


4.00 credits

24.0 h + 24.0 h

Q1

Teacher(s)	Vanwambeke Sophie ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	Students enrolled in LGEO1342A are evaluated with a theoretical written exam (50%) and a practical written exam (50%). This is identical in the August session.
Teaching methods	Lectures integrating elements of flipped classroom and presentations by professionals. Practical sessions.
Content	<p>The course offers to acquire theoretical and conceptual principles that underpin the use of geographic information systems (GIS), and to learn the use of a GIS software.</p> <ul style="list-style-type: none"> • Develop an understanding of the basic principles and functionalities of a geographic information system, including acquisition, storage, and processing of spatial data, spatial analysis methods. • Master the use of a GIS software (eg ArcView GIS and the "spatial analyst extension"). • Develop the capacity to present and analyse spatial data in a GIS.
Inline resources	All useful resources are on Moodle.
Faculty or entity in charge	GEOG

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biology of Organisms and Ecology	BOE2M	4		
Master [60] in Biology	BIOL2M1	4		