



# UNIVERSITÀ DEGLI STUDI DI PALERMO

Department: Physics and Chemistry – Emilio Segrè

A.Y. 2020/2021

## DEGREE COURSE IN CULTURAL HERITAGE CONSERVATION AND RESTORATION - STONE AND DERIVATIVE MATERIALS; DECORATED SURFACES OF ARCHITECTURE

### Characteristics



Class of Master's Degree (MSc) on Conservation and restoration of the cultural heritage (qualifying for the profession, as per Law by Decree N. 42/2004) (LMR/02)



5 YEARS



PALERMO



PLANNED ACCESS



2217

### Educational objectives

The single cycle degree course in Cultural Heritage Conservation and Restoration is held in collaboration with the Regional Department for Cultural Heritage and Identity of Sicily, through the Regional Centre for Design and Restoration. It is designed to train graduates, providing them with profile corresponding to the professional qualification of Restorer of Cultural Heritage, in accordance to the art. 29 of Legislative Decree 42/04 and subsequent amendments in all six ministerial specialisations.

The educational objective is, therefore, to train, in the six curricula, graduates able to work with operational and decision-making autonomy to identify the state of conservation of artefacts, to implement preventive, maintenance and restoration measures, limiting the degradation process of the constituent materials and ensuring their preservation contextualizing the artistic and cultural value of the works.

The training is based on humanistic, scientific and technical subjects and involves the study of artistic techniques in their historical context, of the materials and methods for their knowledge and conservation, and for the control and prevention of the degradation processes. The following criteria underlie the educational programme:

- to give, to the necessary scientific and historical-artistic subjects, an appropriate number of credits;
- to provide enough time to for practical restoration activities, through workshops and practical training in educational yards;
- To limit the number of examinations to the extent permitted by the deep integrated interdisciplinary nature of the degree program, the integrate courses guarantee methodological and cultural consistency.

### Professional opportunities

Universities and public and private research agencies, institutions of the Ministry of Cultural and artistic heritage (superintendence. Museums, libraries, archives, etc.), restoration laboratories, companies and professional organisations in the field of cultural heritage diagnostics, conservation and restoration.

Through the participation to specific Phd Programmes, they may also carry out research activities at Universities and public and private research institutions.

### Final examination features

By passing the final examination, the qualification of Conservator and Restorer of Cultural Heritage is awarded. Therefore, the final examination consists of two parts: the first one is a practical laboratory test, while the second, theoretical-methodological part consists of the discussion of a written paper related to a conservation plan chosen during the practice period and developed independently. Candidates who do not pass the first part of the final examination, might repeat it during the following session. The final examination is public and it is evaluated by a special Board consisting of seven members appointed by the Rector, two members appointed by the Ministry of Cultural Heritage and two members appointed by the Ministry of Education.

Subjects 1 ° year	CFU	Sem.	Val.	SSD	TAF
20677 - ELEMENTS OF ARCHIVAL AND LIBRARY HERITAGE CONSERVATION <i>Russo(PC)</i>	6	1	V	M-STO/08	B
01900 - GENERAL AND INORGANIC CHEMISTRY <i>Pellerito(RU)</i>	6	1	V	CHIM/03	A
03245 - PHYSICS <i>Ciccarello(PA)</i>	6	1	V	FIS/03	A
16640 - LABORATORY 1 - STONY MATERIALS AND DERIVATIVES - DECORATED ARCHITECTURAL SURFACES	20	1	V		F
20691 - ENGLISH LANGUAGE SKILLS - EQUIVALENT TO LEVEL B2	4	1	G		E
16591 - GRAPHIC DESIGN AND DOCUMENTATION <i>Agnello(PA)</i>	6	2	V	ICAR/17	A
01933 - ORGANIC CHEMISTRY <i>Massaro(RD)</i>	6	2	V	CHIM/06	A
16589 - RESTORATION THEORY. HISTORY AND DESIGN	12	2	V		
- THEORY. HISTORY AND DESIGN OF MOVABLE ASSETS RESTORATION <i>Genovese(PC)</i>	6	2		L-ART/04	B
- THEORY. HISTORY AND DESIGN OF REAL ESTATE RESTORATION <i>Tomaselli(PO)</i>	6	2		ICAR/19	B

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Subjects 2 ° year	CFU	Sem.	Val.	SSD	TAF
01844 - CHEMISTRY OF RESTORATION - INTEGRATED COURSE	12	Ann.	V		
- PHYSICAL CHEMISTRY <i>Muratore(RU)</i>	6	1		CHIM/02	B
- CHEMISTRY OF RESTORATION <i>Milioto(PO)</i>	6	2		CHIM/02	C
16594 - CLASSICAL, CHRISTIAN AND MEDIEVAL ARCHAEOLOGY	12	1	V		
- CHRISTIAN AND MEDIEVAL ARCHAEOLOGY <i>Vitale(PA)</i>	6	1		L-ANT/08	A
- CLASSICAL ARCHAEOLOGY <i>Rambaldi(PA)</i>	6	2		L-ANT/07	A
16595 - GEOMATERIALS FOR CULTURAL HERITAGE <i>Montana(PA)</i>	6	1	V	GEO/09	B
16593 - PLANT BIOLOGY FOR THE CULTURAL HERITAGE <i>Alaimo(RU)</i>	6	1	V	BIO/01	A
16641 - LABORATORY 2 - STONY MATERIALS AND DERIVATIVES - DECORATED ARCHITECTURAL SURFACES	20	1	V		F
03324 - ENVIRONMENTAL TECHNICAL PHYSICS <i>Franzitta(PO)</i>	6	2	V	ING-IND/11	B

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Subjects 3 ° year	CFU	Sem.	Val.	SSD	TAF
16598 - CHEMICAL-PHYSICAL RESEARCH METHODOLOGIES <i>Chillura Martino(PO)</i>	6	1	V	CHIM/02	B
06791 - HISTORY OF ARCHITECTURE <i>Sutera(PA)</i>	6	1	V	ICAR/18	B

Legenda: Per. = periodo o semestre, Val. = Valutazione (V=voto, G=giudizio), TAF= Tipologia Attività Formativa (A=base, B=caratterizzante, C=Affine, S=stages, D=a scelta, F=altre)

Subjects 3 ° year	CFU	Sem.	Val.	SSD	TAF
16604 - HISTORY OF MEDIEVAL AND MODERN ART	12	1	V		
- HISTORY OF MEDIEVAL ART <i>Travagliato(PA)</i>	6	1		L-ART/01	A
- HISTORY OF MODERN ART <i>Vitella(PA)</i>	6	2		L-ART/02	A
07068 - MEDIEVAL HISTORY <i>Sardina(PA)</i>	6	1	V	M-STO/01	A
16642 - LABORATORY 3 - STONY MATERIALS AND DERIVATIVES - DECORATED ARCHITECTURAL SURFACES	20	1	V		F
06328 - SCIENCE AND TECHNOLOGY OF MATERIALS	12	Ann.	V		
- MATERIAL ANALYSIS - WORKSHOP <i>Megna(PA)</i>	6	2		ING-IND/22	B
- SCIENCE AND TECHNOLOGY OF MATERIALS <i>Megna(PA)</i>	6	2		ING-IND/22	B

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Subjects 4 ° year	CFU	Sem.	Val.	SSD	TAF
06813 - HISTORY OF CONTEMPORARY ART <i>Costanzo(RD)</i>	6	1	V	L-ART/03	B
05304 - MUSEOLOGY <i>Di Natale(PQ)</i>	6	1	V	L-ART/04	A
16643 - LABORATORY 4 - STONY MATERIALS AND DERIVATIVES - DECORATED ARCHITECTURAL SURFACES	20	1	V		F
16599 - BIOTECHNOLOGIES AND ENTOMOLOGY FOR THE CULTURAL HERITAGE	9	2	V		
- APPLIED ENTOMOLOGY FOR THE CULTURAL HERITAGE <i>Manachini(PA)</i>	3	2		AGR/11	C
- APPLIED MOLECULAR BIOLOGY FOR THE CULTURAL HERITAGE <i>Palla(PA)</i>	6	2		BIO/03	C
04354 - CULTURAL HERITAGE REGULATIONS	6	2	V	IUS/10	B
10239 - NEW MATERIALS FOR RESTORATION <i>Milioto(PO)</i>	6	2	V	CHIM/02	B

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Subjects 5 ° year	CFU	Sem.	Val.	SSD	TAF
16601 - BUSINESS MANAGEMENT	6	1	V	ING-IND/35	B
15422 - CHEMISTRY OF PIGMENTS AND NATURAL SUBSTANCES <i>Bruno(PO)</i>	6	1	V	CHIM/06	A
16600 - HISTORICAL-ARTISTIC RESEARCH METHODOLOGY <i>Auf Der Heyde(PA)</i>	6	1	V	L-ART/04	C
16644 - LABORATORY 4 - STONY MATERIALS AND DERIVATIVES - DECORATED ARCHITECTURAL SURFACES	20	1	V		F
05917 - FINAL EXAMINATION	10	2	G		E
Free subjects	9				D

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## PROPAEDEUTICAL TEACHINGS

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- 01844 - CHEMISTRY OF RESTORATION - INTEGRATED COURSE  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 01933 - ORGANIC CHEMISTRY  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 06328 - SCIENCE AND TECHNOLOGY OF MATERIALS  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 10239 - NEW MATERIALS FOR RESTORATION  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 15422 - CHEMISTRY OF PIGMENTS AND NATURAL SUBSTANCES  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 16595 - GEOMATERIALS FOR CULTURAL HERITAGE  
01900 - GENERAL AND INORGANIC CHEMISTRY
- 16598 - CHEMICAL-PHYSICAL RESEARCH METHODOLOGIES  
01900 - GENERAL AND INORGANIC CHEMISTRY