


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"> • Particularities of plant cell • Plant histology • Anatomy of the root, the shoot and the leaf • Secondary growth • Modified organs <p>Plant physiology:</p> <ul style="list-style-type: none"> • Plant nutrition and sap circulation • Photosynthesis <p>Plant biotechnology:</p> <ul style="list-style-type: none"> • Genetically modified organisms • Cell cultures <p>Introduction to the fungal kingdom</p> <ul style="list-style-type: none"> - Relationships between Men and fungi - Classification of toxic fungi (Ascomycetes and Basidiomycetes) - Syndromes and responsible fungi
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

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Medication Sciences	MINFARM	3		
Bachelor in Pharmacy	FARM1BA	3	WMD1105 AND WMD1120P AND WMD1006	