

Faculty of Bioscience Engineering

Master of Science in Bioscience Engineering: Agricultural Sciences

Campus: UGent

Language(s) of instruction: Dutch (Programme sheet as of: 2018)

Programme version 10 Valid as from the academic year 2020-2021 (VOORSTEL)

IMLAND10.1 General Courses - IMLANDalg 62.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002643 Agricultural Constructions [nl] Jan Pieters -- Department of Plants and Crops	5.0		1		A:2	50.0	150
2	I002644 Animal Physiology [en] Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology	4.0		1		A:1	40.0	120
3	I002645 Identification and Diagnosis of Plant Diseases, Pests and Weeds [nl] Luc Tirry -- Department of Plants and Crops	6.0		1		A:1	60.0	180
4	I002646 Nutrient Management [en] Stefaan De Neve -- Department of Environment	5.0		1		A:2	50.0	150
5	I002647 Plant Husbandry [nl] Benny De Cauwer -- Department of Plants and Crops	5.0		1		A:1	50.0	150
6	I002648 Human Nutrition [nl] John Van Camp -- Department of Food Technology, Safety and Health	4.0		2		B:1	40.0	120
7	I002649 Gene Technology and Plant Biotechnology [nl] Godelieve Gheysen -- Department of Biotechnology	5.0		1		A:1	50.0	150
8	I002650 Agricultural and Rural Policy, EU Perspective [en] Jeroen Buysse -- Department of Agricultural Economics	5.0		2		A:1	50.0	150
9	I002651 Monitoring Systems in Agriculture [nl] Wouter Maes -- Department of Plants and Crops	5.0		1		A:1	50.0	150
10	I001280 Experimental Design [en] Karel Vermeulen -- Department of Data Analysis and Mathematical Modelling	3.0		1		A:2	30.0	75
11	I002652 Quality Management and Risk Analysis [en] Liesbeth Jacxsens -- Department of Food Technology, Safety and Health	5.0		2		A:2	50.0	150
12	I002653 Animal Nutrition [en] Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology	5.0		2		A:2	50.0	150
13	I002654 Integrated Sustainable Agriculture [nl] Stefaan De Smet -- Department of Animal Sciences and Aquatic Ecology	5.0		2		A:J	25.0	150

IMLAND10.2 Elective Courses - IMLANDkeuze 28.0 credits

Subscribe to 28 credit units from no less than 1 and no more than 3 module(s) from the following list. Subject to approval by the faculty.

Full-time standard learning track:

Students can choose which of the elective course units are taken in the first respectively the second standard learning track year (unless otherwise specified); in combination with the general course units, students take a total of 54 to 66 credits per standard learning track year. The sum of the total number of credits taken up over the 2 standard learning track years must be 120 credits.

IMLAND10.2.1 Master Specific Courses - IMLANDkeuzealgemeen

Subscribe to no more than 28 credit units from the following list.

Study fields (see reference):

- G = Crop Protection
- P = Plant Production
- D = Animal Production
- E = Agricultural Economics

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002733 Agronomatology [nl] Wim Wesemael -- Department of Plants and Crops	5.0	G			A:1	50.0	150
2	I002734 Crop Protection Chemistry [nl] Pieter Spanoghe -- Department of Plants and Crops	5.0	G			A:2	50.0	150
3	I002735 Biological Control of Crop Pests and Diseases [en] Patrick De Clercq -- Department of Plants and Crops	5.0	G			A:1	50.0	150

4	I002736	Applied Entomology [nl] Patrick De Clercq -- Department of Plants and Crops	5.0	G		A:2	50.0	150
5	I002737	Weed Science [nl] Benny De Cauwer -- Department of Plants and Crops	5.0	P, G		A:1	50.0	150
6	I002738	Plant Breeding [en] Dirk Reheul -- Department of Plants and Crops	5.0	P, G		A:1	50.0	150
7	I002739	Precision Agriculture [en] Abdul Mouazen -- Department of Environment	5.0	P, G		A:2	50.0	150
8	I002740	Ecophysiology [nl] Kathy Steppe -- Department of Plants and Crops	5.0	P		A:1	50.0	150
9	I002741	Plant Production [nl] Marie-Christine Van Labeke -- Department of Plants and Crops	4.0	P		A:J	40.0	120
10	I002742	Ethnobotany and New Crop Development [en] Patrick Van Damme -- Department of Plants and Crops	4.0	P		A:1	40.0	120
11	I002715	Irrigation and Drainage [en] Wim Cornelis -- Department of Environment	5.0	P		A:1	50.0	150
12	I002743	Monitoring Plant Growth Processes In Vitro and In Vivo [nl] Marie-Christine Van Labeke -- Department of Plants and Crops	6.0	P		A:1	60.0	180
13	I002731	Tropical Crop Production [en] Patrick Van Damme -- Department of Plants and Crops	4.0	P		A:2	40.0	120
14	I002713	Applied Soil Biology [en] Stefaan De Neve -- Department of Environment	4.0	P		A:1	40.0	120
15	I002732	Organic Farming [nl] Dirk Reheul -- Department of Plants and Crops	4.0	P,G,D,		A:1	40.0	120
16	I002744	Sustainable Animal Husbandry [en] Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology	5.0	D		A:2	50.0	150
17	I002745	Applied Animal Genetics [en] Stefaan De Smet -- Department of Animal Sciences and Aquatic Ecology	5.0	D		A:1	50.0	150
18	I002724	Technology of Animal Products [nl] Frank Devlieghere -- Department of Food Technology, Safety and Health	5.0	D		A:2	50.0	150
19	I002746	Tropical Animal Production [en] Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology	4.0	D		A:2	40.0	120
20	I002720	Consumer Behaviour and Marketing of Bio-industrial products [nl] Wim Verbeke -- Department of Agricultural Economics	5.0	E		A:2	50.0	150
21	I002718	Economics and Management of Natural Resources [en] Stijn Speelman -- Department of Agricultural Economics	4.0	E		A:2	40.0	120
22	I002747	Sociological Perspectives on Rural Development [en] Joost Dessen -- Department of Agricultural Economics	5.0	E		A:2	50.0	150
23	I002714	Rural Project Management [en] Marijke D'Haese -- Department of Agricultural Economics	5.0	E		A:2	50.0	150
24	I001555	General and Agrarian Law [nl] Geert Van Hoorick -- Department of European, Public and International Law	3.0	E		A:2	30.0	90

IMLAND10.2.2 Skills and Attitudes - IMBIIR_VA

Subscribe to no more than 10 credit units from the following list, with no more than 10 credit units with reference a.

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002637 Internship [nl, en] Tom Desmet -- Department of Biotechnology	5.0	a			A:J	30.0	150
2	I002638 International Internship [nl, en] Tom Desmet -- Department of Biotechnology	5.0	a			A:J	30.0	150
3	I002639 Extended Internship [nl, en] Tom Desmet -- Department of Biotechnology	10.0	a			A:J	60.0	300
4	I002640 Extended International Internship [nl, en] Tom Desmet -- Department of Biotechnology	10.0	a			A:J	60.0	300
5	I001944 Bio-ethics [en] Heidi Mertes -- Department of Philosophy and moral sciences	3.0				A:1	30.0	75
6	C002668 Scientific Communication in English [en] Geert Jacobs -- Department of Linguistics	5.0				A:2	45.0	150
7	I001784 Seminar [nl, en] Luc Tirry -- Department of Plants and Crops	3.0				A:J	30.0	75

IMLAND10.2.3 Open Choice - IHAUGent&VUBkeuze

Subscribe to course units from courses offered at Ghent University and at the alliance partner VUB, including the Ghent University Elective Courses.

A maximum of 2 such courses is allowed.

Maximum 8 credit units language courses are allowed within this master programme.

IMLAND10.3 Master's Dissertation - IMLANDmasterproef

30.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I001481 Master's Dissertation [nl]	30.0		2	4	A:J	300.0	900