

AAF1902 LINGUA INGLESE B2 3 CFU

29903-INGEGNERIA CIVILE [L-270 - ORDIN. 2019] - L-7

aka

“B2 - Engineering Urban Environments”

An advanced level lecture course conducted entirely in English by Architect Tom Rankin (BA, Princeton, MArch Harvard), for students of architectural engineering.

Schedule

Saturdays 9:00 Via Eudossiana, 18 Roma (Aula 20)

First meeting: Saturday 17 November 2018

Continues from 19 January 2019 until 11 May 2019

Course Programme

This intensive advanced-level course examines issues of environmental sustainability in architecture, landscape design and urban planning. Material based on decades-long experience in sustainable design in the US and Europe will be presented in lectures and laboratories. Content will be drawn in particular from the disciplines of Architecture, Urban Design and Environmental Studies. Students will be expected to come with an upper intermediate language level (B2) and participate actively in the class activities.

Each lesson will introduce concepts and solutions from global architecture, landscape design and urban planning theory and practice. Students will also be expected to read short texts on architectural and urban theory from the bibliography below. Readings will be made available digitally.

Bibliography

Alexander, Christopher. Notes on the Synthesis of Form. Cambridge, MA: Harvard University Press. 1964. extracts

Howard, Ebenezer. Garden Cities of Tomorrow. 1898. Reprinted by Cambridge, MA: MIT Press. 1965.

Frampton, Kenneth; 1998. "Towards a critical regionalism: six points for an Architecture of Resistance" in Foster, Hal ed. The Anti-Aesthetic: essays on postmodern culture. The New Press: New York; 17-34. extracts

McDonough, William and Michael Braungart. Cradle to Cradle: Remaking the Way We Make Things. New York: North Point Press, 2002. extracts

Ratti, Carlo and Matthew Claudel. The City of Tomorrow: Sensors, Networks, Hackers, and the Future of Urban Life. New Haven: Yale University Press, 2016 extracts

Calendar

2 March

Ebenezer Howard, Garden Cities of Tomorrow to Douglas Rushkoff, Life, Inc., Team Human

9 March

Lewis Mumford, Jane Jacobs/ New York City in the 60s-70s
William H. Whyte, The Social Life of Small Urban Spaces
Donella Meadows, Club of Rome et. al. "The Limits to Growth"

16 March

Richard Rogers/ Cities for a Small Planet
Moshe Safdie, The City After the Automobile

23 March

D'Arcy Thompson. On Growth and Form
Ian McHarg. Design with Nature

30 March

Visionary Urbanism
Paolo Soleri, Arcosanti

6 April

Critical Regionalism
Kenneth Frampton. "Towards a critical regionalism: six points for an Architecture of Resistance"

13 April

TEVERE PULITO EVENT

20 April

Carlo Ratti and Matthew Claudel. The City of Tomorrow: Sensors, Networks, Hackers, and the Future of Urban Life.

27 April

Presentations Workshop

4 May: No Lesson (TEDx Roma)

11 May Student Presentations

18 May Student Presentations
END of COURSE