

Course Specifications

Valid as from the academic year 2024-2025

Horticultural Crops (1700120)

Course size	(nominal values; actual valu	ues may depend on programme)		
Credits 4.0	Study time 120 h			
Course offerings and t	eaching methods in academic	year 2024-2025		
A (semester 2)	Dutch	Gent l	ecture	
		E	xcursion	
		ţ	ractical	
lecturers in academic	vear 202/-2025			
Werbrouck Stefa	١Δ21	lecturer-in-	charge	
Offered in the following programmer in 2024-2025			crdte	offering
Bachelor of Science in Bioscience Engineering Technology			4	۸
Prenaratory Cour	se Master of Science in Rioscien	chilology Ice Engineering Technology: Agricultu		A A
and Horticulture	(main subject Horticulture)	tee Engineering rectinology. Agricultui		~
Teaching languages				
Dutch				
Keywords				
Horticulture, orna	mental, vegetable, grafting, cut	ting		
Position of the course				
This course is an i crops and their ge	ntroduction to a number of edit enerative and vegetative propace	ole and non edible horticulture gation techniques.		
Contents				
THEORY				
Crop science:				
Overview of main culture, plant dise	crops: scientific name, botanica ases and end products	ıl features, specific physiology,		
 Propagation. generative propagation. 	nation techniques (seed mornho	nloav physiology and technology)		
and vegetative pr	opagation (cutting and grafting)		
• Plant chimeras				
Types, origin, poss	ibilities, problems			
 Vegetables: intr Troos: rocognizii 	Oduction			
• Trees. Tecognizi				
EXERCICES: Sowing	g, cutting, grafting of ornament	als and vegetables,		
observation of gro	owth and development in fytotr	on.		
EXCURSION: Mode	rn companies specialised in sov	ving, cutting or grafting		
Initial competences				
Sucessfully acquir	ed: Botany, Plant Physiology, Ge	enetics, Biochemistry		
Final competences				
1 KNOWLEDGE & I	NSIGHT: To define horticultural	terminology		
2 KNOWLEDGE & I 3 KNOWLEDGE & I	. NSIGHT: To use a correct scienti (NSIGHT: To evaluate pro en con	ific plant nomenclature tras of generative and		

- vegetative multiplication
 4 KNOWLEDGE & INSIGHT: To recognize vegetables and to discuss basic features and culture
- 5 KNOWLEDGE & INSIGHT: To recognize and name trees

6 KNOWLEDGE & INSIGHT: to have insight in plant chimeras

- 7 SKILLS: To be able to sow, propagate by cuttings and graft plants
- 8 SKILLS: To critically evaluate classical propagation techniques

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Excursion, Lecture, Practical

Study material

Type: Syllabus

Name: Horticulture Indicative price: € 20 Optional: no Language : Dutch Number of Pages : 112 Available on Ufora : Yes Online Available : Yes Available in the Library : No Available through Student Association : No Additional information: student prints by himself

References

Course content-related study coaching

Possibility for questioning during lessons and after appointment, guidance and coaching during excercises.

Assessment moments

end-of-term and continuous assessment

Examination methods in case of periodic assessment during the first examination period

Oral assessment

Examination methods in case of periodic assessment during the second examination period

Oral assessment

Examination methods in case of permanent assessment

Participation

Possibilities of retake in case of permanent assessment

examination during the second examination period is not possible

Extra information on the examination methods

Theory:oral examination with written preparation exercices: report of exercices and company visits

Calculation of the examination mark

theory 80%, Reports visits 10%, Report exercices 10%