



In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

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 | Due to the COVID-19 crisis, the information in this section is particularly likely to change. The evaluation is done via a written exam for the theoretical part and a practical exam for the practical part |
| Teaching methods | Due to the COVID-19 crisis, the information in this section is particularly likely to change. Lectures and practical work of analysis of histological sections |
| Content | Plant cytology, histology and morphology: <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 Plant physiology: <ul style="list-style-type: none"> • Plant nutrition and sap circulation • Photosynthesis Plant biotechnology: <ul style="list-style-type: none"> • Genetically modified organisms • Cell cultures Introduction to the fungal kingdom <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 |
| Faculty or entity in charge | FARM |

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