

Study Programme

Academic year 2022-2023

Faculty of Sciences

Bachelor of Science in Geography and Geomatics

Language of instruction: Dutch

Programme version 3

1	General	Courses			165	credits
Nr 1	Course C000514	Mathematics I Koen Thas Department of Mathematics: Algebra and Geometry	CRDT 5	Ref MT1 1	Session A:1	Study 130
2	C000057		5	1	A:1	140
3	C003609	Introduction to Geology Stephen Louwye Department of Geology	5	1	A:1	150
4	C003530	Geodesy [en, nl] Haosheng Huang Department of Geography	5	1	A:2	150
5	F000758	Economics Bruno Merlevede Department of Economics	5	1	A:1	150
6	C001392	Chemistry Katrien Strubbe Department of Chemistry	5	1	A:2	140
7	C001837	Mathematics II Koen Thas Department of Mathematics: Algebra and Geometry	5	1	A:2	130
8	C000673	Physics II Bartel Van Waeyenberge Department of Solid State Sciences	5	1	A:2	150
9	C003868	Physical Geography: Shaping the Earth Surface Amaury Frankl Department of Geography	5	1	A:2	150
10	C003531	Geographic Information Systems (GIS) Nico Van de Weghe Department of Geography	5	1	A:1	150
11	C003857	Surveying Engineering Alain De Wulf Department of Geography	5	1	A:2	150
12	C003858	Social and Economic Geography Valerie De Craene Department of Geography	5	1	A:1	140
13	C003080	Programming Peter Dawyndt Department of Mathematics, Computer Science and Statistics	5	UKV 2	B:1	150
14	C003790	Spatial Analysis I Amaury Frankl Department of Geography	5	2	A:1	150
15	C003860	Climatology and Meteorology David Dehenauw Department of Geography	5	2	A:1	150
16	C003058	Transport Geography Frank Witlox Department of Geography	5	2	A:1	150
17	C003059	Introduction to Mineralogy Stijn Dewaele Department of Geology	3	2	A:1	90
	C001059	Cartography [en, nl] Haosheng Huang Department of Geography	5	2	A:1	150
19	C003859	Introduction to Soil Science Rudi Goossens Department of Geography	5	2	A:2	150
20	C003622	Remote Sensing Rudi Goossens Department of Geography	5	2	A:2	150
21	C001421	Biosphere: Botany Annemieke Verbeken Department of Biology	5	2	A:2	150
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Stefaan Dondeyne Department of Geography 30 C001294 Introduction to Ecology Koen Sabbe Department of Biology 4 3 A:2 31 C003865 Landscape Science II Veerle Van Eetvelde Department of Geography 6 3 A:2 32 C003866 Current Topics in Geography and Geomatics Sil Lanckriet Department of Geography 5 3 A:2 33 C003154 Bachelor Dissertation Nico Van de Weghe Department of Geography 10 3 A:J	Stefan Dondeyne Department of Geography Introduction to Ecology 4 3 A:2 120 Koen Sabbe Department of Biology 6 3 A:2 180 Landscape Science II 6 3 A:2 180 Veerle Van Eetvelde Department of Geography 5 3 A:2 180 Current Topics in Geography and Geomatics sil Lanckriet Department of Geography 5 3 A:2 150 Bachelor Dissertation 10 3 A:J 300		Freke Caset Department of Geography	-			
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2 Elective Courses		33 C003154	4 Bachelor Dissertation	10	3	A:J	300
	e Courses 15 credits	2 Elective	Nico Van de Weghe Department of Geography e 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.		Students who	have followed the Educational Track, can enter directly into the educat	ional master's progran	nme.	45	ana dita
	have followed the Educational Track, can enter directly into the educational master's programme.	· ·				15	credits
	have followed the Educational Track, can enter directly into the educational master's programme. Taphy and Geomatics Track 15 credits		10 credit units from 1 module from the following list.	CRDT R	ef MT1	Session	Study
Subscribe to 10 credit units from 1 module from the following list.	have followed the Educational Track, can enter directly into the educational master's programme.	· ·		CRDT R	ef MT1		
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P Elective Courses		3 C003154	4 Bachelor Dissertation	10	3	A:J	300
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Koen Sabbe Department of Biology 81 C003865 Landscape Science II Veerle Van Eetvelde Department of Geography 6 3 A:2 82 C003866 Current Topics in Geography and Geomatics Sil Lanckriet Department of Geography 5 3 A:2 83 C003154 Bachelor Dissertation Nico Van de Weghe Department of Geography 10 3 A:J	Koen Sabbe Department of Biology Landscape Science II 6 3 A:2 180 Veerle Van Eetvelde Department of Geography 6 3 A:2 180 Current Topics in Geography and Geomatics sil Lanckriet Department of Geography 5 3 A:2 150 Sil Lanckriet Department of Geography 10 3 A:J 300	29 C003869		5	3	A:1	150
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Freke Caset Department of Geography 29 C003869 Regional Geomorphology 5 3 A:1 30 C001294 Introduction to Ecology 4 3 A:2 30 C003865 Landscape Science II 6 3 A:2 31 C003865 Landscape Science II 6 3 A:2 32 C003866 Current Topics in Geography 5 3 A:2 33 C003154 Bachelor Dissertation 10 3 A:3	Freke Caset Department of GeographyRegional Geomorphology Stefaan Dondeyne Department of Geography53A:1150Introduction to Ecology Koen Sabbe Department of Biology43A:2120Landscape Science II Veerle Van Eetvelde Department of Geography63A:2180Current Topics in Geography and Geomatics sil Lanckriet Department of Geography53A:2150Bachelor Dissertation103A:J300	27 C003771	1 Databases Guy De Tré Department of Telecommunications and Information Processing	6	3	A:1	180
Guy De Tré Department of Telecommunications and Information Processing 28 C003624 Population and Urban Geography 5 3 A:1 29 C003869 Regional Geomorphology 5 3 A:1 29 C003869 Regional Geomorphology 5 3 A:1 30 C001294 Introduction to Ecology 4 3 A:2 30 C003865 Landscape Science II 6 3 A:2 31 C003866 Current Topics in Geography 5 3 A:2 32 C003866 Current Topics in Geography 5 3 A:2 33 C003154 Bachelor Dissertation 10 3 A:3	Guy De Tré Department of Telecommunications and Information ProcessingPopulation and Urban Geography53A:1150Freke Caset Department of Geography53A:1150Regional Geomorphology Stefaan Dondeyne Department of Geography53A:1150Introduction to Ecology Koen Sabbe Department of Biology43A:2120Landscape Science II Veerle Van Eetvelde Department of Geography63A:2180Current Topics in Geography53A:2150Sil Lanckriet Department of Geography103A:J300	26 C003864	4 Spatial Analysis II Frank Witlox Department of Geography	5	3	A:1	150
Frank Wittox Department of Geography 6 3 A:1 Frank Wittox Department of Telecommunications and Information Processing 6 3 A:1 28 C003624 Population and Urban Geography 5 3 A:1 29 C003869 Regional Geomorphology Stefaan Dondeyne Department of Geography 5 3 A:1 30 C001294 Introduction to Ecology Keen Sabbe Department of Biology 4 3 A:2 31 C003865 Landscape Science II Veerle Van Eetvelde Department of Geography 6 3 A:2 32 C003866 Current Topics in Geography Bachelor Dissertation Nico Van de Weghe Department of Geography 10 3 A:2	Frank Wittox Department of GeographyDatabases Guy De Tré Department of Telecommunications and Information Processing63A:1180Population and Urban Geography Freke Caset Department of Geography53A:1150Regional Geomorphology Stefaan Dondeyne Department of Geography53A:1150Introduction to Ecology Keen Sabbe Department of Biology43A:2120Landscape Science II Veerle Van Eetvelde Department of Geography63A:2180Current Topics in Geography sil Lanckriet Department of Geography53A:2150Bachelor Dissertation103A:J300	25 C003863	3 Topometry Alain De Wulf Department of Geography	4	2	A:2	120
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Veerle Van Eetvelde Department of Geography 4 2 A:2 5 C003863 Topometry Alain De Wulf Department of Geography 5 3 A:1 6 C003864 Spatial Analysis II Frank Wittox Department of Geography 5 3 A:1 7 C003771 Databases Guy De Tré Department of Telecommunications and Information Processing 6 3 A:1 8 C003624 Population and Urban Geography Freek Caset Department of Geography 5 3 A:1 9 C003869 Regional Geomorphology Stefaan Dondeyne Department of Geography Koen Sabbe Department of Geography 5 3 A:1 1 C003865 Landscape Science II Veerle Van Eetvelde Department of Geography 6 3 A:2 2 C003866 Current Topics in Geography Si Lanckriet Department of Geography 5 3 A:2 3 Co03154 Bachelor Dissertation No Van de Weghe Department of Geography 10 3 A:3	Veerle Van Eetvelde Department of Geography42A:2120Alain De Wulf Department of Geography53A:1150Spatial Analysis II Frank Wittox Department of Geography53A:1150Databases Guy De Tré Department of Telecommunications and Information Processing63A:1180Population and Urban Geography Freke Caset Department of Geography53A:1150Regional Geomorphology Stefaan Dondeyne Department of Geography53A:1150Introduction to Ecology Veerle Van Eetvelde Department of Geography63A:2120Current Topics in Geography Sit Lanckriet Department of Geography63A:2180Bachelor Dissertation103A:330033		Johan De Grave Department of Geology	3	2	A:2	90
Johan De Grave Department of Geology 4 C003862 Landscape Science I Veerle Van Eetvelde Department of Geography 5 2 A:2 5 C003863 Topometry Alain De Wulf Department of Geography 4 2 A:2 6 C003864 Spatial Analysis II Frank Wittox Department of Geography 5 3 A:1 7 C003771 Databases Guy De Tré Department of Telecommunications and Information Processing 6 3 A:1 8 C003864 Population and Urban Geography Freke Caset Department of Geography 5 3 A:1 9 C003869 Regional Geomorphology Stefaan Dondeyne Department of Geography 5 3 A:1 1 C003865 Landscape Science II Veerle Van Eetvelde Department of Geography 6 3 A:2 2 C003866 Current Topics in Geography 5 3 A:2 2 C003866 Current Topics in Geography and Geomatics Sil Lanckriet Department of Geography 5 3 A:2 3 C003154 Bachelor Dissertation Nico Van de Weghe Department of Geography 10 3 A:3 <td>Johan De Grave Department of GeologyLandscape Science I Veerle Van Eetvelde Department of Geography52A:2150Topometry Alain De Wulf Department of Geography42A:2120Spatial Analysis II Frank Wittox Department of Geography53A:1150Databases Guy De Tré Department of Geography63A:1180Duy De Tré Department of Geography53A:1180Population and Urban Geography Freke Caset Department of Geography53A:1150Population and Urban Geography Freke Caset Department of Geography53A:1150Introduction to Ecology Keen Sabbe Department of Geography53A:1150Introduction to Ecology Keer Sabbe Department of Geography63A:2120Current Topics in Geography Si Lanckriet Department of Geography63A:2120Bachelor Dissertation103A:J300</td> <td>2 H001647</td> <td>Mart Willekens Department of Sociology</td> <td></td> <td></td> <td></td> <td></td>	Johan De Grave Department of GeologyLandscape Science I Veerle Van Eetvelde Department of Geography52A:2150Topometry Alain De Wulf Department of Geography42A:2120Spatial Analysis II Frank Wittox Department of Geography53A:1150Databases Guy De Tré Department of Geography63A:1180Duy De Tré Department of Geography53A:1180Population and Urban Geography Freke Caset Department of Geography53A:1150Population and Urban Geography Freke Caset Department of Geography53A:1150Introduction to Ecology Keen Sabbe Department of Geography53A:1150Introduction to Ecology Keer Sabbe Department of Geography63A:2120Current Topics in Geography Si Lanckriet Department of Geography63A:2120Bachelor Dissertation103A:J300	2 H001647	Mart Willekens Department of Sociology				

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	
ua. Danish	en. English	It. Italian	no. Norwegian	Tu. Russian	SV. Swedisii	

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 2023-2024	f: annually, from 2024-2025
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025

i: annually, from 2025-2026 j: bi-annually, from 2025-2026

k: tri-annually, from 2025-2026