

Faculty of Sciences

Master of Science in Plant Biotechnology

Language of instruction: English

Programme version 2

## 1 General Courses 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003104 Plant Research Technologies Hilde Nelissen -- Department of Plant Biotechnology and Bioinformatics	3		1	A:1	75
2	C003825 Functional Plant Genomics Klaas Vandepoele -- Department of Plant Biotechnology and Bioinformatics	3		1	A:1	80
3	C003162 Plant Biotechnology: Biosafety, IP and society Koen Vanhalst -- Department of Molecular Biology	3		1	A:1	80
4	C003100 Molecular Plant Breeding Tom Ruttink -- Department of Plant Biotechnology and Bioinformatics	3		1	A:1	80
5	C003095 Plant Environment Interactions Dominique Van Der Straeten -- Department of Biology	3		1	A:1	80
6	C003098 The Plant Cell Lieven De Veylder -- Department of Plant Biotechnology and Bioinformatics	3		1	A:2	80
7	C003099 Plant Growth and Development Tom Beeckman -- Department of Plant Biotechnology and Bioinformatics	3		1	A:2	80
8	C003163 Plant Yield Hilde Nelissen -- Department of Plant Biotechnology and Bioinformatics	3		1	A:1	80
9	C003263 The Plant Factory Frank Van Breusegem -- Department of Plant Biotechnology and Bioinformatics	3		1	A:J	80
10	C003097 Plant Biotic Interactions Sofie Goormachtig -- Department of Plant Biotechnology and Bioinformatics	3		1	A:2	80

## 2 Elective Courses 6 credits

Subscribe to 6 credit units to be chosen from courses in the field of Life Sciences, IP or transferable skills from the study programmes of the Flemish Community. Subject to approval by the faculty.

Distributed over the first standard learning path as follows: 6 credit units in year 1  
and over the second standard learning path as follows: 6 credit units in year 2.

## 3 Master's Dissertation 24 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C003164 Master's Dissertation N. N.	24		1	A:J	600

## Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

## Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028