

9.00 credits

80.0 h

Q1

Teacher(s)	Altomonte Sergio ;Stephan André ;Van Moeseke Geoffrey ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	

Bibliography

**Lectures recommandées**

*Méthodes de recherche*

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*Principes de conception environnementale*

- Brown, G.Z., Dekay, M. (2000). *Sun, Wind and Light*. John Wiley and Sons Ltd: New York.
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*Simulation des performances du bâtiment*

- Anderson, K. (2014). *Design energy simulation for architects: guide to 3D graphics*. Routledge: New York.
- Hensen, J.L.M., Lamberts, R. (Editors) 2019. *Building Performance Simulation for Design and Operation*. 2nd Edition. Routledge: London.
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*Études de cas*

- Baird, J. (2010). *Sustainable Buildings in Practice. What the Users Think*. Routledge: Oxon.
- Edwards, B.W., Naboni, E. (2013). *Green Buildings Pay. Design, Productivity and Ecology*. Routledge: Oxon.
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**Autres références**

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- Altomonte, S., Saadouni, S., Kent, M., Schiavon, S. (2017). Satisfaction with indoor environmental quality in BREEAM and non-BREEAM rated office buildings. *Architectural Science Review* , 60(4): 343-355.
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- Stephan, A. & Athanassiadis, A. (2017). Quantifying and mapping embodied environmental requirements of urban

Faculty or entity in charge	LOCI
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<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Civil Engineering	GCE2M	9		
Master [120] in Architecture and Engineering	ARCH2M	9		