

3.0 credits	22.5 h	2q	This biannual course is taught on years 2014-2015, 2016-2017, ...

Teacher(s) :	Trachte Sophie ; Bodart Magali ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Part A Background and theories of climate-adapted architecture Sustainable development Part B 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 Examples (part A and part B) Research (part A and part B) The course is taught in French
Aims :	Part A - Architecture and sustainable development - critical analysis of architecture in the sustainable development context, using written texts and examples Part B - Advanced special techniques: energetic design of technical installations in relation to energetic design of buildings <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>
Faculty or entity in charge:	LOCI

<b>Programmes / formations proposant cette unité d'enseignement (UE)</b>				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Architecture and Engineering	ARCH2M	3	-	