



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Fisica e Chimica - Emilio Segrè		
ACADEMIC YEAR	2022/2023		
MASTER'S DEGREE (MSC)	CULTURAL HERITAGE CONSERVATION AND RESTORATION		
INTEGRATED COURSE	RESTORATION THEORY. HISTORY AND DESIGN		
CODE	16589		
MODULES	Yes		
NUMBER OF MODULES	2		
SCIENTIFIC SECTOR(S)	ICAR/19, L-ART/04		
HEAD PROFESSOR(S)	TOMASELLI FRANCESCO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	BARONE ZAIRA	Professore Associato	Univ. di PALERMO
	TOMASELLI FRANCESCO	Professore Ordinario	Univ. di PALERMO
CREDITS	12		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	1		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Not mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	BARONE ZAIRA Wednesday 09:00 - 13:30 Dipartimento di Architettura, edificio 14, stanza 135 (corpo C).		
	TOMASELLI FRANCESCO Wednesday 10:00 - 14:00 viale delle Scienze, ed. 8, scala F2, piano terra.		

DOCENTE: Prof. FRANCESCO TOMASELLI

PREREQUISITES	Cause of the particular teaching position at the first year of the degree course, you must take into account the wealth of knowledge acquired in the performance of secondary school. In order to understand the content and reach, therefore, the learning objectives of the course, the student must first have a set of knowledge in the field of history, given the close relationship that binds to the restoration of monuments. But not only the artistic and architectural history, since even count the relationship in time between this and the story of a general nature which includes several sectors, the so-called special stories: political and social, literary and costume.
LEARNING OUTCOMES	<p>KNOWLEDGE AND ABILITY OF COMPREHENSION. Acquisition of issues of major importance; ability to use the specific language of the discipline.</p> <p>CAPACITY TO APPLY KNOWLEDGE AND COMPREHENSION. Capacity to make use of a methodology based on the acquired theoretical basis for the resolution of the problems posed by the monumental heritage.</p> <p>MAKING JUDGMENTS. Being able to recognize the principles and criteria underlying a restoration project and assess its results.</p> <p>ABILITY OF COMMUNICATION. Capacity to expose the cultural reasons for the choices made for conservation and restoration.</p> <p>LEARNING CAPACITY. Capacity to follow, based on the entirety of their made skills, the later teachings of the course of studies for the deepening in the field.</p>
ASSESSMENT METHODS	<p>The assessment consists of an oral test in which, together with the discussion of the topics in the study program, the student will comment on a report to be presented during the examination.</p> <p>The average rating results expressed in the two tests with a score of thirty, from minimum to maximum, according to different age;</p> <p>1) basic knowledge of topics and limited capacity of processing knowledge and of correlation among the various topics (rating 18-21);</p> <p>2) rather good knowledge of topics and good capacity of processing knowledge and of correlation among the various topics (rating 22-24);</p> <p>3) good knowledge of topics and ability in processing knowledge and of correlation among the various topics (rating 25-27);</p> <p>4) very good or excellent knowledge of the topics, prompt or very smart capacity of knowledge processing and of correlation among the various topics (rating 28-30; rating 30 cum laude).</p>
TEACHING METHODS	Lectures are mainly provided, and also seminars.

MODULE THEORY. HISTORY AND DESIGN OF REAL ESTATE RESTORATION

Prof. FRANCESCO TOMASELLI

SUGGESTED BIBLIOGRAPHY

FEIFFER C., Il progetto di conservazione, Franco Angeli, Milano, 1997.
 FEIFFER C., La conservazione delle superfici intonacate, Skira, Milano, 1997.
 L. LAZZARINI, M. LAURENZI TABASSO, Il restauro della pietra, Cedam, Padova, 1986.
 CNR-ICR, Raccomandazione NORMAL 1/88 Alterazioni macroscopiche dei materiali lapidei: lessico, Roma, 1988.
 Documento UNI 11182, Beni Culturali, Materiali lapidei naturali ed artificiali, Descrizione delle forme di degrado, Termini e definizioni, Milano 2003.
 Documento UNI 1130, Beni culturali, manufatti Lignei, Terminologia del degradamento del legno, Milano 2004.
 Documento UNI 11089, Beni culturali, Materiali lignei, Criteri per l'identificazione delle specie legnose, Milano 2003.

AMBIT	50683-Metodologie per la conservazione e il restauro
INDIVIDUAL STUDY (Hrs)	102
COURSE ACTIVITY (Hrs)	48

EDUCATIONAL OBJECTIVES OF THE MODULE

The restoration, use and maintenance of architectural heritage are some of the most relevant objectives of contemporary society, towards which the interest of the international scientific community is also addressed, sensitive to the interdisciplinary connections that restoration tends to establish. In the architectural heritage the community finds the stratified traces of its own culture and the didactic path of the Restoration Laboratory, within the integrated course, intends to contribute to the ethical thickening of the conscience of the restorer.

The teaching of the laboratory aims to transmit to the students the fundamental knowledge that is necessary for the executive planning of the restoration interventions of the works belonging to the architectural heritage. The lessons are inspired by the current positions of the Italian School of Restoration, of a conservative nature.

The contents of the Restoration Laboratory are, in particular, aimed at providing students with critical insights relating to the knowledge of ancient architectural buildings, the recognition of forms of decay and instability, instrumental diagnostics and restoration techniques. The course aims to transmit to students the fundamental knowledge to plan and carry out diagnostic investigations, preferring those of a non-destructive or minimally invasive nature, with the use of the most correct tools and operating methods in order to draw up an effective diagnosis to support of conservation interventions of architectural heritage. During the course the students will practice in the recognition of materials, construction techniques, in the elaboration of the thematic maps of decay and alterations, instability and conservation interventions, which constitute the documents of the restoration project. Furthermore, students will learn to orient themselves among the possible intervention choices by focusing attention on the methodologies that are more compatible with the subject of architecture and in compliance with the criteria of compatibility, reversibility and minimum intervention.

The drafting of the exercise and the project is conducted by suggesting to students the use of the standardized lexicon and provides for the choice of restoration techniques.

SYLLABUS

Hrs	Frontal teaching
3	Inaugural lecture. Introduction to restoration. Objectives and methods of conducting the course and exams.
4	The perception of time, matter and authenticity. The attitude of the various eras to the already existing structure. The attention to the ancient world between the sixteenth and the eighteenth century
4	Authenticity and transformations over time. Various examples in Italy and abroad.
4	Memory and ambiguity in restoration.
4	Restoration of the temple of Segesta, the Colosseum and the arch of Titus.
4	The French revolution, the problem of iconoclasm. Restoration-style restoration
3	The myth of classic Sicilian architecture. The travelers and the grand tour.
4	Viollet-le-Duc: the character, the restorations
4	The restoration of the basilica of San Marco, Ruskin, the first charter of the restoration of 1882. Boito and the Congress of architects of 1883
3	Patricolo and stylistic restoration in Sicily.
4	Giovannoni and scientific restoration. Brandi and the critical restoration.
4	The restoration papers.
3	Examples of the interpretation of contemporary restoration.

MODULE
THEORY. HISTORY AND DESIGN OF MOVABLE ASSETS RESTORATION

Prof.ssa ZAIRA BARONE

SUGGESTED BIBLIOGRAPHY

Marco Ciatti: Appunti per un manuale di storia e di teoria del restauro. Dispense per gli studenti, con la collaborazione di Francesca Martusciello, Firenze: Edizioni Firenze, 2009.

Cesare Brandi: Teoria del restauro (1963), Torino: Einaudi, 2000; (o altre edizioni).

Paola Furia: Storia del restauro librario dalle origini ai nostri giorni, Milano: Ed. Bibliograf., 1992. -

AMBIT	50683-Metodologie per la conservazione e il restauro
INDIVIDUAL STUDY (Hrs)	102
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EDUCATIONAL OBJECTIVES OF THE MODULE

The course is designed to assure that students receive an adequate grounding in the major theoretical frameworks of contemporary restoration. Historical case studies help to understand how strong restoration theory and practice are connected to other fields like museology, history of taste and history of art criticism.

SYLLABUS

Hrs	Frontal teaching
2	THEORY, HISTORY AND PLANNING OF RESTORATION (MOBILE OBJECTS): FROM ANTIQUITY TO THE PRESENT: In addition to knowledge priorities of technical and material procedures that are essential elements for the training of restorers, it is furthermore indispensable that students have a strong theoretical and historical background, in order to plan consciously restoration projects with a critical ability. Historical case studies and readings of ancient restoration treatises will be the core elements of this course, among the other relevant topics that will be discussed in class are the mobility of objects, the transformations and stylistic stratifications of historical artifacts. The historical survey of this course will be completed by a well-structured discussion of the theoretical frameworks that are relevant in the field of conservation of contemporary art.
3	From antiquity to middle-ages
3	Early modern period: from Renaissance to 18th Century
2	Carlo Maratta painter and restorer.
2	18th Century
2	The "Patina" concept
2	The restoration of ancient statuary. Antiquarian culture and procedures.
2	Pietro Edwards and "public paintings" of Venice
2	Social and institutional changes between 18th and early 19th Centuries. Reflections on restoration culture
3	19th Century: restoration handbooks by Giovanni Secco Suardo and Ulisse Forni
2	The nineteenth century: Giovanni Battista Cavalcaselle.
2	Twentieth Century
4	Cesare Brandi: theory and practice of restoration
2	Roberto Longhi and Mauro Pellicoli
2	The 1966 flood in Florence and its relevance in the field of conservation studies
2	Umberto Baldini as a theoretician of restoration and the intervention in the Brancacci Chapel (Florence).
3	The restoration of contemporary art: theoretical frameworks and case studies
2	Picault, Hacquin and transport on canvas
3	Brief history of mosaic restoration
3	Brief history on restoration of books and archival heritage