

Faculty of Bioscience Engineering

Exchange Programme in Bioscience Engineering: Land and Forest management (master's level)

Language of instruction: English

Programme version 6

1 Elective Courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I002454 Geostatistics <i>Ellen Van De Vijver -- Department of Environment</i>	5			A:2	150
2	I000631 Groundwater Chemistry <i>Kristine Walraevens -- Department of Geology</i>	5			A:1	145
3	I002659 Hydrological Modelling [nl] <i>Hans Lievens -- Department of Environment</i>	4			A:1	120
4	I002699 Land Evaluation <i>Ann Verdoodt -- Department of Environment</i>	5			A:2	150
5	I002773 Soil Chemistry <i>Filip Tack -- Department of Green Chemistry and Technology</i>	5			A:1	150
6	I002712 Soil Degradation <i>Ann Verdoodt -- Department of Environment</i>	5			A:2	150
7	I002664 Soil Erosion Control: Principles and Practice <i>Ann Verdoodt -- Department of Environment</i>	4			A:1	120
8	I002657 Soil Physics <i>Wim Cornelis -- Department of Environment</i>	5			A:1	150
9	I002708 Soil Water Management <i>Wim Cornelis -- Department of Environment</i>	5			A:2	150
10	I002718 Economics and Management of Natural Resources <i>Stijn Speelman -- Department of Agricultural Economics</i>	4			A:2	120
11	I002693 Forest and Nature Management Planning <i>Jos Van Orshoven -- KU Leuven</i>	5			A:2	150
12	I002715 Irrigation and Drainage <i>Wim Cornelis -- Department of Environment</i>	5			A:1	150
13	I002774 Land Information Systems <i>Fieke Vancoillie -- Department of Environment</i>	5			A:1	150
14	I002607 Resource Recovery Technology <i>Ramon Ganigú -- Department of Biotechnology</i>	6			A:2	180
15	I002646 Nutrient Management <i>Stefaan De Neve -- Department of Environment</i>	5			A:2	150
16	I002731 Tropical Crop Production <i>Eduardo de la Pena -- Department of Plants and Crops</i>	4			A:2	120
17	I002706 Wood Technology: Wood Processing and Forest Products <i>Joris Van Acker -- Department of Environment</i>	5			A:2	150
18	I002696 Vegetation Modelling <i>Hans Verbeeck -- Department of Environment</i>	4			A:2	120
19	I002705 Tropical Forestry <i>Joris Van Acker -- Department of Environment</i>	5			A:2	150
20	I001967 Intellectual Property and Valorization <i>Benedikt Sas -- Department of Food Technology, Safety and Health</i>	3			A:2	90

21	I002535	Applied Marine Ecology <i>Colin Janssen -- Department of Animal Sciences and Aquatic Ecology</i>	3	A:1	90
22	I002504	Applied Freshwater Ecology <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i>	3	A:1	90
23	I002719	Modelling and Simulation with Partial Differential Equations in Practice <i>Ingmar Nopens -- Department of Data Analysis and Mathematical Modelling</i>	5	A:1	150
24	I002589	Environmental Technology: Soil and Sediment <i>Filip Tack -- Department of Green Chemistry and Technology</i>	3	A:2	90
25	I002586	Multidisciplinary Analysis of Climate Change <i>Pascal Boeckx -- Department of Green Chemistry and Technology</i>	3	A:2	90
26	I002604	Oceans and Human Health <i>Jana Asselman -- Department of Animal Sciences and Aquatic Ecology</i>	3	A:1	90
27	I002588	Environmental Chemistry and Analysis: Water, Soil and Sediment <i>Filip Tack -- Department of Green Chemistry and Technology</i>	5	A:1	150
28	I002713	Applied Soil Biology <i>Stefaan De Neve -- Department of Environment</i>	4	A:1	120
29	I002658	Environmental Soil Sensing <i>Philippe De Smedt -- Department of Environment</i>	4	A:2	120
30	I002698	Water Quality Management <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i>	4	A:2	120
31	I002663	Water Governance <i>Stijn Speelman -- Department of Agricultural Economics</i>	4	A:2	120
32	I002709	Aquatic Ecotechniques <i>Peter Goethals -- Department of Animal Sciences and Aquatic Ecology</i>	4	A:1	120
33	I002508	Environmental Technology: Water <i>Jo De Vrieze -- Department of Biotechnology</i>	6	B:2, A:2	180
34	I002711	Soil Genesis <i>Peter Finke -- Department of Environment</i>	5	A:1	150
35	I002766	Introduction to the Circular Economy, Economics and Management of Natural Resources <i>Stijn Speelman -- Department of Agricultural Economics</i>	4	A:1	120
36	I002501	Soil Prospection <i>Peter Finke -- Department of Environment</i>	4		120
37	I002775	Pedology <i>Peter Finke -- Department of Environment</i>	5	A:1	150
38	I002932	Machine Learning for Life Sciences <i>Willem Waegeman -- Department of Data Analysis and Mathematical Modelling</i>	5	A:1	150

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 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