

5.00 credits

30.0 h + 37.5 h

Q2

Teacher(s)	Agnan Yannick (coordinator) ; Lambert Richard ; Vincke Caroline ;
Language :	French > English-friendly
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>
Learning outcomes	
Bibliography	Livre de référence : • Blume H.-P., Brümmer G.W., Fleige H., Horn R., Kandeler E., Kögel-Knabner I., Kretzschmar R., Stahr K., Wilke B.-M. (2016). <i>Scheffer/Schachtschabel soil science</i> . Springer, Berlin. 618 p. Livres utiles : • Weil R.R., Brady N.C. (2016). <i>The nature and properties of soils</i> . Pearson, Harlow London New York, NY. 1104 p. • White R.E. (2005). <i>Principles and practice of soil science: the soil as a natural resource</i> . Wiley-Blackwell, Malden, MA. 376 p. • Duchaufour P., Faivre P., Poulenard J., Gury M. (2024). <i>Introduction à la science du sol #: sol, vég étation, environnement</i> . Dunod, Paris. 488 p. • Gobat J.-M., Aragno M., Matthey W. (2010). <i>Le sol vivant : bases de pédologie - biologie des sols</i> . PPUR, Lausanne. 848 p.
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Scientific Culture	MINCULTS	5		
Master [120] in Biology of Organisms and Ecology	BOE2M	5		
Master [120] in Civil Engineering	GCE2M	5		
Additionnal module in Geography	APPGEOG	5		
Master [120] in Chemistry and Bioindustries	BIRC2M	5		
Master [120] in Agriculture and Bio-industries	SAIV2M	5		
Master [120] in Geography : General	GEOG2M	5		
Bachelor in Bioengineering	BIR1BA	5	LBIR1130 AND LBIR1270	
Additionnal module in Geography : global change and transition management	APPGEO	5		
Master [120] of Education, Section 4 : Geography	GEOG2M4	5		