

2.0 credits	22.5 h	2q	This biannual course is taught on years 2010-2011, 2012-2013, ...

Teacher(s) :	Bodart Magali ; Gratia Elisabeth ; De Herde André (coordinator) ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>Part A</p> <p>Background and theories of climate-adapted architecture Sustainable development</p> <p>Part B</p> <p>Advanced heating and cooling systems of buildings Relation between climate-adapted architecture and special building techniques Principles of energetic design in view of the type of building and the type of occupancy, including heat recovery techniques (winter) and natural cooling of buildings (summer) Models of simulation calculations</p> <p>Examples (part A and part B) Research (part A and part B)</p> <p>The course is taught in French</p>
Aims :	<p>Part A - Architecture and sustainable development - critical analysis of architecture in the sustainable development context, using written texts and examples</p> <p>Part B - Advanced special techniques: energetic design of technical installations in relation to energetic design of buildings</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Other infos :	Physics course applied to building II: special techniques
Cycle and year of study :	<p>> Master [120] in Architecture and Engineering</p> <p>> Master [120] in Civil Engineering</p> <p>> Master [120] in Mechanical Engineering</p>
Faculty or entity in charge:	LOCI