UCLouvain

lbrai2106c

2026

Crop science - Fruit crops

1.00 credits	6.0 h + 4.0 h	Q2

Language :	French > English-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	Baccalaureate courses in bioengineering or exact sciences, particularly general and plant biology, ecology, earth sciences. Bioengineering master courses: plant production, agrarian systems. Other desired courses: soil sciences, biosphere engineering, systems analysis.
Main themes	Topics covered : Crop science of the main field crops and horticultural crops in temperate regions; tropical field crops. Evolution of the state of the land and crops during the seasons. Work to be carried out (tillage, sowing, fertilization, weeding, phytosanitary treatments, harvests) ' Recognition of weeds of field crops at an early stage and specific keys of determination. Partim A: field crops and market gardening in temperate regions Partim B : tropical cultures Partim C: fruit crops in temperate regions
Learning outcomes	
Evaluation methods	**Partim A: Field crops and market gardening in temperate regions** **- Basic agricultural knowledge:** tests throughout the year, at the end of each course **- Open-book written examination.** Establishment of a crop rotation system to assess a reasoned and critical approach to agricultural practices, within the framework of sustainable development **Partim B: tropical crops** **Open-book written examination**. Cross-disciplinary and synthesis questions aimed at assessing a reasoned and critical approach to agricultural practices within the framework of sustainable development **Partim C: fruit crops in temperate regions** **Open-book written examination.** Cross-disciplinary and synthesis questions aimed at evaluating a reasoned and critical approach to agricultural practices within the framework of sustainable development
Teaching methods	Lectures, largely illustrated with photos and diagrams, visits to agricultural service websites (warnings, manuring advice), direct observation of engine parts, groups activities, on farm classes - Follow-up of culture development by plant dissection - Farm tours with agricultural service specialists and farmers
Content	For each section of this description, please refer to the general description LBIRA2106 Phytotechnie. Specific details relating to each part are provided.
Inline resources	Moodle
Bibliography	Nombreuses sources en ligne d'institutions de service agricole (CIPF, IRBAB, CEPICOP, Terres Inovia...) Références bibliographiques données dans les montages powerpoint Numerous online sources of agricultural service institutions (CIPF, IRBAB, CEPICOP, Terres Inovia...) References given in the Powerpoint presentations
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Forests and Natural Areas Engineering	BIRF2M	1		
Master [120] in Agricultural Bioengineering	BIRA2M	1		