

Bachelor of Science in Environmental Technology (v6)

Language of instruction English

Valid as from the academic year 2019-2020

1 General Courses

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	English for Academic Studies 1	Michael Dunne KR01	5		1	1	60	150	
2	General Biology	Stephen Depuydt KR01	5		1	1	60	150	
3	Inorganic Chemistry 1: Structure of Matter	Francis Verpoort KR01	5		1	1	60	150	
4	English for Academic Studies 2	Michael Dunne KR01	5		1	A:22, B:	60	150	
5	Inorganic Chemistry 2: Reactivity of Matter	Tanja Cirkovic Velickovic KR01	5		1	2	60	150	
6	Microbiology	Magdalena Radwanska KR01	5		1	2	60	150	
7	Mathematics 1: Engineering Mathematics	Shodhan Rao KR01	10		1	J	120	300	
8	Physics 1 and 2: Mechanics, Vibration, Waves and Thermodynamics	Surender Kumar KR01	10		1	J	120	300	
9	Informatics	Wesley De Neve KR01	10		1	J	120	300	
10	Organic Chemistry 1: Structure and Reactivity	Philippe Heynderickx KR01	5		2	1	60	150	
11	Chemical Analytical Methods	Tanja Cirkovic Velickovic KR01	4		2	1	48	120	
12	Plant Biology	Stephen Depuydt KR01	3		2	1	30	90	
13	Animal Biology	Magdalena Radwanska KR01	3		2	1	30	75	
14	Biochemistry	Stefan Magez KR01	5		2	1	60	150	
15	Mathematics 2: Multivariable Calculus and Geometry	Shodhan Rao KR01	5		2	1	60	150	
16	Physics 3: Electricity and Magnetism	Serge Zhuiykov KR01	5		2	1	60	150	
17	Organic Chemistry 2: Advanced Reactivity	Philippe Heynderickx KR01	5		2	2	60	150	
18	Physics 4: Optics and Physical and Chemical Thermodynamics	Serge Zhuiykov KR01	5		2	2	60	150	
19	Mathematics 3: Differential Equations	Shodhan Rao KR01	5		2	2	60	150	
20	Molecular Biological Analysis	Magdalena Radwanska KR01	5		2	2	60	150	
21	Environmental Chemistry	Philippe Heynderickx KR01	5		2	2	60	150	
22	Introduction to Food Science	Sam Van Haute KR01	5		2	2	60	150	

2 General Courses

The courses programmed in the 1st semester of the 4th bachelor's year are to be taken at the home campus of Ghent University

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Process Engineering	Philippe Heynderickx KR01	5		3	1	60	150	
2	Process Modelling and Control	Shodhan Rao KR01	5		3	1	60	150	
3	Process Technology	Frederik Ronsse LA24	5		3	1	45	150	
4	Green Chemistry and Technology	Francis Verpoort KR01	5		3	1	60	150	
5	Exhaust Gas Treatment	Serge Zhuiykov KR01	5		3	1	60	150	
6	Probability and Statistics	Arnout Van Messeem KR01	10		3	J	120	250	
7	Company Visits and Scientific Seminars	Michael Dunne KR01	10		3	J	30	250	
8	Economics and Marketing	Yung Hung LA27	5		3	2	60	150	
9	Environmental Soil Science	Filip Tack LA24	5		3	2	60	150	
10	Water Treatment	Korneel Rabaey LA25	5		3	2	50	150	
11	Case Studies and Company Visits	Erik Meers LA24	5		4	1	40	125	

12	Basic and Applied Freshwater Ecology	<i>Peter Goethals LA22</i>	5	4	1	50	150
13	Ecological Risk Assessment	<i>Karel De Schampheleere LA22</i>	5	4	1	84	150
14	Soil Remediation	<i>Filip Tack LA24</i>	5	4	1	40	150
15	Clean Technology	<i>Sophie Huysveld LA24</i>	5	4	1	60	135
16	Environmental Constructions	<i>Eveline Volcke LA24</i>	5	4	1	60	135
17	Research Methodology and Project	<i>Michael Dunne KR01</i>	20	4	2	150	500
18	Project Management, Entrepreneurship and Intellectual Property	<i>Benedikt Sas LA07</i>	4	4	2	48	108
19	Renewable Resource Technology	<i>Korneel Rabaey LA25</i>	3	4	2	30	90
20	Environment Law and Management	<i>Stijn Speelman LA27</i>	3	4	2	30	90

Teaching languages

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 2020-2021	f: annually, from 2021-2022	i: annually, from 2022-2023
b: tri-annually	d: bi-annually, from 2020-2021	g: bi-annually, from 2021-2022	j: bi-annually, from 2022-2023
	e: tri-annually, from 2020-2021	h: tri-annually, from 2021-2022	k: tri-annually, from 2022-2023