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|-----------------------------|---|
| Teacher(s)                  | De Raedt Nele ;   |
| Language :                  | French  |
| Place of the course         | Louvain-la-Neuve  |
| Prerequisites               | <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>  |
| Main themes                 | The course involves a systematic but not exhaustive review of the major theories of architecture. It situates them chronologically, from Antiquity to the present. The course identifies recurring theoretical questions and possible causes for their recurrence. It also identifies more ephemeral questions and looks at their conditions of emergence and disappearance. The course puts theoretical elements into confrontation with concrete examples. Notions like the Vitruvian triad, the myth of the primitive hut, rules and the classical orders, models, the human body and proportion, objectivity and subjectivity of architecture will be raised and discussed.   |
| Learning outcomes           | <p><b>At the end of this learning unit, the student is able to :</b></p> <p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>• develop an overall view of the major theories of architecture within Western cultural tradition,</li> <li>• distinguish the themes and recurrent questions,</li> <li>• situate the "origins", the major stages of development, and the moments of rupture within the field of architectural theory,</li> <li>• take a personal position within a theoretical debate.</li> </ul>   |
| Evaluation methods          | Oral examination.   |
| Teaching methods            | Lecture course<br>Reading seminars  |
| Content                     | <p>Non-exhaustive liste of topics</p> <ul style="list-style-type: none"> <li>• What is architecture?</li> <li>• Theorising design practice: imitation, invention, licence</li> <li>• The elements of architecture: the classical orders</li> <li>• The objectivity or subjectivity of the art of building: good taste</li> <li>• The origins of architecture: the primitive hut</li> <li>• Architecture as system of communication</li> <li>• Theory and criticism: Utopias</li> </ul>  |
| Bibliography                | <p>Non-exhaustive bibliography:</p> <p>ALBERTI, LEON BATTISTA. <i>L'art d'édifier</i>. Edité et traduit par Pierre Caye et Françoise Choay. Paris: Seuil, 2004.</p> <p>ALEXANDER, CHRISTOPHER, Sara Ishikawa, Murray Silverstein, e.a. <i>A Pattern Language: Towns, Buildings, Construction</i>. New York: Oxford University Press, 1977.</p> <p>BOFFRAND, GERMAIN. <i>Livre d'architecture contenant les principes généraux de cet art et les plans, elevations et profils de quelques-uns des batimens faits en France &amp; dans les Pays Etrangers</i>. Paris: Guillaume Cavelier, 1745.</p> <p>ECO, UMBERTO. <i>La structure absente. Introduction à la recherche sémiotique</i>. Traduit de l'Italien par Uccio Esposito-Torrigiani. Paris: Mercure de France, 1984.</p> <p>HOLLEIN, HANS. "Alles ist Architektur". <i>Bau 1</i> /2, 1968. pp.2-35.</p> <p>LAUGIER, MARC-ANTOINE. <i>Essai sur l'architecture</i>. Paris: Duchesne, 1753</p> <p>LOOS, ADOLF. "L'architecture". Dans: <i>Paroles dans le vide: chroniques écrites à l'occasion de l'exposition viennoise du Jubilé 1898, [suivi de] autres chroniques des années 1897-1900; Malgré tout: 1900-1930</i>. Traduit de l'allemand par Cornelius Heim. Paris: Editions Ivrea, 1994. pp.218-228.</p> <p>PERRAULT, CLAUDE. <i>Ordonnance des cinq espèces de colonnes selon la méthode des anciens</i>. Paris: Jean Baptiste Coignard, 1683</p> <p>VENTURI, ROBERT. <i>De l'ambiguïté en architecture</i>. Edité et traduit par Vincent Scully, Maurin Schlumberger e.a. Paris: Duno, 1971</p> |
| Faculty or entity in charge | LOCI  |

| <b>Programmes containing this learning unit (UE)</b> |         |         |              |   |
|--|---------|---------|--------------|---|
| Program title  | Acronym | Credits | Prerequisite | Learning outcomes   |
| Bachelor in Engineering :<br>Architecture            | ARCH1BA | 3       | LICAR1201    |  |