


3.00 credits

22.5 h + 15.0 h

Q1

Teacher(s)	Declerck Stephan ;Quinet Muriel (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
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	
Evaluation methods	The evaluation is done through a written examination for the theoretical part and a practical examination for the practical part. The final mark is the weighted average of the marks of the theoretical and practical examinations. The theoretical assessment is worth 17/20 points of the final grade and the practical assessment is worth 3/20 points of the final grade. For the theoretical assessment, the 17 points are divided into 10 points for the "plants" part and 7 points for the "mushrooms" part.
Teaching methods	Lectures and practical work of analysis of histological sections
Content	<p>Plant cytology, histology and morphology:</p> <ul style="list-style-type: none"> <li>• Particularities of plant cell</li> <li>• Plant histology</li> <li>• Anatomy of the root, the shoot and the leaf</li> <li>• Secondary growth</li> <li>• Modified organs</li> </ul> <p>Plant physiology:</p> <ul style="list-style-type: none"> <li>• Plant nutrition and sap circulation</li> <li>• Photosynthesis</li> </ul> <p>Plant biotechnology:</p> <ul style="list-style-type: none"> <li>• Genetically modified organisms</li> <li>• Cell cultures</li> </ul> <p>Introduction to the fungal kingdom</p> <ul style="list-style-type: none"> <li>- Relationships between Men and fungi</li> <li>- Classification of toxic fungi (Ascomycetes and Basidiomycetes)</li> <li>- Syndromes and responsible fungi</li> </ul>
Inline resources	Written notes on Moodle website Biologie végétale.be
Bibliography	Taiz, L and Zeiger, E (2015) Plant Physiology, 6th edition, Sinauer Associates Inc Publishers, Sunderland, Massachussets, USA Raven, Evert and Eichhorn, (2013) The biology of plants, 8th edition, Freeman and Co, New-York
Faculty or entity in charge	FARM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Medication Sciences	<a href="#">MINFARM</a>	3		
Bachelor in Pharmacy	<a href="#">FARM1BA</a>	3	WMD1120P AND WMD1006	