



4.00 credits	45.0 h	Q1
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Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	Continuous evaluation during the course and final evaluation on the basis of an analysis notebook (carried out individually or in groups of 2 to 3 students) that include a critical reading of a bibliography of the student's choice.
Teaching methods	The course is given in a lecture mode by the teaching team, and includes sessions dedicated to practical issues that can lead to field trips, specific exercises, more technical explanations (use of software or specific analysis techniques), and critiques of the work proposed for evaluation. With a view to capitalising on the work, the priority references for the latter are the territories explored in the workshops of the various training programmes followed by the students. The holder(s) will be likely to invite external speakers to certain sessions. They may, if necessary, participate in the evaluation.
Content	Theories and tools of representation of the territory; Methods of analysis of urban structures and territory in situations of compact and diffuse urbanisation (urban surveys; typo-morphological analysis; historical reading; analysis of territorial urban structures); Methods of analysis of landscape structures (environmental analysis; landscape ecology, landscape urbanism); other methods of analysis overview (participatory mapping; big data)

Bibliography	<p>Banham, R., 1971, <i>Los Angeles: The Architecture of Four Ecologies</i>, Harper&Row Publishers, New York</p> <p>Belanger P. (ed), 2011, "Landscape Infrastructure Primer", DVD, fall semester 2011, Harvard Graduate School of Design</p> <p>Burklin T., Peterek M., 2008, <i>Morphologie Urbaine</i>, Birkhauser, Basel, Boston, Berlin</p> <p>Corboz, A., 1993, <i>Atlas du territoire genevois permanences et modifications cadastrales aux XIXe et XXe siecles</i>. Georg, Che#ne-Bourg, Gene#ve.</p> <p>Corboz A., 2001, <i>Le Territoire Comme Palimpseste et Autres Essais</i>, Collection Tranches de Villes. Editions de l'Imprimeur, Besançon.</p> <p>Corner J. (ed), 1999, <i>Recovering Landscape: Essays in Contemporary Landscape Theory</i>, Princeton Architectural Press</p> <p>Corner, J., 1999. "The Agency of Mapping: Speculation, Critique and Invention", in: Cosgrove D. (ed) <i>Mappings</i>, Reaktion Books, London, p.213</p> <p>Corner J., McLean A., 1996, <i>Taking Measures Across the American Landscape</i>, Yale University Press</p> <p>Da Cunha D., Mathur A., 2001, <i>Mississippi Floods</i>, Yale university Press, New Haven</p> <p>Forman, R.T.T., Godron, M., 1986. <i>Landscape ecology</i>. Wiley, New York.</p> <p>Forman R.T.T., 1995, <i>Land Mosaic. The Ecology of Landscapes and Regions</i>, Cambridge University Press</p> <p>Gandelsonas, M., 1991, <i>The urban text</i>, MIT Press, Cambridge, US</p> <p>Geddes P., 1915, <i>Cities in Evolution</i>, Williams & Norgate, London</p> <p>Jackson J.B., 1984, <i>Discovering the Vernacular Landscape</i>, Yale University Press</p> <p>Lynch K., 1972, <i>What time is this place</i>, MIT Press, Cambridge, US Mc Hargh I., 1969, <i>Design with nature</i>, Natural History press, Philadelphia</p> <p>McHargh, 1969, <i>Design with Nature</i>, Wiley and Sons, New York.</p> <p>MacKaye B., 1928, <i>The New Exploration: A Philosophy of Regional Planning</i>, Harcourt, Brace</p> <p>Marot, S., 1995, "L'alternative du paysage". <i>Le visiteur</i>, Automne 1(54)</p> <p>Mostafavi M., Doherty G. (eds), 2010 <i>Ecological Urbanism</i>, Lars Müller Publishers, Harvard University Press, US</p> <p>Muratori S., 1960, <i>Studi per un'operante storia di Venezia</i>, Roma, Istituto poligrafico dello Stato, Libreria dello Stato</p> <p>Koolhaas, 1978, <i>Delirious New York: A Retroactive Manifesto for Manhattan</i>, Oxford University Press, UK</p> <p>Panerai, P., Castex, J., Depaule, J.-C., 1997. <i>Formes urbaines: de l'ilot a# la barre</i>, Collection Eupalinos Serie Architecture et urbanisme. E#d. Parentheses, Marseille.</p> <p>Rowe C., 1978, <i>Collage City</i>, MIT Press, Cambridge, US</p> <p>Secchi B., 2000, <i>Prima lezione di urbanistica</i>, Laterza, Roma Bari [french edition: 2006, <i>Première leçon d'urbanisme</i>, Éditions Parenthèses, Marseille]</p> <p>Venturi, R., Scott Brown, D., Izenour, S., 1972. <i>Learning from Las Vegas: the forgotten symbolism of architectural form</i>, 17th print. ed. The MIT Press, Cambridge, Mass.</p> <p>Viganò P., 2010, <i>I territori dell'urbanistica. Il progetto come produttore di conoscenza</i>, Officina Edizioni, Roma [french edition: 2016, <i>Les territoires de l'urbanisme. Le projet comme producteur de connaissance</i>, MetisPresses, Geneva]</p> <p>Waldheim C. (ed), 2005, <i>The Landscape Urbanism Reader</i>, Princeton Architectural Press, US</p> <p>Waldheim C, Doherty G. (eds), 2015, <i>Is Landscape...?: Essays on the Identity of Landscape</i>, Routledge, UK</p> <p>Wolff J., 2003, <i>Delta Primer. A field guide to the California Delta</i>, William Stout Publishers, San Francisco</p>
Other infos	english friendly
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Advanced Master in Town and Country Planning	URBA2MC	4		
Master [120] in Architecture and Engineering	ARCH2M	4		
Master [120] en urbanisme et développement territorial	URBA2M	4		