

Study Programme

Academic year 2024-2025

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 <i>Hilde Nelissen -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:1 | 75 |
| 2 | C003825 | Functional Plant Genomics <i>Klaas Vandepoele -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:1 | 80 |
| 3 | C003162 | Plant Biotechnology: Biosafety, IP and society <i>Koen Vanhalst -- Department of Molecular Biology</i> Indicative price: € 0 | 3 | | 1 | A:1 | 80 |
| 4 | C003100 | Molecular Plant Breeding <i>Tom Ruttink -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 97 | 3 | | 1 | A:1 | 80 |
| 5 | C003095 | Plant Environment Interactions <i>Dominique Van Der Straeten -- Department of Biology</i> Indicative price: € 1 | 3 | | 1 | A:1 | 80 |
| 6 | C003098 | The Plant Cell <i>Lieven De Veylder -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:2 | 80 |
| 7 | C003099 | Plant Growth and Development <i>Tom Beeckman -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:2 | 80 |
| 8 | C003163 | Plant Yield <i>Hilde Nelissen -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:1 | 80 |
| 9 | C003263 | The Plant Factory <i>Frank Van Breusegem -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 3 | | 1 | A:J | 80 |
| 10 | C003097 | Plant Biotic Interactions <i>Sofie Goormachtig -- Department of Plant Biotechnology and Bioinformatics</i> Indicative price: € 0 | 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 <i>N. N.</i> Indicative price: unknown | 24 | | 1 | A:J | 600 |

Programme related study costs

Type: Laptop

Name: Portable

Indicative price: € 700

Optional: No

Fulltime standard learning track year: 1

Available through Student Association : No

Usability and Lifetime within the Course Unit : regularly

Usability and Lifetime within the Study Programme : regularly

Usability and Lifetime after the Study Programme : regularly

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 |

Learning materials

The prices stated are indicative and subject to fluctuations.

The list of learning materials per course unit can be found in the course sheets.