

## ***POLI37***

### ***Global warming and post-expo Milan!***

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### ***Global warming and post-expo Milan***

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 21<sup>st</sup> 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 post-expo 2015 Milan toward resilience scenarios.

The student will work on a short research essay to be agreed with the professor. The subject will be related to post-expo 2015 Milan response to global warming, with a specific focus on daily routines. It will include research and images. 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 quality will be considered in the evaluation of the work.

<i>Course code</i>	<b>POLI37</b>
<i>Course title</i>	<b>Global warming and Milan!</b>
<i>Institution</i>	Politecnico di Milano
<i>Course address</i>	Piazza Leonardo da Vinci
<i>City</i>	MILANO
<i>Minimum year of study</i>	3rd year
<i>Minimum level of English</i>	Fair
<i>Minimum level of French</i>	None
<i>Key words</i>	
<i>Language</i>	English
<i>Professor responsible</i>	Carlo Barrese
<i>Telephone</i>	
<i>Fax</i>	
<i>Email</i>	DOUBLEDEGREES@POLIMI.IT

*Number of places*  
*Objectives*

Minimum: 10, Maximum: 20, Reserved for local students:  
Global warming impact and its anticipation in post-expo Milan.

The course will analyze the main parameters of global warming and Milan case reactions and anticipations, in both public and institutional levels. The course will criticize in specific the evolution of post-expo 2015 Milan toward resilience scenarios.

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*Program to be followed*

COURSE PROGRAMME:

Presentation of the course  
Global warming issues and concerns  
Global or local warming?  
Chronological case history of global warming in Europe and Italy  
20<sup>th</sup> century Milan  
Expo 2015 and global warming concerns  
Green Milan  
Co<sub>2</sub> footprint  
Global warming and daily life  
Global warming; fashion or reality  
Milan Companies and Global warming  
Milan Architecture and Global warming  
Milan Architects and Global warming  
Milan activists and Global warming  
Specific interview

BIBLIOGRAPHY

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

David H. Haney, When Modern was Green. Life and Work of Landscape Architect Leberecht Migge, London: Routedge, 2010.

Richard Ingersoll, "A Post-Apocalyptic View of Ecology and Design", by the President and Fellows of Harvard College, 2003.

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 the chosen research.

*Prerequisites*

PLEASE NOTE:

Course for Architects, designers and creative thinkers

REQUIRED graphic skills, video practice

*Course exam*

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 trough graphic work the outcomes of the research essay. Graphic quality will be considered in the evaluation of the work.