



POLITECNICO DI TORINO – AA. 2023-2024

RESTORATION

MSc ARCHITECTURE CONSTRUCTION AND CITY

PROFESSOR
EMANUELE MOREZZI





GOALS

The Restoration course intends to deepen, on the basis of the disciplinary knowledge acquired in Bachelor Degree, themes and design problems of the contemporary debate of restoration in the constant relationship between theories and practice. This, to enable students to obtain critical skills in the field of conservation and reuse of architectural heritage.

The course aims to contribute to the acquisition of a *methodology* and the building of the critical-design awareness and capacity that the Architect must possess in order to responsibly implement the preservation and enhancement of historical buildings and places with a view to cultural sustainability, particularly those in which the layers of memory and values present themselves with particular intensity.





POLITECNICO DI TORINO – AA. 2023-2024

COURSE ORGANIZATION

LECTURES

+

SITE SURVEYS

+

TASK

+

FINAL EXAM





POLITECNICO DI TORINO – AA. 2023-2024

COURSE ORGANIZATION

LECTURES

The lectures will regard central topics in the contemporary debate on restoration, including current theoretical directions, national and international Charters and documents, diagnostics, and the ancient/new encounter in the functional adaptation of buildings.

The course will include invited guests as experts or scholars, asking them to share their experiences and know-how in Seminars.





COURSE ORGANIZATION

SITE SURVEYS

The inspections, currently being defined, will be carried out in contexts that have undergone restoration in recent years or for which new ones are planned for the near future.

By way of example, the proposed site surveys could be the city of Ivrea, since 2018 a UNESCO site and Rivoli Castle, also affected by well known interventions in the 80s.





COURSE ORGANIZATION

TASK / ASSIGNMENT

The exercitation will consist of the outline design of a restoration intervention, on a case study freely chosen by each group of students. Subject of the exercise can be either an architecture in need of intervention belonging to an archaeological, rural, industrial, urban context, or a building (or set of buildings) already restored (also selectable through bibliographic and sitographic sources) for which to propose an alternative intervention to the one carried out.

The design should follow the methodological stages of the knowledge project, restoration project and reuse project.





COURSE ORGANIZATION

FINAL EXAM

During the course it is required active participation both in lessons, during which a debate in relation to the issues addressed will be set up, and in the organised visits. The students will also have to do a practical exercise, assigned by the teacher, aimed both at the analysis of the state of conservation and at the development of a restoration or an adaptive reuse proposal of an existing building.

The final exam will regard the assignment evaluation and oral exam.





BIBLIOGRAPHY

J. Jokilehto, *History of Architectural Preservation*, Butterworth-Heinemann 2002;

M. Petzet, *International principles of preservation*, ICOMOS, 2009;

E. E. Burden, *Illustrated dictionary of Architectural Preservation*, Mc-Graw Hill, 2004;

S. Caccia Gherardini, *Restoration in a few words. Methodology and Techniques*, Huazhong University of Science & Technology Press (HUST Press), WuHan - China 2013 (II ed.);

M. Glendinning, *The conservation movement. A history of Architectural preservation*, Routledge, 2013;

S.F. Musso, *Recupero e restauro degli edifici storici. Guida pratica al rilievo e alla diagnostica*, EPC Editore, 2016;

