

# MANIFESTO DEGLI STUDI 2023/2024

## Science - Urban Design

### First year - First semester

#### Urban space design studio – 8 ects

Design (6 ects) – Maria Pone

Urban Planning (2 ects) – Marco Ranzato

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#### Structure of the city – 12 ects

Architectural restoration technique (4 ects) – F. Geremia

Drawing (4 ects) – Maria Grazia Cianci

Structures (4 ects) – Valerio Varano

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

contract

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### First year - Second semester

#### Urban planning studio – 16 ects

Urban planning (8 ects) – Giovanni Caudo

Legislation (4 ects) – contract

Mathematical and statistical methods (4 ects) – contract

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#### Open space design studio – 10 ects

Landscape architecture (6 ects) – Annalisa Metta

Plant ecology (2 ects) – contract

Landscape representation – contract

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#### Structural engineering – 4 ects

Davide Lavorato

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# MANIFESTO DEGLI STUDI 2023/2024

## Science - Urban Design

### Second year – First semester

#### **Architectural and urban design studio – 12 ects**

Architectural design (8 ects) – Francesco Careri  
Appraisal (4 ects) – Fabrizio Finucci

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#### **Environmental design studio – 10 ects**

Architectural technology (6 ects) – Ilaria Montella  
Building physics (4 ects) – contract

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#### **Urban and spatial policies – 6 ects**

Anna Laura Palazzo

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### Second year – Second semester

#### **Innovation in territorial government – 6 ects**

Urban regeneration (4 ects) – Marco Ranzato  
Sustainability and climate adaptation (2 ects) – M. Ranzato

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#### **Final exam – 10 ects**

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# MANIFESTO DEGLI STUDI 2023/2024

## Science - Urban Design

### Elective courses – annuals

#### 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

#### 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

#### Construction History (4 ects)

contract

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

Giovanni Caudo

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

Alessandro Gabbianelli

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

Michele Furnari

### Elective courses – Second semester

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

Chiara Tonelli

#### Ancient architecture: theories, types, and techniques (8 ects)

offered in Master of Science-Restoration

contract (6 ects) – Saverio Sturm (2 ects)

#### Civic arts (4 ects)

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

#### LAB – Learning from Abroad (8 ects)

contract

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

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

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

contract

#### 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

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

Mario Cerasoli

# MANIFESTO DEGLI STUDI 2023/2024

## Science - Urban Design

### Elective courses – Second semester

**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)

**Theory of architectural research (4 ects)**

offered in Master of Science-Restoration

Francesco Careri

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

Federica Fava

**Urban morphology (6 ects - EN)**

Giuseppe Strappa

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