

Faculty of Sciences

Master of Science in Geology

Language of instruction: Dutch

Programme version 15

## 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:2	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>Thomas Hermans -- 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>Tom Bultreys -- 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>Marieke Paepen -- 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>Thomas Hermans -- Department of Geology</i>	6		1	A:1	150
4	C003693 Imaging Techniques of Consolidated and Unconsolidated Sediments [en] <i>Tom Bultreys -- 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>Thomas Hermans -- Department of Geology</i>	6		2	A:1	150

8	C003995	Geology of Building Stones [en] <i>Laurenz Schröer -- 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>Marieke Paepen -- 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	K001013 Politics of Sustainability <i>Erik Paredis -- Department of Political Sciences</i>	6				180
3	C002275 Environmental Law <i>Hendrik Schoukens -- Department of European, Public and International Law</i>	5			A:1	125
4	C003771 Databases <i>Guy De Tré -- Department of Telecommunications and Information Processing</i>	6			A:1	180
5	E076450 Basic Entrepreneurship	3	UKV			90
6	F000752 Environmental Economics and Policy <i>Brent Bleys -- Department of Economics</i>	4			B:2	120
7	F000859 Corporate Social Responsibility <i>Saskia Crucke -- Department of Marketing, Innovation and Organisation</i>	3			A:2	90
8	E066012 Materials Technology <i>Kim Verbeken -- Department of Materials, Textiles and Chemical Engineering</i>	4			A:2	120
9	F000845 Business Administration <i>Mirjam Knockaert -- Department of Marketing, Innovation and Organisation</i>	4			A:2	120
10	F000551 Business Skills [en] <i>Mieke Audenaert -- Department of Marketing, Innovation and Organisation</i>	4			C:2	120
11	F001010 Financial Markets and Institutions <i>Rudi Vander Vennet -- Department of Economics</i>	5			A:2	150
12	F000758 Economics <i>Bruno Merlevede -- Department of Economics</i>	5				150
13	F001009 Business Cycles and Growth <i>Freddy Heylen -- Department of Economics</i>	5			A:1	150
14	F001008 Markets and Prices <i>Dirk Van de gaer -- Department of Economics</i>	5			A:1	150
15	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	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 2027-2028	f: annually, from 2028-2029	i: annually, from 2029-2030
b: tri-annually	d: bi-annually, from 2027-2028	g: bi-annually, from 2028-2029	j: bi-annually, from 2029-2030
	e: tri-annually, from 2027-2028	h: tri-annually, from 2028-2029	k: tri-annually, from 2029-2030