



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Culture e società
ACADEMIC YEAR	2020/2021
MASTER'S DEGREE (MSC)	HISTORY OF ART
SUBJECT	TOOLS AND METHODS FOR THE DIGITALIZATION AND ENHANCEMENT OF CULTURAL HERITAGE
TYPE OF EDUCATIONAL ACTIVITY	C
AMBIT	21045-Attività formative affini o integrative
CODE	18651
SCIENTIFIC SECTOR(S)	L-ART/04
HEAD PROFESSOR(S)	INTORRE SERGIO Ricercatore a tempo determinato Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	6
INDIVIDUAL STUDY (Hrs)	120
COURSE ACTIVITY (Hrs)	30
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	2° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	INTORRE SERGIO Wednesday 09:30 - 12:00 Edificio 15, III piano, stanza 301

PREREQUISITES	Fundamentals of Art History; ability to use the main desktop publishing software; Fundamentals of Museology and Museography. In the course of the first lessons basic knowledge will be verified through talk.
LEARNING OUTCOMES	<p>Knowledge and ability to understanding: The course is structured so that at the end the student demonstrates technical and methodological competences about the realization of integrated communication solutions for cultural heritage's development.</p> <p>Ability to apply knowledge and understanding: The students, at the end of the course, should possess the ability to apply the acquired knowledges and the abilities in resolving the problems connected to the correct development of artworks and collections, already in a museum and not. Such abilities are developed through seminar activities, personal study, lectures and practices in classroom.</p> <p>Autonomy of judgment: At the end of the course the student is wished to possess the ability to integrate the knowledges in order to determine independent judgments that, besides the reflection on the proposed specific topics, can also well up in the realization of communication solutions for cultural heritage's development.</p> <p>Communication abilities: The student, at the end of the course, will have to demonstrate to communicate in a clear way and lacking in ambiguity the conclusions he has come to, with the corrected oral description of an integrated digital communication project, of the reasons subtended to it, for example the historic-artistic context of the artwork or the collection, the museal context and the project's reference targets to specialist interlocutors and not only in the historical-artistic field, being therefore able to pass from a communication oral or written registry to another. During the practices in classroom, the linguistic abilities of communication and interrelation of the students inside the group will be verified.</p> <p>Ability of learning: The training during the course has to be considered not the arrival point, but only a set of instruments and information that will allow the students to continue the studies in the field by themselves and in an independent way. Therefore, at the end of the course the student will have to know how to realize a museal integrated communication project independently and in an original way, starting from the artwork's digitization until its insertion in an integrated communication platform.</p>
ASSESSMENT METHODS	<p>During the lectures a useful instrument of self assessment for the students, finalized to the awareness of the acquired knowledges, will be represented by a practice, proposed on an experimental level, which will not be considered for the final appraisal. In order to verify the know-how in self assessment, or the application of the acquired knowledges, will be realized an integrated communication project about a cycle of works, a room or the history of one of the main regional museums. This will be discussed in the course of the lectures. The final test will be oral and it will consist in a talk, in which the candidate will have to answer at least three questions, in order to assess the possession of the competences and the disciplinary knowledges scheduled from the course; the appraisal will be expressed in thirtieth. The total final appraisal during the oral test will be obtained by the analysis of the following pointers: - correctness and property in the use of the discipline's technical language (until 10/30) - correct and complete exposure of the knowledges demanded (until 10/30) - ability to critical elaboration of the knowledges (until 10/30).</p> <p>The scope of the questions will cover the topics covered by the program and will contribute to the expected learning outcomes: The work of art between materiality and immateriality; Tools for digitization; Museums and digital communication; Data management; Digitization and enhancement of the BB.CC.; Digital archives and user interface; Presentation tools.</p>
EDUCATIONAL OBJECTIVES	Objective of the course is to relatively supply the contents of the discipline and its method of study, necessary for the scientific-cultural training to the competences in the field of cultural heritage's digitization for its development. Particularly, the course aims to the training of professional figures with specific theoretical-technical and historical-scientific competences in the fields of cultural heritage's digital communication
TEACHING METHODS	Lectures; practices in classroom.
SUGGESTED BIBLIOGRAPHY	Il corso di Strumenti e metodologie per la digitalizzazione e valorizzazione dei BB.CC. tratterà le principali soluzioni per la digitalizzazione dell'opera d'arte, attraverso un'analisi dettagliata dei principali strumenti informatici oggi a disposizione e dei principali metodi di digitalizzazione dei manufatti. Verranno affrontati anche dei case studies per esaminare approfonditamente soluzioni già operative, che daranno modo di apprezzare ogni aspetto del processo di digitalizzazione, finalizzato alla valorizzazione dell'opera d'arte e delle collezioni.

	<p>I testi saranno comunicati dal docente a contratto al momento dell'attribuzione del contratto di insegnamento.</p> <p>Slide del docente; M. Lazzari, Informatica umanistica, II ed., Milano 2014 (eccetto capitoli 6 e 10); A. Miconi, Teorie e pratiche del web, Bologna 2014.</p> <p>Gli studenti che non potessero seguire le lezioni per impedimenti di natura lavorativa potranno eventualmente concordare con il docente un programma alternativo. Egualmente gli iscritti con disabilità potranno eventualmente concordare un programma dedicato.</p> <p>The course will handle the main solutions to digitalize artwork, through a detailed analysis of the main ICT tools and the main methods for artwork's digitalization. Case studies will even be handled to deeply examine solutions already in use. The bibliography will be communicated by the teacher at the time of the teaching contract's assignment.</p> <p>Teacher's slides; M. Lazzari, Informatica umanistica, II ed., Milano 2014 (except chapters 6 and 10); A. Miconi, Teorie e pratiche del web, Bologna 2014.</p> <p>Students unable to attend the lessons due to job reasons can agree an alternative program with the teacher. Likewise, disabled students can arrange a dedicated program</p>
--	--

SYLLABUS

Hrs	Frontal teaching
3	Presentation of the course, its bibliography and its main subjects. Basic skills' checking.
3	Artwork in the age of its digitization
6	Methodologies of artwork's digitization.
6	Databases: management and use
3	Cultural heritage's cataloguing standards
3	Examples of technological solutions for communication of artworks and collections
3	Cultural Identity and Digital Communication
Hrs	Practice
3	Preliminary discussion and verifying the results of the practice about know-how.