

2.00 credits

15.0 h + 10.0 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 15/20 points of the final grade and the practical assessment is worth 5/20 points of the final grade. For the theoretical assessment, the 15 points are divided into 10 points for the "plants" part and 5 points for the "mushrooms" part.
Teaching methods	Lectures and practical work of analysis of histological sections
Content	<p>Introduction to the plant kingdom and its evolution</p> <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 • Reproductive organs and modes of reproduction <p>Plant physiology:</p> <ul style="list-style-type: none"> • Plant nutrition and sap circulation • Photosynthesis • Primary and secondary metabolism <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, Massachusetts, USA Raven, Evert and Eichhorn, (2013) The biology of plants, 8th edition, Freeman and Co, New-York
Other infos	<p>Participation in practical work, tutorials and exercise sessions is compulsory and essential to validate the teaching unit.</p> <p>Any unjustified absence will result in a penalty in the teaching unit examination, up to and including cancellation of the examination grade for the year in question (0/20). In the event of repeated absences, even if justified, the teacher may propose to the jury that registration for the examination relating to the EU be refused, in accordance with article 72 of the RGEE.</p>
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		