

Faculty of Sciences

Master of Science in Geology

Language of instruction: Dutch

Programme version 14

1 General Courses

60 credits

Subscribe to 1 major from the following list. Subject to approval by the faculty.

1.1 Major Basins and Orogens

60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C002607 Micropaleontology and Paleo-environmental Reconstruction [en] <i>Stephen Louwye -- Department of Geology</i>	6		1	A:1	150
2	C002646 Field Course: Biosphere Evolution and Stratigraphy [en] <i>Stephen Louwye -- Department of Geology</i>	6		1	A:1	150
3	C002645 Exploration Geophysics [en] <i>David Van Rooij -- Department of Geology</i>	6		1	A:1	150
4	C003335 Origin, Evolution and Modelling of Sedimentary Basins [en] <i>Katleen Wils -- Department of Geology</i>	6		1	A:1	150
5	C003336 Geochronology [en] <i>Johan De Grave -- Department of Geology</i>	6		1	A:1	150
6	C003994 Mineral Resources, Economics and the Environment [en] <i>Stijn Dewaele -- Department of Geology</i>	6		2	A:1	150
7	C003693 Imaging Techniques of Consolidated and Unconsolidated Sediments [en] <i>Veerle Cnudde -- Department of Geology</i>	6		2	A:1	176
8	C002664 Paleoclimatology [en] <i>Dirk Verschuren -- Department of Biology</i>	6		2	A:1	150
9	C003567 Field Course: Geology of Basins and Orogens [en] <i>Johan De Grave -- Department of Geology</i>	6		2	A:1	150
10	C003337 Advanced Sedimentology [en] <i>Maarten Van Daele -- Department of Geology</i>	6		2	A:1	156

1.2 Major Groundwater and Mineral Resources

60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C002655 Groundwater Chemistry [en] <i>Kristine Walraevens -- Department of Geology</i>	6		1	A:1	150
2	C002656 Groundwater Modelling [en] <i>Thomas Hermans -- Department of Geology</i>	6		1	A:1	150
3	C002645 Exploration Geophysics [en] <i>David Van Rooij -- Department of Geology</i>	6		1	A:1	150
4	C003693 Imaging Techniques of Consolidated and Unconsolidated Sediments [en] <i>Veerle Cnudde -- Department of Geology</i>	6		1	A:1	176
5	C003994 Mineral Resources, Economics and the Environment [en] <i>Stijn Dewaele -- Department of Geology</i>	6		1	A:1	150
6	C004415 Hydrogeophysics Project [en] <i>Thomas Hermans -- Department of Geology</i>	6		2	A:1	150
7	C003996 Groundwater and Mineral Resources Apprenticeship [en] <i>Kristine Walraevens -- Department of Geology</i>	6		2	A:1	150

8	C003995	Geology of Building Stones [en] <i>Veerle Cnudde -- Department of Geology</i>	6	2	A:1	176
9	C002651	Geographic Information Systems [en] <i>Nico Van de Weghe -- Department of Geography</i>	6	2	A:1	150
10	C002615	Environmental Impact Assessment [en] <i>Kristine Walraevens -- Department of Geology</i>	6	2	A:1	150

2 Minors 30 credits

2.1 Minor Professionalisation 30 credits

Subscribe to 30 credit units from the following list, with 15 credit units with reference a.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C004256 Professional Apprenticeship <i>Thomas Hermans -- Department of Geology</i>	15	a		A:2	430
2	K001339 Sustainability Thinking <i>Thomas Block -- Department of Political Sciences</i>	5	UKV		A:J	150
3	K001013 Politics of Sustainability <i>Erik Paredis -- Department of Political Sciences</i>	6			A:2	180
4	C002275 Environmental Law <i>Hendrik Schoukens -- Department of European, Public and International Law</i>	5			A:1	125
5	C003771 Databases <i>Guy De Tré -- Department of Telecommunications and Information Processing</i>	6			A:1	180
6	C004179 Geographical Information Processing and Management <i>Nico Van de Weghe -- Department of Geography</i>	5			A:2	150
7	E078920 Environmental Impact Assessment <i>Kristine Walraevens -- Department of Geology</i>	3			A:2	90
8	E076450 Basic Entrepreneurship <i>Yannick Dillen -- Department of Marketing, Innovation and Organisation</i>	3	UKV		A:1	90
9	F000752 Environmental Economics and Policy <i>Brent Bleys -- Department of Economics</i>	4			B:2	120
10	F000859 Corporate Social Responsibility <i>Saskia Crucke -- Department of Marketing, Innovation and Organisation</i>	3			A:2	90
11	E066012 Materials Technology <i>Kim Verbeken -- Department of Materials, Textiles and Chemical Engineering</i>	4			A:2	120
12	F000845 Business Administration <i>Mirjam Knockaert -- Department of Marketing, Innovation and Organisation</i>	4			A:2	120
13	F000551 Business Skills [en] <i>Mieke Audenaert -- Department of Marketing, Innovation and Organisation</i>	4			C:2	120
14	F000093 Financial Markets and Institutions <i>Rudi Vander Vennet -- Department of Economics</i>	5			A:2	150
15	F000758 Economics <i>Bruno Merlevede -- Department of Economics</i>	5			A:1	150
16	F000596 Business Cycles and Growth <i>Freddy Heylen -- Department of Economics</i>	6			A:1	180
17	F000446 Markets and Prices <i>Dirk Van de gaer -- Department of Economics</i>	6			A:1	180
18	F000768 Marketing Management <i>Maggie Geuens -- Department of Marketing, Innovation and Organisation</i>	6			A:1	180

3 Master's Dissertation 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	C002954 Master's Dissertation <i>N. N.</i>	30		2	A:J	900

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