UCLouvain

larcb2074

2026

Geospatial visualization

3.00 credits	30.0 h	Q1

This learning unit is not being organized during this academic year.

Language :	French
Place of the course	Bruxelles Saint-Gilles
Main themes	This course introduces Geographic Information Systems (GIS) tools for data visualization. It also covers interactive and digital workflows for data sharing and visualization. Students will explore methods for producing multi-scale urban cartographies and learn to disseminate them effectively through static and dynamic 2D and 3D interfaces.
Learning outcomes	**At the end of this learning unit, the student is able to :** • Navigate and utilize available databases effectively, • Process and visualize various types of territorial data, • Create interactive multi-scale maps in both 2D and 3D formats. **General Learning Outcomes** In line with the program's learning outcomes (LOs), this course contributes to the development and acquisition of the following LOs: • LO1.1 Prioritize the parameters and issues of a given situation. • LO2.6 Proficiently depict environmental, social, and economic phenomena. • LO4.4 Learn and explain the environmental, social, and economic consequences of architectural choices
Faculty or entity in charge	LOCI

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Architecture (Tournai)	ARCT2M	3		🔍
Master [120] in Architecture (Bruxelles)	ARCB2M	3		🔍