

Faculty of Bioscience Engineering

Master of Science in Bioscience Engineering Technology: Agriculture and Horticulture -- Plant and Animal Production

Language of instruction: Dutch

Programme version 8

## 1 Courses Related to the Main Subject 42 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700251 Farm Management <i>Veerle Derycke -- Department of Plants and Crops</i>	5		1	A:J	150
2	I700258 Plant and Crop Sciences 1 <i>Veerle Derycke -- Department of Plants and Crops</i>	3		1	A:1	90
3	I700259 Animal Production Systems <i>Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology</i>	6		1	A:J	180
4	I700063 Nutrition of Ruminants <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i>	5		1	A:1	150
5	I700260 Integrated Exercises: Crops, Animals and Agricultural Farm <i>Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:J	90

### 1.1 20 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700254 Master's Dissertation <i>Stefaan Werbruck -- Department of Plants and Crops</i>	20		1	A:J	600

## 2 Elective Courses

Subscribe to 1 module from the following list.

### 2.1 Plant and Animal Production 10 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700156 Plant and Crop Sciences 2 <i>Eduardo de la Pena -- Department of Plants and Crops</i>	3		1	A:2	90
2	I700175 Disease, Pest and Weed Control in Crops <i>Veerle Derycke -- Department of Plants and Crops</i>	4		1	A:1	120
3	I700263 Nutrition of Pigs <i>Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology</i>	3		1	A:1	90

### 2.2 Production and Environment 12 credits

Subscribe to no less than 12 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700187 Ecological Restoration <i>Jan Mertens -- Department of Environment</i>	3		1	A:1	90
2	I700179 Sustainable Production Systems <i>Frank Nevens -- Department of Plants and Crops</i>	3		1	A:2	75
3	I700256 Agroecology <i>Eduardo de la Pena -- Department of Plants and Crops</i>	3		1	A:2	90
4	I700257 Urban Green Management <i>Jan Mertens -- Department of Environment</i>	4		1	A:1	120
5	I700078 GIS <i>Frieke Vancoillie -- Department of Environment</i>	3		1	A:2	90

### 3 Elective Courses

Subscribe to no less than 6 and no more than 8 credit units from the modules from the following list.  
Students can choose course units from the modules 'Plant and Animal Production' or 'Production and Environment' as elective course

#### 3.1 Elective Courses: List

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700064 Work Placement <i>Stefaan Werbrout -- Department of Plants and Crops</i>	6		1	A:1, B:2	180
2	I700249 Feed and Petfood Technology <i>Mia Eeckhout -- Department of Food Technology, Safety and Health</i>	4		1	A:2	120

#### 3.2 Course to be chosen from the study programmes of Ghent University

Subscribe to course units from Ghent University including [the Ghent University Elective Courses](#). Subject to approval by the faculty.

#### 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