

LABORATORY OF RESTORATION

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Modules:

Consolidation

Architectural design

Educational objectives

During the years the thematic select have been diversified, spacing from the study of churches (chapels, convents etc.) to the theme of the urban gaps, from the conservative problem list of the archaeological sites to the recovery of industrial buildings until themes of 'contemporary' architecture.

Teaching activity

The Laboratory of architectural restoration to provide the cultural, conceptual and methodological bases to operate on the preexistences, as well as promote a comprehensive approach to the complexes and diversified areas that distinguish the protection and conservation of architectural heritage: from history to theories of restoration, from legislation to consolidation, from the aesthetic doctrines to the critical positions, from the architectural positions to design methodology.

The Course represents, over that the natural continuation of knowledge and teaching gained in previous didactic experiences, the normal introduction to the composite activities that characterize the restoration, in its character design and clearly vocational. The Laboratory, whose frequency is obligatory, is articulated in lectures and practical exercises turns in the classroom. The lessons concern the followings themes: actual orientations of the restoration; history of restoration; methods and tools of the architectural relief; interventions of maintenances on materials and structures; normative elements; materials and the historical constructive techniques; diagnostic and technological problems of the consolidation; the evaluations in the project of restoration; 'innovative' interventions on the preexistences.

The examination

The Laboratory doesn't foresee a determined application theme, but the matters of the exercises must freely have proposed from the students. The thematic select must interest themes of recovery of the historical buildings and concrete conservative problems; particularly the choice must revert on architectural texts of elevated quality.

The exercise must come, through graphic and photographic notes and the relief to the understanding and the individualization of the typological characters, distributive, functional and structural (materials, techniques and constructive particularities) of the work object of study, of its specific problems and of the possible design solutions.

The exams, strictly individual, concern in an oral test on the matters object of the lectures and in the presentation and discussion of exercises developed within the Laboratory.

Bibliography

- C. BRANDI, *Teoria del restauro*, Roma 1963, Torino 1977 (2° ed.).
- M. P. SETTE, *Il restauro in architettura. Quadro storico*, Saggio introduttivo di G. Miarelli Mariani, Torino 2001.

Bibliographic specifications will be indicated in the lectures.