







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	<p><b>Livre de référence :</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p><b>Livres utiles :</b></p> <ul style="list-style-type: none"> <li>• Weil R.R., Brady N.C. (2016). <i>The nature and properties of soils</i>. Pearson, Harlow London New York, NY. 1104 p.</li> <li>• White R.E. (2005). <i>Principles and practice of soil science: the soil as a natural resource</i>. Wiley-Blackwell, Malden, MA. 376 p.</li> <li>• Paul E.A. (2006). <i>Soil microbiology, ecology and biochemistry</i>. Academic Press, Cambridge, MA. 553 p.</li> <li>• Duchaufour P., Faivre P., Poulénard J., Gury M. (2018). <i>Introduction à la science du sol #: sol, vég étation, environnement</i>. Dunod, Paris. 472 p.</li> </ul>
Faculty or entity in charge	AGRO

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Scientific Culture	<a href="#">MINCULTS</a>	5		
Master [120] in Biology of Organisms and Ecology	<a href="#">BOE2M</a>	5		
Master [120] in Civil Engineering	<a href="#">GCE2M</a>	5		
Additional module in Geography	<a href="#">APPGEOG</a>	5		
Master [120] in Chemistry and Bioindustries	<a href="#">BIRC2M</a>	5		
Master [120] in Agriculture and Bio-industries	<a href="#">SAIV2M</a>	5		
Bachelor in Bioengineering	<a href="#">BIR1BA</a>	5	<a href="#">LBIR1130</a> AND <a href="#">LBIR1270</a>	