



POLITECNICO
MILANO 1863

**SCUOLA DI
ARCHITETTURA
URBANISTICA
INGEGNERIA DELLE COSTRUZIONI**

**Attribuzione crediti formativi
per Workshop – Workshop tirocinanti
Workshop accreditation request**

Docente Responsabile/ Reference Professor	Antonella Contin
Docente proponente/ <i>Proposing professor</i>	Antonella Contin Ed Wall (Greenwich University) Paolo Scrivano Giuliana Iannacone Alessandro Biamonti Ingrid Paoletti
Corso di Studio proponente/ <i>Proposing study programme</i>	Progettazione dell'Architettura Building and Architectural Engineering Diegno Industriale
Altri docenti/ <i>other professors involved</i>	Giovanni Santamaria (NYIT), Marcella Del Signore (NYIT)
Titolo dell'iniziativa/ <i>Title</i>	New York – Making City
Tipologia/ <i>type</i>	Workshop
Lingua di erogazione/ <i>language</i>	Inglese
ore previste/ <i>expected duration-hours</i>	In presenza/ <i>in presence</i> : 80 Lavoro autonomo/ <i>independent work</i> : 20
periodo di svolgimento/ <i>workshop period</i>	28.03.2023 07.04.2023
sede di svolgimento/ <i>location</i>	NYIT _ New York

<p>breve descrizione/<i>brief</i> <i>description</i></p>	<p>Politecnico di Milano and NYIT's professors will guide students toward the city case study in New York. We will study and design the green-grey transect from Jamaica bay to Flushing bay, and we will focus on the Jamaica station area as the central network node. Along that landscape section, inhabiting is possible only through a balanced and efficient use of resources. We will work at three different scales: metropolitan, neighbour, and buildings. Funded analysis, interpretation and design tools must be rethought and renewed at the new metropolitan scale, which is multiple. The local scale must be set concerning more comprehensive scenarios.</p> <p>Topics.</p> <p>1) New contents have to be introduced through the conceptualisation of new landscapes, even thanks to the opportunities given by new technologies. We will deal with the metropolis as heritage, that is, what the system of places we call metropolis will leave to future generations. We will explore which ecosystem service value we attribute to that part of the metropolitan city that lies between the infrastructures, which we still find difficult to conceptualise as a green area, open space, but is no more extended agriculture nor garden, and nature. The question is how a park can substitute the symbolic values of a traditional public space.</p> <p>2) Inclusion can be understood in a broader sense involving not only race, origin, religion, and economic status; it can also be related to health status or physical and intellectual inequalities, and disabilities of any level to overcome stigma-related problems. Inside this framework, different types of vulnerability and design approach towards the condition of overcoming the stigma of certain fragile city user will be explored. From developing new urban and residential policies, we must meet unique needs to inclusive cultural projects, from studies and evaluations on assistive, domotic and AI technologies to sports and training projects.</p> <p>3) The processes of transforming the built environment, involving both the design of new buildings and the rehabilitation of existing ones, which increasingly emphasise the reduction of consumption of resources, energy and materials, must consider the multiple interactions between buildings and their context. This means introducing methods of systemic thinking capable of capturing the complexity of the relationships between the three pillars of sustainable development (society, environment, economy) that occur in the built environment at the area of their intersection. When considering innovative strategies and technological solutions for the decarbonisation of the building sector, the regeneration of local ecosystems and, therefore, the adoption of nature-positive approaches should be taken into account as complementary challenges to generate positive impacts not only for the natural and built environment but also for people's well-being and health.</p> <p>4) Defining a project in balance with resources, nature, and material culture, to restore 'meaning' to the materiality of the things we interact with daily and blurring the categories of natural and artificial, physical and digital, human and environment, using the information we possess today to confront our community for a new form of activism.</p>
<p>Parole chiave/<i>key words</i></p>	<p>Metropolis, Green-Grey infrastructure, vulnerability, inclusive cultural projects, technologies, zero-emission buildings.</p>

Eventuali pre-requisiti di conoscenza e abilità richieste/ <i>requested knowledge and skills, if any</i>	English Language	
Numero Massimo di studenti/ <i>maximum number of students</i>	40	
Destinatari / <i>recipients</i>	Undergraduate, Master Students	
Criteri di selezione, se previsti/ <i>selection criteria, if any</i>		
contatti / <i>contacts</i>	antonella.contin@polimi.it	tel. 348784260 / 02 2399 2557
website		
Note/ <i>notes</i>	Students will cover the host institution's costs for compulsory local insurance and logistics services of \$450 per student for the exchange period.	

Si ricorda che l'eventuale approvazione del Workshop comporta un successivo momento di valutazione delle attività previste relativamente alle procedure di Sicurezza in uso al Politecnico di Milano da condursi in collaborazione con il Responsabile della Sicurezza del dipartimento di afferenza.

Indicare il Corso di Studio proponente e gli altri Corsi di Studio ai quali è rivolta l'attività e per i quali è possibile riconoscere i crediti – *Indicate the proposing Study Programme and the other Study Programmes to which the activity is addressed and from which it is possible to give credits*

CdL	LAUREE TRIENNALI/BSc	VALIDO PER/ Valid for
L23	INGEGNERIA EDILE E DELLE COSTRUZIONI	x
L17	PROGETTAZIONE DELL'ARCHITETTURA	x
L21	URBANISTICA: CITTA' AMBIENTE PAESAGGIO	x

CdL	LAUREE MAGISTRALI E CICLO UNICO/MSc and 5 year single cycle degree	VALIDO PER/ Valid for
LM 4/ CU	INGEGNERIA EDILE-ARCHITETTURA/BUILDING ENGINEERING- ARCHITECTURE	x
LM4	ARCHITECTURAL DESIGN AND HISTORY	x
LM4	ARCHITETTURA - ARCHITETTURA DELLE COSTRUZIONI/ BUILDING ARCHITECTURE	x
LM4	ARCHITETTURA - AMBIENTE COSTRUITO - INTERNI - ARCHITECTURE - BUILT ENVIRONMENT - INTERIORS	x
LM4	ARCHITETTURA E DISEGNO URBANO - ARCHITECTURE AND URBAN DESIGN	x
LM4	SUSTAINABLE ARCHITECTURE AND LANDSCAPE DESIGN - ARCHITETTURA SOSTENIBILE E PROGETTO DEL PAESAGGIO	x
LM24	BUILDING AND ARCHITECTURAL ENGINEERING	x
LM24	INGEGNERIA DEI SISTEMI EDILIZI	
LM24	MANAGEMENT OF BUILT ENVIRONMENT	

LM48	URBAN PLANNING AND POLICY DESIGN - PIANIFICAZIONE URBANA E POLITICHE TERRITORIALI	
LM3	LANDSCAPE ARCHITECTURE. LAND LANDSCAPE HERITAGE	x

La Giunta di Scuola, vista la proposta di workshop presentata attribuisce numero e tipologia dei seguenti crediti formativi/*the School Council, having examined the request, accredits the activity for the following number of credits:*

n. crediti /credits	4	Equivalenti ad attività a libera scelta/equivalent to elective course per corsi AUIC/ARCH
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oppure

n. crediti /credits	3	Equivalenti al tirocinio/equivalent to internship per corsi AUIC/ING
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