **History of Architecture (8 ects compulsory course between:)**

#### History of contemporary architecture – 8 ects

*canale I* – Marida Talamona  
*canale II* – Maddalena Scimemi

**Ancient architecture: theories, types and techniques** – 8 ects  
contract (6 ects) – Saverio Sturm (2 ects)

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# MANIFESTO DEGLI STUDI 2023/2024

## Master of Science - Restoration

### Second year - First semester

**Architectural restoration studio** – 12 ects

Architectural restoration (8 ects) – Antonio Pugliano  
Appraisal (4 ects) – contract

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**Technical Physics** – 4 ects

Marco Frascarolo

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**Construction Studio** – 8 ects

Silvia Santini

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### Second year - Second semester

**Heritage design studio** – 12 ects

Monuments restoration (4 ects) – Elisabetta Pallottino  
Theory of architectural research (4 ects) – Francesco Careri  
Architecture and historical landscapes (4 ects) – P. Porretta

**Final exam** – 10 ects

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## Master of Science - Restoration

### Elective courses – annual

#### **Seminario Villard** (8 ects)

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

### Elective courses – First semester

#### **Inhabit Space** (4 ects)

Chiara Tonelli

#### **BIM – Parametric and rule based design** (4 ects)

Stefano Converso

#### **CAD/CAE Fundamentals of computational mechanics of structures** (4 ects)

Giovanni Formica

#### **Heritage's culture and history** (6 ects)

Elisabetta Pallottino

#### **Diagnostics of ancient and modern buildings** (4 ects)

Silvia Santini

#### **Elements of urban design** (4 ects)

Marco Burrascano

#### **Geographic Information Systems (GIS) for land use and environmental planning** (4 ects)

Stefano Magaudda

#### **Urban and architectural design studio** (8 ects)

(Architectural design)

offered in Master of Science-Urban design

Francesco Careri

#### **Inclusive design** (4 ects)

Adolfo F.L. Baratta

#### **Project and building sites for restoration** (4 ects)

Antonio Pugliano (2 ects) – Francesca R. Stabile (2 ects)

#### **Rome and the Renaissance**(4 ects)

Francesca Mattei

#### **History of the city and built environment** (8 ects)

offered in Master of Science-Urban design

contract

#### **Construction History** (4 ects)

contract

#### **Urban studies: spaces and communities** (8 ects)

Giovanni Caudo

#### **Theories and methods of landscape design** (4 ects)

Alessandro Gabbianelli

### Elective courses – Second semester

#### **United Nations Agenda 2030 for sustainable development: building and living town tomorrow** (4 ects)

Chiara Tonelli

#### **Civic arts** (6 ects - EN)

Francesco Careri

#### **Complements on design of timber structures** (4 ects)

Maurizio Follesa

#### **Dynamics in architecture** (4 ects)

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

#### **Shells and membranes: form finding and optimization** (4 ects)

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

#### **Heritage** (6 ects – EN)

Francesca Geremia

#### **Innovation in territorial government** (6 ects)

offered in Master of Science-Urban design

Marco Ranzato

#### **LAB – Learning from abroad** (8 ects)

contract

#### **Open space design studio** (8 ects)

(Landscape architecture – Plant ecology)

offered in Master of Science-Urban design

Annalisa Metta (6 ects) – contract (2 ects)

#### **Experimental Design – Restoration Workshop** (8 ects)

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

#### **Mathematical drawing machines: historic drawing from a parametric point of view** (4 ects)

Paola Magrone (2 ects) – Laura Farroni (2 ects)

#### **Urban markets and real estate developers** (4 ects)

contract

#### **Processes of reuse and adaptive reuse of heritage** (4 ects)

contract

#### **Designing and building on safety** (8 ects)

contract

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### Elective courses – First semester

**Urban design lab: a regenerative city** (6 ects – EN)

Michele Furnari

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### Elective courses – Second semester

**Planning of the urban recovery** (8 ects)

Mario Cerasoli

**Design and architectural restoration** (6 ects)

offered in Master of Science-Architecture

Paola Porretta

Francesca Romana Stabile

**Roma-Madrid. Casa e città. Madrid-Roma. Casa y ciudad**  
(6 ects)

Milena Farina (2 ects) – Valerio Palmieri (2 ects)

Andres Canovas Alcaraz (1 ects) – Sergio Martin Blas (1 ects)

**Sentimental topography** (6 ects – EN)

Carlotta Torricelli

**Public space and climate change** (4 ects)

Maria Pone

**History of contemporary architecture** (8 ects)

offered in Master of Science-Architecture

Marida Talamona - Maddalena Scimemi

**History of 20th Century Italian architecture** (4 ects)

Marida Talamona (2 ects) – contract (2 ects)

**History and methodology of analysis in architecture** (4 ects)

Maddalena Scimemi

**Contemporary issues in architectural restoration in Europe  
and behind** (4 ects)

Maria Margarita Segarra Lagunes (4 ects)

**Transitional landscapes. Heritage making and mindscapes  
in time of global change** (6 ects – EN)

Federica Fava

**Urban morphology** (4 ects – EN)

Giuseppe Strappa

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