Study Programme

Academic year 2023-2024

Faculty of Bioscience Engineering

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

Language of instruction: Dutch

Programme version 7

1 Courses Related to the Main Subject — 42 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	I700251	Farm Management Geert Haesaert -- Department of Plants and Crops	5	1	A:J	150
2	I700258	Plant and Crop Sciences 1 Geert Haesaert -- 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 Geert Haesaert -- Department of Plants and Crops	3	1	A:2	90
2	I700175	Disease, Pest and Weed Control in Crops Geert Haesaert -- Department of Plants and Crops	4	1	A:1	120
3	I700263	Nutrition of Pigs Dirk Fremaut -- 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 Geert Haesaert -- 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		Course		CRDT	Ref	MT1	Session	Study
6	I700071	Forest Management		3	1		A:2	90
		Jan Mertens -- Department of Environment						

<div style="background-color:#3b6fd4;color:white;padding:8px;font-size:1.3em">3 Elective Courses</div>

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	I700261	Poultry Science and Nutrition	3	1		(A:2)^d	90
3	I700249	Feed and Petfood Technology	4	1		A:2	120
		Mia Eeckhout -- Department of Food Technology, Safety and Health					
4	I700262	Nutrition of Horses, Dogs and Cats	3	1		(A:2)^d	90

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 2024-2025	f: annually, from 2025-2026	i: annually, from 2026-2027
b: tri-annually	d: bi-annually, from 2024-2025	g: bi-annually, from 2025-2026	j: bi-annually, from 2026-2027
	e: tri-annually, from 2024-2025	h: tri-annually, from 2025-2026	k: tri-annually, from 2026-2027