GHENT UNIVERSITY

Study Programme

Academic year 2021-2022

Faculty of Sciences

Bachelor of Science in Geology

Language of instruction: Dutch

Programme version 8

1 General Courses 165 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	C001522	Chemistry I: Structure of Matter Klaartje De Buysser -- Department of Chemistry	5		1	A:1	142
2	C000246	Physics 1 Matthieu Boone -- Department of Physics and Astronomy	5		1	A:1	138
3	C000514	Mathematics I Koen Thas -- Department of Mathematics: Algebra and Geometry	5		1	A:1	150
4	C000705	Biosphere: Zoology Wim Bert -- Department of Biology	5		1	A:1	150
5	C000138	Introduction to Mineralogy Stijn Dewaele -- Department of Geology	5		1	A:1	150
6	C000087	System Earth: Geology David Van Rooij -- Department of Geology	5		1	A:1	136
7	C000424	Chemistry II: Changes in Matter Klaartje De Buysser -- Department of Chemistry	5		1	A:2	142
8	C000247	Physics 2 Natalie Jachowicz -- Department of Physics and Astronomy	5		1	A:2	125
9	C001837	Mathematics II Koen Thas -- Department of Mathematics: Algebra and Geometry	5		1	A:2	150
10	C002459	Biosphere: Botany Annemieke Verbeken -- Department of Biology	5		1	A:2	150
11	C000536	Introduction to Petrology Johan De Grave -- Department of Geology	5		1	A:2	150
12	C000884	Earth System: Introduction to Geography Amaury Frankl -- Department of Geography	5		1	A:2	136
13	C000608	Structural Chemistry Richard Hoogenboom -- Department of Organic Chemistry	3		2	A:1	90
14	C002124	Mathematics 3 and Geostatistics [en, nl] Arnout Van Messem -- Department of Applied Mathematics and Computer Science	5		2	A:1	150
15	C003342	Sedimentology Maarten Van Daele -- Department of Geology	5		2	A:1	150
16	C003341	Stratigraphy Thijs Vandenbroucke -- Department of Geology	5		2	A:1	150
17	C001505	Optical Mineralogy & Petrography Veerle Cnudde -- Department of Geology	5		2	A:1	150
18	C003957	Paleontology of Plants Stephen Louwye -- Department of Geology	5		2	A:1	150
19	C002138	Analytical Chemistry Mieke Adriaens -- Department of Chemistry	7		2	A:2	200
20	C000248	Physics 3 Toon Verstraelen -- Department of Physics and Astronomy	5		2	A:2	150
21	C001668	Introduction to Geographical Information Systems and Surveying Engineering	5		2	A:2	150

		Alain De Wulf -- Department of Geography					
22	C000887	Geology of Belgium Marc De Batist -- Department of Geology	5		2	A:2	150
23	C000120	Structural Geology with Exercices on Geological Maps Marc De Batist -- Department of Geology	5		2	A:2	150
24	C003388	Geological Mapping A Marc De Batist -- Department of Geology	5		2	A:2	150
25	C003962	Palaeontology of Animals Thijs Vandenbroucke -- Department of Geology	5		3	A:1	150
26	C003080	Programming Peter Dawyndt -- Department of Applied Mathematics and Computer Science	5	UKV	3	B:1	150
27	C001705	Hydrogeology [en] Thomas Hermans -- Department of Geology	4		3	A:1	105
28	C003961	Petrology of Crystalline Rocks Stijn Dewaele -- Department of Geology	5		3	A:1	150
29	C002463	Geophysics Marc De Batist -- Department of Geology	5		3	A:1	150
30	C004252	Geology and Sustainability Stijn Dewaele -- Department of Geology	4		3	A:2	120
31	C001159	Remote Sensing Rudi Goossens -- Department of Geography	4		3	A:2	120
32	C003960	Quaternary Geology Maarten Van Daele -- Department of Geology	4		3	A:2	120
33	C003959	Isotope Geology Johan De Grave -- Department of Geology	5		3	A:2	150
34	C000724	Marine Geology David Van Rooij -- Department of Geology	4		3	A:2	105

2 Elective Courses — 15 credits

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 — 15 credits

Subscribe to 6 credit units from 1 module from the following list.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	C003389	Geological Mapping B Stijn Dewaele -- Department of Geology	5		3	A:2	150
2	C003958	Sedimentary Geochemistry Maarten Van Daele -- Department of Geology	4		3	A:1	120

2.1.1 Work Experience

Nr	Course		CRDT	Ref	MT1	Session	Study
1	C004253	Bachelor Project David Van Rooij -- Department of Geology	6		3	A:2	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 higer education of the Flemish Community, distributed over the first standard learning path as follows: 6 credit units in year 3.

2.2 Educational Track — 15 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	H002169	Powerful Learning Environments Bram De Wever -- Department of Educational Studies	6		3	A:1	180
2	H002175	Teaching Methodology: Sciences Katrien Strubbe -- Department of Chemistry	6		3	A:J	180
3	H002170	Reference Internship: Sciences Katrien Strubbe -- Department of Chemistry	3		3	A:J	90

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 cours name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Kroatian/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 in 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 2022-2023	f: annually, from 2023-2024	i: annually, from 2024-2025
b: tri-annually	d: bi-annually, from 2022-2023	g: bi-annually, from 2023-2024	j: bi-annually, from 2024-2025
	e: tri-annually, from 2022-2023	h: tri-annually, from 2023-2024	k: tri-annually, from 2024-2025