

UGent - VUB

Master of Science in Sustainable Land Management -- Land and Groundwater Management

Campus: UGent

Language(s) of instruction: English (Programme sheet as of: 2021)

Programme version 1 Valid as from the academic year 2021-2022 (GOEDGEKEURD)

1 General Courses - CMLAMAalg 65.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	I002657 Soil Physics [en] Wim Cornelis -- Department of Environment	5.0		1		A:1	50.0	150
2	I002756 Applied Statistics [en] Aisling Daly -- Department of Data Analysis and Mathematical Modelling	5.0		1		A:1	50.0	150
3	I002774 Land Information Systems [en] Frieke Vancoillie -- Department of Environment	5.0		1		A:1	50.0	150
4	C002615 Environmental Impact Assessment [en] Kristine Walraevens -- Department of Geology	6.0		1		A:1	50.0	150
5	C001705 Hydrogeology [en] Thomas Hermans -- Department of Geology	4.0		1		A:1	35.0	105
6	C003068 Hydrology and Hydrogeomorphology [en] Jan Nyssen -- Department of Geography	5.0		1		A:1	50.0	150
7	C004257 Remote Sensing [en] Tim Van de Voorde -- Department of Geography	5.0		1		A:2	60.0	135
8	K001298 Sustainable Development [en] Bernard Mazijn -- Department of Conflict and Development Studies	5.0		1		A:2	45.0	150
9	C003320 Climate Change [en] Dirk Verschuren -- Department of Biology	4.0		1		A:2	37.5	120
10	E076460 Dare to Venture [en] Johan Verrue -- Department of Marketing, Innovation and Organisation	4.0		1		A:2	30.0	120
11	C004258 Scientific Communication on Physical Land Resources [en] Kristine Walraevens -- Department of Geology	4.0		1		A:2	40.0	120
12	C004259 Applied Geophysics [en] Kristine Walraevens -- Department of Geology	5.0		1		A:2	60.0	135
13	C002660 Introduction to Geotechnics [en] Herman Peiffer -- Department of Civil Engineering	3.0		1		A:2	30.0	90
14	C004260 Integrated Project [en] Ann van Griensven -- Vrije Universiteit Brussel	5.0		2		A:2	84.0	138

2 Courses Related to the Main Subject - CMLAMALGafst 45.0 credits

2.1 Land and Groundwater Management (UGent) - CMLAMAlandground 15.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	C002656 Groundwater Modelling [en] Thomas Hermans -- Department of Geology	5.0		2		B:1	50.0	125
2	C002655 Groundwater Chemistry [en] Kristine Walraevens -- Department of Geology	5.0		2		B:1	50.0	125
3	I002708 Soil Water Management [en] Wim Cornelis -- Department of Environment	5.0		2		A:2	50.0	150

2.2 Master's Dissertation - CMLAMAmasterproef 30.0 credits

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	C004264 Master's Dissertation [en]	30.0		2		A:J	300.0	900

3 Elective Courses - CMLAMakeuze 10.0 credits

Subscribe to 10 credit units from no less than 1 and no more than 2 modules from the following list. Subject to approval by the faculty.

3.1 Elective Course List - CMLAMAkeuzelijst

Subscribe to no more than 10 credit units from the following list.
Courses 2 to 9 are offered at UGent, 10 to 16 at VUB.

Nr	Course	CRDT	Ref	MT1	MT2	Session	Contact	Study
1	C004265 Internship [en] Kristine Walraevens -- Department of Geology	5.0		2		A:J	60.0	135
2	C003997 Clay Mineralogy [en] Stijn Dewaele -- Department of Geology	5.0		2		A:2	40.0	150
3	I002454 Geostatistics [en] Ellen Van De Vijver -- Department of Environment	5.0		2		A:2	50.0	150
4	I002715 Irrigation and Drainage [en] Wim Cornelis -- Department of Environment	5.0		2		A:1	50.0	150
5	I002699 Land Evaluation [en] Ann Verdoodt -- Department of Environment	5.0		2		A:2	50.0	150
6	C001032 Landscape Ecology [en] Veerle Van Eetvelde -- Department of Geography	5.0		2		A:2	50.0	150
7	C003994 Mineral Resources, Economics and the Environment [en] Stijn Dewaele -- Department of Geology	6.0		2		A:1	45.0	150
8	I002712 Soil Degradation [en] Ann Verdoodt -- Department of Environment	5.0		2		A:2	50.0	150
9	I002664 Soil Erosion Control: Principles and Practice [en] Ann Verdoodt -- Department of Environment	4.0		2		A:1	40.0	120
10	C004267 Water and Land Interaction and Transformation [en] Vrije Universiteit Brussel, Margaret Chen -- Vrije Universiteit Brussel	5.0		2		A:1	40.0	135
11	C004268 Applied Geomorphology [en] Vrije Universiteit Brussel, Matthieu Kervyn de Meerendre -- Vrije Universiteit Brussel	5.0		2		A:2(2023)	60.0	135
12	C004269 Decision Support Systems for Sustainability [en] Vrije Universiteit Brussel, Cathy Macharis -- Vrije Universiteit Brussel	6.0		2		A:2	152.0	152
13	C004270 Natural Hazards [en] Vrije Universiteit Brussel, Matthieu Kervyn de Meerendre -- Vrije Universiteit Brussel	3.0		2		A:2	39.0	90
14	C004271 Natural Risk Management [en] Vrije Universiteit Brussel, Matthieu Kervyn de Meerendre -- Vrije Universiteit Brussel	3.0		2		A:2	39.0	90
15	C004272 Water Quality Assessment [en] Vrije Universiteit Brussel, Marc Elskens -- Vrije Universiteit Brussel	4.0		2		A:2	36.0	100
16	C004273 Land-Climate Dynamics [en] Vrije Universiteit Brussel	5.0		2		A:1	54.0	135

3.2 Elective Courses of a University of the Flemish Community - CHkeuzevg

Subscribe to no more than 10 credit units from courses of the other main subject or courses from other study programmes at universities in the Flemish Community upon approval by the curriculum commission.