

# Study Programme

Academic year 2020-2021

## 1 General Courses

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Chemistry I: Structure of Matter	<i>Klaartje De Buysser WE06</i>	5		1	1	1	58	142
2	Physics 1	<i>Matthieu Boone WE05</i>	5		1	1	1	58.5	138
3	Mathematics I	<i>Koen Thas WE01</i>	5		1	1	1	62.5	150
4	Biosphere: Zoology	<i>Wim Bert WE11</i>	5		1	1	1	50	150
5	Introduction to Mineralogy	<i>Stijn Dewaele WE13</i>	5		1	1	1	50	150
6	System Earth: Geology	<i>David Van Rooij WE13</i>	5		1	1	1	49	136
7	Chemistry II: Changes in Matter	<i>Klaartje De Buysser WE06</i>	5		1	2	2	58	142
8	Physics 2	<i>Natalie Jachowicz WE05</i>	5		1	2	2	34.5	125
9	Mathematics II	<i>Koen Thas WE01</i>	5		1	2	2	62.5	150
10	Biosphere: Botany	<i>Annemieke Verbeken WE11</i>	5		1	2	2	50	150
11	Introduction to Petrology	<i>Johan De Grave WE13</i>	5		1	2	2	50	150
12	Earth System: Introduction to Geography	<i>Amaury Frankl WE12</i>	5		1	2	2	49	136
13	Structural Chemistry	<i>Richard Hoogenboom WE07</i>	3		2	3	1	37.5	90
14	Mathematics 3 and Geostatistics [nl, en]	<i>Christophe Ley WE02</i>	5		2	3	1	62.5	150
15	Sedimentology	<i>Maarten Van Daele WE13</i>	5		2	3	1	50	150
16	Stratigraphy	<i>Thijs Vandenbroucke WE13</i>	5		2	3	1	50	150
17	Optical Mineralogy & Petrography	<i>Veerle Cnudde WE13</i>	5		2	3	1	62.5	150
18	Paleontology of plants	<i>Stephen Louwye WE13</i>	5		2	3	1	62.5	150
19	Analytical Chemistry	<i>Mieke Adriaens WE06</i>	7		2	4	2	75	200
20	Physics 3	<i>Toon Verstraelen WE05</i>	5		2	4	2	62.5	150
21	Introduction to Geographical Information Systems and Surveying Engineering	<i>Alain De Wulf WE12</i>	5		2	4	2	62.5	150
22	Geology of Belgium	<i>Marc De Batist WE13</i>	5		2	4	2	62.5	150
23	Structural Geology with Exercises on Geological Maps	<i>Marc De Batist WE13</i>	5		2	4	2	62.5	150
24	Geological Mapping A	<i>Marc De Batist WE13</i>	5		2	4	2	87.5	150
25	Palaeontology of Animals	<i>Thijs Vandenbroucke WE13</i>	5		3	6	1	62.5	150
26	Programming	<i>Peter Dawyndt WE02</i>	5	UKV	3	6	1	50	150
27	Hydrogeology [en]	<i>Thomas Hermans WE13</i>	4		3	5	1	35	105
28	Petrology of Crystalline Rocks	<i>Stijn Dewaele WE13</i>	5		3	5	1	62.5	150
29	Geophysics	<i>Marc De Batist WE13</i>	5		3	5	1	45	150
30	Geology and Sustainability	<i>Stijn Dewaele WE13</i>	4		3	6	2	35	120
31	Remote Sensing	<i>Kristine Walraevens WE13</i>	4		3	6	2	55	120
32	Quaternary Geology	<i>Maarten Van Daele WE13</i>	4		3	6	2	44	120
33	Isotope Geology	<i>Johan De Grave WE13</i>	5		3	6	2	45	150
34	Marine Geology	<i>David Van Rooij WE13</i>	4		3	6	2	35	105

## 2 Elective Courses

*Subscribe to 1 module from the following list. Subject to approval by the faculty.  
Students who have followed the Educational Track, can enter directly into the educational master's programme.*

## 2.1 Geology Track

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Geological Mapping B	<i>Stijn Dewaele WE13</i>	5		3	5	2	87.5	150
2	Sedimentary Geochemistry	<i>Maarten Van Daele WE13</i>	4		3	5	1	40	120

### 2.1.1 Work Experience

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Bachelor Project	<i>David Van Rooij WE13</i>	6		3	6	2	81	150

### 2.1.2 Elective Courses Flemish Community

*Subscribe to 6 credit units from the study programmes of UGent including the [Ghent University elective courses](#), or from the study programmes offered by the institutions of higher education of the Flemish Community, distributed over the first standard learning path as follows: 6 credit units in year 3.*

## 2.2 Educational Track

No.	Course name	Lecturer (dept.)	CRDT	Ref	MT1	MT2	Semester	Contact	Study
1	Powerful Learning Environments	<i>Bram De Wever PP06</i>	6		3		1	40	180
2	Teaching Methodology: Sciences	<i>Katrien Strubbe WE06</i>	6		3		J	45	180
3	Reference Internship: Sciences	<i>Katrien Strubbe WE06</i>	3		3		J	15	90

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### 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 2021-2022	f: annually, from 2022-2023	i: annually, from 2023-2024
b: tri-annually	d: bi-annually, from 2021-2022	g: bi-annually, from 2022-2023	j: bi-annually, from 2023-2024
	e: tri-annually, from 2021-2022	h: tri-annually, from 2022-2023	k: tri-annually, from 2023-2024