Interdisciplinary course of **Enhancement and communication of cultural and territorial heritage**	
DEPARTMENT	Architecture (dArTe)
ACADEMIC YEAR	2024-2025
DEGREE COURSE	Design (L-4)
SUBJECT NAME	Interdisciplinary course of enhancement and communication of cultural and territorial heritage Module: DESIGN MODELS FOR SMART CITIES Module: HERITAGE, CONSERVATION AND DESIGN
KIND OF ACTIVITY	Related and integrative
DISCIPLINARY FIELD	Disciplines of civil engineering and architecture
SUBJECT CODE	
SCIENTIFIC DISCIPLINARY SECTORS	ICAR/21 – ICAR/19
RESPONSIBLE TEACHER	Concetta FALLANCA
OTHER TEACHERS	Antonio TACCONE …………………………..
ECTS	12 credits in total 6 ECTS Module 1 6 ECTS Module 2
HOURS RESERVED FOR PERSONAL STUDY (NUMBER)	180 hours
HOURS RESERVED FOR EDUCATIONAL ACTIVITIES ASSISTED (NUMBER)	120 hours, 96 frontal and 24 assisted teaching
TYPE OF TEACHING	Traditional, laboratory
PROPEDEUTICS	No
MUTUATIONS	No
COURSE YEAR	Second
SEMESTER	II semester
FREQUENCY MODE	Mandatory, with the possibility of creating specific training contracts with working students also with the use of *blend methods.*
TYPE OF EVALIATION	Out of thirty
RECEPTION HOURS FOR STUDENTS	

PREREQUISITES	Nobody
GENERAL TRAINING OBJECTIVES	The interdisciplinary course of Enhancement and communication of cultural and territorial heritage is aimed at providing students attending the second year of the Degree Course in Design (L-4) with a cultural reference base on the great themes of Urban Design and enhancement and communication of Cultural Heritage, through observations, interpretative descriptions and design propositions in the form of illustrated guidelines for the design of healthy and inclusive urban spaces. The contents of the course will concern the project for the transformation of urban space and the enhancement of cultural heritage by addressing its multiple characteristics, with

	particular attention to the new definitions of smart, creative and sustainable urban planning. Furthermore, the themes of heritage enhancement will be explored, with a multidisciplinary approach, identifying the possible contributions of Design within the project, referring in particular to the development of innovative strategies for a renewed strategic role towards the local economy .
SPECIFIC EDUCATIONAL OBJECTIVES EXPECTED LEARNING OUTCOMES	*Knowledge and understanding* Students will have to demonstrate that they have acquired knowledge and understanding in the Urban Design sectors and that they have acquired knowledge and skills such as to be able to develop, through the development of original ideas and in a research context, a design exercise. *Ability to apply knowledge and understanding / Applying knowledge and understanding* Students will have to demonstrate that they know how to apply their knowledge and understanding skills in order to apply a methodologically correct approach in the exercise phase, and that they possess adequate skills both to devise and support arguments and solve problems in their field of study, and to have the ability to conceive, design and implement a research process. *Autonomy of judgment / Making judgments* Students will have to demonstrate that they have the ability to integrate knowledge and manage complexity, as well as to formulate judgments based on limited or incomplete information, including reflection on the social and ethical responsibilities associated with the application of their knowledge and judgments. *Communication skills / Communication skills* Students will have to demonstrate the ability to communicate information, ideas, problems and solutions in a clear and pertinent way. *Learning skills* Students will have to demonstrate that they have developed those learning skills that are necessary for them to undertake further studies with a high degree of autonomy.
TEACHING ORGANIZATION	In developing the contents of the course, which will take place in laboratory mode, the students will be engaged in a series of experiments during which, on the basis of the readings of the best and most recent "best practices" of urban design in the Italian , European *and international* scene , project proposals will

	be achieved for an innovative urban development through the construction of scenarios, models and planning and design procedures that will affect urban spaces and specific areas suitably chosen. The design experience will also be aimed at putting the acquired knowledge into practice and making people understand the problems and opportunities associated with the conception of new products and services in the field of Cultural Heritage.
RECOMMENDED TEXTS	1. Larcher, Claudio, e Valentina Dalla Costa, a. c. di. *Disegnare un cucchiaio per cambiare la città*. Prima edizione. NABA insights. Macerata: Quodlibet, 2020. 2. Maeda, John. *Le leggi della semplicità*. Milano: Bruno Mondadori, 2006 3. Potter, Norman. Cos'è un designer: A cura di M. Rainò: Traduttore S. Orrao, Codice Ed, aprile 2019 4. F. Irace, G.L. Ciagà, E. Lupo, R. Trocchianesi (a cura di), Design & Cultural Heritage, Electa, Milano 2013. 5. P. Daverio, V. Trapani (a cura di), Il design dei beni culturali. Crisi, territorio, identità, Rizzoli, Milano 2013.
ASSESSMENT METHOD	The course includes the verification of the contents addressed during the lessons and studied in depth in the texts indicated in the bibliography. This verification of learning consists of a multiple choice questionnaire, as well as the verification of the outcome of the design application path. To access the exam, students must obtain a certificate certifying attendance of at least 70% of the scheduled lessons and must successfully comply with the scheduled deadlines. The exam will focus on the contents of the module, on the topics of interest for in-depth study and on the design application experience.
OTHER INFORMATION	For particular categories of students (workers, part-time or with special needs) there is the possibility, through a specific training agreement, to operate with a particular form of blended learning *in* virtual classes, using the mailing list of the module on the dedicated teacher page.

PROGRAM
Module 1

Generalities : The module *Design models for Smart Cities* is aimed at providing students attending the second year of the Degree Course in Design (L-4) with a cultural reference base on the great themes of Urban Design, through observations, interpretative descriptions and design propositions in the form of guidelines illustrated for the design of healthy and inclusive urban spaces. The themes of *form* , *functionality* , *beauty* for urban quality will be illustrated and a proactive vision of innovative urban policies relating to *urban design* for cities or their parts will be set up, highlighting principles and examples to be applied locally starting from a careful analysis of the context	

Lessons	HOURS
Topics (at a glance): - Form, functionality, beauty for urban quality - Urban design and figure of the urban designer - The laws of simplicity - Living in the city and city for people - Tools for the Urban Ecological Network - Soft mobility , art and water in the city - Urban geographies and new forms of design - Celebrated urban stories and identity design	36
Tutorials	HOURS
Experimental application through a significant case study to offer considerations on a topic, observations and descriptions, interpretation, food for thought, design propositions and conception of new products and services.	12
Other	HOURS
Assisted teaching	12
TOTAL	**60**