

Teacher(s)	Vanderstraeten Pierre ;
Language :	French > English-friendly
Place of the course	Bruxelles Saint-Gilles
Main themes	<p>This course builds on knowledge already covered in the Bachelor's degree.</p> <ul style="list-style-type: none"> <li>• the relationships between town planning (imagined and applied) and urbanisation (produced)</li> <li>• the relationships between geography, networks and urban forms</li> <li>• the relationships between regions and social cohesion</li> <li>• the relationships between town planning and natural and landscape resources</li> <li>• the forms of interaction : economic arguments, stakeholder systems, political decision making</li> </ul>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p><b>Specific learning outcomes:</b> By the end of this course, students are able to</p> <ul style="list-style-type: none"> <li>• recognise and understand the models and theories which inform the way in which we look at urbanised regions.</li> <li>• analyse a complex construction situation             <ul style="list-style-type: none"> <li>- by referring to its structural elements (topic 2), the underlying theoretical and political models (topics 1 and 4)</li> <li>- by making hypotheses on the technical, social and economic interactions which have produced it (topics 3 and 5).</li> </ul> </li> <li>• contribute to the collective formulation of planning projects, understanding the issues for each of the players and being familiar with the general processes of development planning.</li> </ul> <p><b>Contribution to the learning outcomes reference network:</b></p> <p><b>Build knowledge of architecture</b></p> <ul style="list-style-type: none"> <li>• Be familiar with and analyse the discipline's basic references</li> <li>• Develop knowledge and become an active participant in the learning process</li> </ul> <p><b>Place the action</b></p> <p>1</p> <ul style="list-style-type: none"> <li>• Recognise, observe and produce critical assessments of the targeted environments and contexts</li> <li>• Identify and analyse the paradigms on which the study is based according to various given methods and starting from various points of view</li> <li>• Formulate questions relating to the development of the context being studied to make working hypotheses</li> </ul> <p><b>Make use of other subjects</b></p> <ul style="list-style-type: none"> <li>• Seek out other approaches, exchanges of views and ways of enhancing thinking about architecture</li> <li>• Make strategic use of other subjects to put into question the design and implementation of an architectural project</li> </ul> <p><b>Express an architectural procedure</b></p> <ul style="list-style-type: none"> <li>• Express ideas clearly in oral, graphic and written form</li> </ul> <p><b>Adopt a professional attitude</b></p> <ul style="list-style-type: none"> <li>• Act as an independent player able to understand the framework of his/her mission, and the responsibilities towards third parties as well as his/her legal obligations</li> </ul> <p><b>Make committed choices</b></p> <ul style="list-style-type: none"> <li>• Activate and develop an ethical sense through approaches to architecture</li> <li>• Develop awareness of the political meaning of the work of an architect and his/her responsibility towards society</li> </ul>

<p>Content</p>	<p>The course of 'Architecture, city and territory: theories and methods of urbanism' constitutes the last course of this area of knowledge.</p> <p>It is organized in thematic work sessions aiming at the production of an analysis of a territory faced to contemporary development challenges. Each session includes a theoretical and a methodological framework and also an applied exercise. They lead the students working in teams to the achievement of a booklet A3 which synthesizes all approaches and reflections and which is delivered during the January exam session. The presentations and the exercises successively approach the 6 following topics :</p> <ul style="list-style-type: none"> <li>• Political ambition and planning.</li> <li>• Activities of the city and logics of location.</li> <li>• Living together at different scales.</li> <li>• Mobility of goods, people and informations.</li> <li>• Natural environment and landscape.</li> <li>• Future-oriented scenarios based on the 'Twin tracks' model.</li> </ul> <p>Insofar as learning to read a practice site will be developed in the course of architecture, links can be usefully drawn between the two courses.</p>
<p>Bibliography</p>	<ul style="list-style-type: none"> <li>• BARTON H., GRANT M., GUISE R., 2003, <i>Shaping neighbourhoods, a guide for health, sustainability and vitality</i>, ed. Spon Press.</li> <li>• CARMONA M., HEATH T., OC T., TIESDELL S., 2003, <i>Public places – Urban spaces: the dimensions of urban design</i>, ed. Architectural Press.</li> <li>• CULLEN G., 1961, <i>The concise townscape</i>, ed. Architectural Press.</li> <li>• DONZELOT J., MONGIN O., 2004, <i>La ville à trois vitesses: gentrification, relégation, périurbanisation</i>, revue Esprit, n°303.</li> <li>• FREY H., 1999, <i>Designing the city ; towards a more sustainable urban form</i>, ed. E &amp; FN Spon.</li> <li>• GEHL J., SVARRE B., 2013, <i>How to study public life</i>, ed. Island press.</li> <li>• HILLIER B., HANSON J., 1984, <i>The social logic of space</i>, Cambridge University Press.</li> <li>• JACOBS J., 1991, <i>Déclin et survie des grandes villes américaines</i>, éd. Mardaga.</li> <li>• LACONTE P., 2003, <i>La gare et la ville ; grands axes et réseau express régional : enjeux et perspectives</i>, Fondation pour l'environnement urbain, éd. du Perron.</li> <li>• REMY J., 1974, <i>Scénarios de vie urbaine</i>, in revue A+.</li> <li>• ROGERS of RIVERSIDE R., 1999, <i>Towards an urban renaissance</i>, final report of the urban task force, ed. Spon Press.</li> <li>• WIEL M., 1999, <i>La transition urbaine ou le passage de la ville pédestre à la ville motorisée</i>, éd. Mardaga.</li> </ul>
<p>Faculty or entity in charge</p>	<p>LOCI</p>

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Architecture (Bruxelles)	ARCB2M	3		