


3 credits	22.5 h + 15.0 h	Q1
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Teacher(s)	Chaumont François ;Declerck Stephan ;Quinet Muriel (compensates Chaumont François) ;
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>
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>
Evaluation methods	The evaluation is done via a written exam for the theoretical part and a practical exam for the practical 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
Bibliography	<ul style="list-style-type: none"> • Syllabus à se procurer à la Ciacco et dias sur moodle <p>Taiz, L and Zeiger, E (2015) Plant Physiology, 6th edition, Sinauer Associates Inc Publishers, Sunderland, Massachussets, USA</p> <p>Raven, Evert and Eichhorn, (2013) The biology of plants, 8th edition, Freeman and Co, New-York</p>
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Pharmacy	FARM1BA	3	WMD1105 AND WMD1120P AND WMD1006	
Minor in Medication Sciences	WFARM100I	3		