








Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits

30.0 h + 37.5 h

Q2

Teacher(s)	Agnan Yannick (coordinator) ;Lambert Richard ;Vincke Caroline ;
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>
Aims	<i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Bibliography	<p>Livre de référence :</p> <ul style="list-style-type: none"> • Blume H.-P., Brümmer G.W., Fleige H., Horn R., Kandeler E., Kögel-Knabner I., Kretschmar R., Stahr K., Wilke B.-M. (2016). <i>Scheffer/Schachtschabel soil science</i>. Springer, Berlin. 618 p. <p>Livres utiles :</p> <ul style="list-style-type: none"> • 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. • Paul E.A. (2006). <i>Soil microbiology, ecology and biochemistry</i>. Academic Press, Cambridge, MA. 553 p. • Duchaufour P., Faivre P., Poulé J., Gury M. (2018). <i>Introduction à la science du sol #: sol, vég étation, environnement</i>. Dunod, Paris. 472 p.
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Biology of Organisms and Ecology	BOE2M	5		
Minor in Scientific Culture	MINCULTS	5		
Master [120] in Civil Engineering	GCE2M	5		
Bachelor in Bioengineering	BIR1BA	5	LBIR1130 AND LBIR1270	
Additional module in Geography	APPGEOG	5		
Master [120] in Chemistry and Bioindustries	BIRC2M	5		
Master [120] in History of Art and Archaeology : General	ARKE2M	5		
Master [120] in Agriculture and Bio-industries	SAIV2M	5		