Study Programme

Academic year 2024-2025

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 *Veerle Derycke -- Department of Plants and Crops*	5	1	A:J	150
2	I700258 Plant and Crop Sciences 1 *Veerle Derycke -- Department of Plants and Crops*	3	1	A:1	90
3	I700259 Animal Production Systems *Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology*	6	1	A:J	180
4	I700063 Nutrition of Ruminants *Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology*	5	1	A:1	150
5	I700260 Integrated Exercises: Crops, Animals and Agricultural Farm *Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology*	3	1	A:J	90

1.1						20 credits
Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700254 Master's Dissertation *Stefaan Werbrouck -- Department of Plants and Crops*	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 *Eduardo de la Pena -- Department of Plants and Crops*	3	1	A:2	90
2	I700175 Disease, Pest and Weed Control in Crops *Veerle Derycke -- Department of Plants and Crops*	4	1	A:1	120
3	I700263 Nutrition of Pigs *Jeroen Degroote -- Department of Animal Sciences and Aquatic Ecology*	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 *Jan Mertens -- Department of Environment*	3	1	A:1	90
2	I700179 Sustainable Production Systems *Frank Nevens -- Department of Plants and Crops*	3	1	A:2	75
3	I700256 Agroecology *Eduardo de la Pena -- Department of Plants and Crops*	3	1	A:2	90
4	I700257 Urban Green Management *Jan Mertens -- Department of Environment*	4	1	A:1	120
5	I700078 GIS *Frieke Vancoillie -- Department of Environment*	3	1	A:2	90

Nr							
6	I700071	Forest Management		3	1	A:2	90
		Jan Mertens -- Department of Environment					

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	6	1		A:1, B:2	180
		Stefaan Werbrouck -- Department of Plants and Crops					
2	I700249	Feed and Petfood Technology	4	1		A:2	120
		Mia Eeckhout -- Department of Food Technology, Safety and Health					

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 cours name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Kroatian/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 in 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