

Session:

March 2023

Institution:

Politecnico di Milano

Course location:

Politecnico di Milano

Course address:

Politecnico di Milano, campus Leonardo, p.zza Leonardo Da Vinci 32, Milano
Milan

Course takes place:

on-site

Will switch to 'online' if necessary: (to be confirmed)

Yes

Course title:

Global Warming and Ecological Milan! 10th edition

Type of course:

Classic ATHENS course

Course code:

POLI37

Minimum year of study:

3

Language of tuition:

English

Prerequisites:

course for Architects, designers, and creative thinkers
REQUIRED graphic skills and critical thinking

Objectives:

Every catastrophe could be also considered positively as an opportunity, to learn from, enjoy its anticipation and live through if the society is ready for. Today, it is inevitable that every city around the world has to face directly or indirectly the 21st-century impact of global warming. Milan maybe may not seem to be in the front line, yet, it has all potentials to become one of the frontiers of resilience.

The course will analyze the main parameters of global warming and Milan case reactions and anticipations, in both public and institutional levels. As all collective and individual decisions and actions, fashionable or modest count, Milan case will be explored from diverse and cross disciplinary point of views. The course will criticize in specific the evolution of last 15 years of Milan toward resilience scenarios especially during covid-19 pandemic and post pandemic period.

The student will work on a short research (visual and/or textual) essay to be agreed with the professor. The subject will be related to contemporary Milan response to global warming, with a specific focus on daily routines. It will include research, images and short movies. The evaluation will consider the layout quality of the research work.

The student will conceptualize a critical reflection and the hypothesis of target group(s). The steps of investigation and documentation on will be planned in advance with the professor. The student will represent, through graphic work, the outcomes of the research essay. Graphic and scientific quality will also be considered in the evaluation of the work.

Programme to be followed:

Draft of daily schedule:

Day 1. Monday:

9:30: Meeting in our classroom
10:00 – 11:00 introduction lecture
11:00 – 11:30 group making
11:30 – 13:00 group work/brainstorming
13:00 – 14:00 lunch break
14:30 – visit to Milan

Day 2. Tuesday:

09:30 – 12:00 – group work, data collection
12:00 – 13:30 – reviews
13:30 – 14:30 – lunch break
14:30 – 17:30 – site visit by groups
17:30 – 19:30 – reviews on site

Day 3. Wednesday:

10:00 – 11:00 – lecture and discussion
11:30 – 12:00 – group work
12:00 – 13:30 – intermediate presentation
13:30 – 14:30 – lunch break
14:30 – 19:30 – group work and reviews

Day 4. Thursday:

09:30 – 13:30 – group work or site revisit
13:30 – 14:30 – lunch break
14:30 – 19:30 – group work and reviews

Day 5. Friday:

09:30 – 13:00 – group work
13:30 – 14:30 – lunch break
14:30 – 17:00 – group work for final presentation
17:00 – 19:30 – final presentation and the conclusion of workshop

Debates:

Global warming issues and concerns
20th century Milan
Global warming concerns
Green Milan
Sustainability and resilience
Global warming and daily life
Milan Architecture and Global warming
Milan Architects and Global warming
Milan activists and Global warming
Specific interview

Bibliography:

"Think like a forest. Diluting the boundaries between nature and city", *ZARCH: Journal of interdisciplinary studies in Architecture and Urbanism*, 14 (June 2020): 14-31. digital version: 2387-0346. https://doi.org/10.26754/ojs_zarch/zarch.2020144441

"Eat the City" in *Ecoweek: the Book #1: 50 Voices for Sustainability*, ed. E. Messinas & D. Price, Athens: Ecoweek.Org, 2017.

Elizabeth Kolbert, *The Sixth Extinction. An Unnatural History*, London: Bloomsbury, 2014.

Richard Ingersoll, "The Ecology Question and Architecture", in *The SAGE Handbook of Architectural Theory*, London: 2012.

Peter Calthorpe, *Urbanism in the Age of Climate Change*, Washington: Island Press, 2011.

Paul Hawken, Amory Lovins, L. Hunter Lovins, *Natural Capitalism: Creating the Next Industrial Revolution*, Boston: Little, Brown and Company, 1999.

Further readings will be given according to the chosen research.

Course exam:

The students will present the outcomes of their research essay. Graphic and scientific quality will also be considered in the evaluation of the work as well as the effectiveness of their research communication/presentation.

Professor responsible:

Paolo SCRIVANO (paolo.scrivano@polimi.it)

Participating professors:

Arian HEIDARI AFSHARI (arian.heidari@polimi.it)

Categories:

Architecture and town planning

Environmental sciences

Sociology and cultural studies

Philosophy and ethics