



## COURSE DESCRIPTION Urban conservation

**SSD: RESTAURO (ICAR/19)**

DEGREE PROGRAMME: ARCHITECTURE AND HERITAGE (P53)  
ACADEMIC YEAR 2022/2023

## COURSE DESCRIPTION

TEACHER: PANE ANDREA  
PHONE: 081-2538061  
EMAIL: andrea.pane@unina.it

## GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: U4004 - DESIGN STUDIO FOR URBAN HERITAGE  
MODULE: U4006 - Urban conservation  
CHANNEL: A-Z  
YEAR OF THE DEGREE PROGRAMME: II  
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I  
CFU: 4

### REQUIRED PRELIMINARY COURSES

Design Studio for Archaeological Heritage

### PREREQUISITES

None

### LEARNING GOALS

The course aims to provide students with the necessary knowledge to let them face the complexities of the conservation and restoration project at urban scale. It consists in two parts: in the first one, theoretical principles of the subject are shortly presented, in their historical development from the second half of the 19th century and today, through examples of cities and plans coming to be an urban transformation indifferent to preexistences to urban conservation. In the second part, the student is guided through the reading of an urban context, since its historic evolution, pursuing the aim to make him able to read and understand the complexity of the urban palimpsest in order to hand it on the future. Then, the student is guided to design a conservation

and restoration project at urban scale, linked with the other disciplines related to Design Studio for Urban Heritage.

Upon completion and passed the exam, the student will be able to recognize the methodology of a conservation and restoration project at urban scale, to read and interpret a historic urban fabric and, autonomously valuing its historical and constructive background, to distinguish materials and constructive techniques, to understand instability and decay phenomena, and also its tangible and intangible values, in order to hand it on the future, perhaps integrating its lacunas or facilities. The student will be able to apply this knowledge in an urban restoration project culturally aware and technically updated.

## **EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)**

### **Knowledge and understanding**

The student must:

- Show to possess the methodology of the urban conservation project also in its historical evolution and relating to the current disciplinary debate;
- Show the critical understanding methods of the urban heritage relating to the historical transformation occurred over the time;
- Show to know and interpret the cultural, tangible and intangible values, preceding the choices for safeguard, conservation, management and enhancement of the built heritage;
- Show to know the analysis and representation techniques of settlement and building systems of historic urban fabrics;
- Show to know the survey and representation techniques of the collapse and decay phenomena on the urban heritage;
- Show to know the intervention techniques for restoration and conservation of the urban heritage; - Show to know the current legislation on protection of the urban heritage;
- Show to know the systems of cultural, tangible and intangible values, preceding the choices for safeguard, conservation, management and enhancement of the built heritage;
- Show to be able to define the project strategies for the enhancement and improvement of use for the urban heritage.

The training course, starting from the knowledge of principles and techniques of architectural conservation - already studied during the first-year courses - aims to convey to the student a methodology for the urban conservation project in its many phases, of survey, of diagnosis, of concept and checking. Through this method the students acquire the ability to draw up a culturally aware and technically updated project on urban heritage.

### **Applying knowledge and understanding**

The student must show:

- To have developed a critical ability to interpret the urban heritage, relating to the history of urban architectural, restoration transformations;
- To be able to apply methods of visual and instrumental investigation for the knowledge of the material, morphological, typological, constructional and structural aspect of the built heritage;
- To know how to use the advanced computer techniques and tools for the critical representation of the heritage in its historical recognition and through its phenomena of instability and decay;

- To know how to develop strategies to define, recover, use and save environmental, cultural, social, economic and symbolic resources of urban heritage;
- To know how to develop a restoration, conservation, reuse, enhancement project of the urban heritage culturally aware in line with disciplinary and legislative orientations.

The training course is aimed to transmit the operating abilities necessary to correctly apply the acquired knowledge by the student in the definition of project strategies for the conservation and restoration of the urban heritage.

## COURSE CONTENT/SYLLABUS

### Part I –Principles and methodology of urban conservation

The urban dimension of conservation in Italy between history and current events. References to the evolution of the debate from the 19th century demolitions to the first investigations into «minor architecture» and the urban setting of the «old cities»: the case of Rome. The role of Italian and European theorists: Camillo Boito, Luca Beltrami, Camillo Sitte, Charles Buls, Patrick Geddes. Gustavo Giovannoni and the theory of thinning-out: the cases of Rome, Bergamo Alta and Bari vecchia. War damage and reconstruction plans in Italian historic centers between institutions, protagonists and experiences: the cases of Naples and Florence. The issues of the old-new relationship and the role of Roberto Pane in the 1950-60s. The first conservation plans for Italian historical centres: the cases of Assisi, Siena and the activity of ANCSA. The school of Saverio Muratori and type-morphological restoration: the studies on Rome and Venice and the PEEP plan of Bologna. The Venice Charter (1964). The ancient centre of Naples from the building's speculation to the urban and architectural conservation plan of 1971: general criteria and principles. The European Charter of Architectural Heritage and the concept of integrated conservation (1975) The extension of the perimeter and the current debate about the historic centre of Naples from the ICOMOS (1982) study to the Historical Centre Great Project by UNESCO.

### Part II –The urban conservation project

The insula of Santa Chiara between urban planning and conservation instances, 1860-1940. Stratifications in the urban fabric of the ancient centre of Naples: representation and interpretation of the palimpsest. Survey and representations of built elevations. Conservation techniques for surfaces: diagnosis and interventions. The issue of colours. Operating principles for urban conservation between regeneration, compliant re-use and respect of the palimpsest.

## READINGS/BIBLIOGRAPHY

### Part I

#### Minimum bibliography

A. Pane, *Dal monumento all'ambiente urbano: la teoria del diradamento edilizio*, in *La cultura del restauro. Teorie e fondatori*, a cura di S. Casiello, III edizione, Marsilio, Venezia 2005, pp. 293-314.

\*\* M. Glendinning, *The Conservation Movement: A History of Architectural Preservation*, Routledge, New York 2013, pp. 155-158; 164-184; 204-212.

J. Jokilehto, *A History of Architectural Conservation*, Butterworth-Heinemann, Oxford 1999, pp. 219-228.

\* A. Pane, G. Russo Krauss, *Destruction as opportunities: the debate about the bombed historic Naples at the dawn of reconstruction, 1943-1946*, in *Libro de Actas. V Congresso Internacional Cidades Criativas* (Porto, Portugal, 25-27 Janeiro 2017), edited by L.M. Alves, P. Alves, F. García García, ICONO14, Porto 2017, pp. 296-312.

A. Pane, *Drafting of the Venice Charter: historical developments in conservation*, 12th annual Maura Shaffrey memorial lecture (Dublin, 10 June 2010), ICOMOS Ireland, Dublin 2011.

\* A. Pane, *The historic center of Naples as a paradigm of urban conservation*, in *Naples lab: research & tentative design*, edited by Ch. Fontaine, R. Valente, V. D'Ambrosio, Presses Universitaires de Louvain, Louvain 2019, pp. 60-63.

#### In-depth bibliography

\* G. Fiengo, *La conservazione dei beni ambientali e le Carte del restauro*, in S. Casiello (a cura di), *Restauro, criteri, metodi, esperienze*, Napoli 1990, pp. 26-46.

\* E. Romeo, *Documenti e norme per il restauro architettonico*, in S. Casiello (a cura di), *Restauro, criteri, metodi, esperienze*, Napoli 1990 (Carta di Atene, 1931; Carta italiana del restauro, 1932; Istruzioni del 1938; Carta di Venezia, 1964; Carta italiana del restauro, 1972), pp. 237-240; 252-256.

M. Giambruno (a cura di), *Per una storia del Restauro Urbano. Piani, strumenti e progetti per i Centri storici*, Cittàstudi edizioni, Novara 2007.

\* F. De Pieri, *Un paese di centri storici: urbanistica e identità locali negli anni Cinquanta e Sessanta*, in «Rassegna di architettura e urbanistica», 136 (2012), pp. 92-100.

## **Part II**

#### Minimum bibliography

A. Pane, *Dagli sventramenti al restauro urbano. Un secolo e mezzo di progetti per un'area strategica del centro storico di Napoli: l'insula del Gesù Nuovo (1862-2012)*, in *Restauro e riqualificazione del centro storico di Napoli patrimonio dell'UNESCO tra conservazione e progetto*, Atti del ciclo di Seminari tenuti presso la Scuola di Specializzazione in Beni architettonici e del Paesaggio dell'Università di Napoli Federico II (16 febbraio 2011-5 maggio 2012), a cura di A. Aveta e B. G. Marino, Edizioni Scientifiche Italiane, Napoli 2012, pp. 276-300.

F. Mangone, *Il centro storico di Napoli: uno, nessuno, centomila*, in *La scoperta della città antica. Esperienza e conoscenza del centro storico nell'Europa del Novecento*, a cura di D. Cutolo e S. Pace, Quodlibet, Macerata 2016, pp. 259-271.

\* A. Pane, *Il piano per il centro antico di Napoli del 1971 nel quadro del dibattito italiano sui centri storici*, in *La città globale. La condizione urbana come fenomeno pervasivo / The Global City. The urban condition as a pervasive phenomenon*, a cura di M. Pretelli, R. Tamborrino, I. Tolic, sezione D "La vocazione internazionale dell'urbanistica. Scuole, istituzioni, riviste, mostre, élite urbane e modelli di pianificazione", a cura di F. Dallari, G. Doti, H. Porfyriou, M. Pretelli, Aisu International, Torino 2020, pp. 24-39.

#### In-depth bibliography

C. Beguinot, P. De Meo, *Il centro antico di Napoli. Documenti e proposte*, Edizioni Scientifiche Italiane, Napoli 1965.

R. Pane et al., *Il centro antico di Napoli. Restauro urbanistico e piano di intervento*, 3 voll., Edizioni Scientifiche Italiane, Napoli 1971.

ICOMOS, *Indirizzi per il restauro del centro storico di Napoli*, Arte tipografica, Napoli 1982.

*Il regno del possibile. Analisi e prospettive per il futuro di Napoli*, a cura di Studi Centro Storico Napoli, Edizioni del Sole-24 Ore, Milano 1986.

*Rigenerazione dei centri storici. Il caso Napoli*, a cura di Studi Centro Storico Napoli, Edizioni del Sole-24 Ore, Milano 1988.

\* The bibliographic material marked with an asterisk is available in pdf on the teaching site in the "teaching material" section.

\*\* The bibliographic material marked with a double asterisk is available as a digital resource accessible by all Unina students with their credentials on the portal: <https://catalogo.sharecat.unina.it/sharecat/clusters>

The volumes that are not marked by an asterisk are available to buy in bookshops and/or can be found in the Central Library of Area Architettura or in the specialized one of History and Restoration "Roberto Pane", both located on the first floor of Palazzo Gravina.

### TEACHING METHODS OF THE COURSE (OR MODULE)

Professor will use: a) frontal lectures approximately 40% of the total teaching hours; b) exercises to improve directly theoretical knowledge approximately 20% of the total teaching hours; c) laboratory to improve applied knowledges approximately 40% of the total teaching hours. The exercises aim at developing the restoration project of a building or an architectural complex which shows a significant historical stratification and conservation issues requiring restoration. Students will trainee with direct and instrumental surveys, bibliographical research, surveys - also using the equipment present in the departmental laboratories (eg mlab - Monitoring Laboratory\_Tecnologie per il monitoraggio dell'ambiente costruito).

The Insula of Santa Chiara in the ancient centre of Naples is the study area for the current academic year 2022-23.

The elaborations required for the exercise to be done by groups of 3-4 students, variable according to the specificity of the individual themes, must follow the list on the Professor's website, also shown during the classes.

### EXAMINATION/EVALUATION CRITERIA

#### a) Exam type

- Written
- Oral
- Project discussion
- Other

#### In case of a written exam, questions refer to

- Multiple choice answers

Open answers

Numerical exercises

**b) Evaluation pattern**

To take the exam, the student must have participated in all the laboratory activities and been evaluated positively in the general meetings scheduled in the semester. The exam involves the discussion of the project carried out by the group through the presentation of drawings (which final version has to be also shared in digital and printed version in book A3 paper format at the end of the course) and examination of the acquired knowledges about the topics dealt with during classes, considering the bibliography.

The final grade, because of the outcomes and skills demonstrated in the discussion of the project as well as the themes and elaborations from the different modules, will be weighted on the CFUs of each teaching and thus composed as follows: Urban design for heritage 33%; Urban conservation 22%; Urban and territorial history 22%; Urban planning for the historic city 22%.