

Programme jointly offered by Ghent University, Universiteit Antwerpen, KU Leuven, Vrije Universiteit Brussel, Transnational University Limburg  
Master of Science in Global Health

Language of instruction: English

Programme version 7

## 1 General Courses 65 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013095 Global Health Challenges <i>Peter Hoet -- KU Leuven</i>	10		1	A:1	300
2	D013096 Global Health Governance and Leadership <i>David Haljan -- Hasselt University</i>	10		1	A:1	300
3	D013521 Research Methods in Global Health I-A <i>Jean-Pierre Van Geertruyden -- Universiteit Antwerpen</i>	5		1	A:1	150
4	D013649 Health Systems <i>Jean-Pierre Van Geertruyden -- Universiteit Antwerpen</i>	10		1	A:2	300
5	D013098 Health Promotion and Disease Prevention <i>Peter Delobelle -- Vrije Universiteit Brussel</i>	10		1	A:2	300
6	D013522 Research Methods in Global Health I-B <i>Steven Abrams -- Universiteit Antwerpen</i>	6		1	A:2	180
7	D013100 Essential Skills in Global Health I <i>Olivier Degomme -- Department of Public Health and Primary Care</i>	6		1	A:J	180
8	D013102 Research Methods in Global Health II <i>Sibyl Anthierens -- Universiteit Antwerpen</i>	5		2	A:1	150
9	D013103 Essential Skills in Global Health II <i>Olivier Degomme -- Department of Public Health and Primary Care</i>	3		2	A:1	90

## 2 Majors

A student chooses one of the majors.

### 2.1 Major Global Health Policy and Programmes

16 credits

The student will compose his/her curriculum taking into account:

At least 16 ECTS will be taken out of the mentioned lists, as follows:

- Subscribe to at least 9 ECTS of thematical courses. These courses can be taken out of the List with Thematical Courses or from the course offerings of all the universities of the Flemish Community. Subject to approval by the faculty.  
Topics: GLGH = Global Health and Societies; GLID = Infectious Diseases; GLMH = Mental Health; GLNC = Non Communicable Diseases; GLMC = Maternal and Child Health; GLDA = Drug Abuse; GLGD = Violence, Conflict and Humanitarian Situations; GLEN = Environmental and Social Determinants; GLEC = Environment and Climate Change; GLDI = Disabilities; GLUH = Urban Health and Migration
- Subscribe to at least 3 ECTS of methodological courses. These courses can be taken out of the List of Methodological Courses or from the course offerings of all the universities of the Flemish Community. Subject to approval by the faculty.

#### 2.1.1 List with Thematical Courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013140 Ecology, Epidemiology and Control of Infectious Diseases <i>Universiteit Antwerpen, Herwig Leirs</i>	6	GLID	2	A:1	168
2	I002784 Food and Nutrition Policies <i>Joost Dessen -- Department of Agricultural Economics</i>	5	GLEN	2	A:2	150

3	D013144	Sustainable Mobility and Logistics <i>Vrije Universiteit Brussel, Cathy Macharis</i>	3	GLEC	2	A:1	90
4	D013262	Global Water Problems and Integrated Water Management <i>Universiteit Antwerpen, Stefan Van Damme</i>	3	GLEC	2	A:1	90
5	H002200	Disability Studies [nl] <i>Elisabeth De Schauwer -- Department of Special Education</i>	6	GLDI	2	A:1	180
6	D013516	Housing and the City <i>KU Leuven, Manuel Aalbers</i>	6	GLUH	2	A:1	172
7	D013518	Maternal and Newborn Health in a Globalizing World <i>Kristien Roelens -- Department of Human Structure and Repair</i>	3	GLMC	2	A:1	75

## 2.1.2 List with Methodological Courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013149 Sampling Theory <i>Universiteit Hasselt, Geert Molenberghs -- Hasselt University</i>	5	RES D	2	A:2	135
2	D013407 Metrics Exposure and Outcome Assessment <i>Universiteit Antwerpen, Annelies Van Rie</i>	3	RES D	2	A:2	90
3	D013256 Data Management <i>Universiteit Hasselt, Jan Aerts</i>	5	RES D	2	A:1	135
4	D013154 Evaluating Development Effectiveness <i>Universiteit Antwerpen, Nathalie Holvoet</i>	12	REEC	2	A:2	336
5	D013408 Spatial Epidemiology <i>Universiteit Hasselt, Christel Faes -- Hasselt University</i>	6	RESA	2	A:1	162
6	D013409 Linear Models <i>Universiteit Hasselt, Olivier Thas</i>	5	REAS	2	A:1	135
7	D013410 Programming in R <i>Universiteit Hasselt, Ziv Shkedy -- Hasselt University</i>	3	REAS	2	A:1	81
8	D013412 Principles of Statistical Inference <i>Universiteit Hasselt, Anneleen Verhasselt -- Hasselt University</i>	3	REAS	2	A:1	81
9	D013411 Survival Data Analysis <i>Universiteit Hasselt, Tomasz Burzykowski -- Hasselt University</i>	3	REAS	2	A:1	81
10	D013263 Introduction to Bayesian Inference <i>Universiteit Hasselt, Christel Faes -- Hasselt University</i>	4	REAS	2	A:2	108

## 2.1.3 Elective courses universities of the Flemish Community

## 2.2 Major Research Methods and Tools

16 credits

The student will compose his curriculum taking in account:

At least 16 ECTS will be taken out of the mentioned lists, as follows:

- Subscribe to at least 3 ECTS of thematical courses. These courses can be taken out of the List of Thematical Courses or from the course offerings of all the universities of the Flemish Community. Subject to approval by the faculty.
- Subscribe to at least 9 ECTS of methodological courses. These courses can be taken out of the List with Methodological Courses or from the course offerings of all the universities of the Flemish Community. Subject to approval by the faculty.

RES D = Study Design and Data Collection; REAS = Advanced Statistical Analysis; REEC = Economic and Cost-effectiveness Analysis; RESA = Spatial Analysis and GIS; REID = Infectious Disease Modelling

## 2.2.1 List with Thematical Courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013140 Ecology, Epidemiology and Control of Infectious Diseases <i>Universiteit Antwerpen, Herwig Leirs</i>	6	GLID	2	A:1	168
2	I002784 Food and Nutrition Policies <i>Joost Dessein -- Department of Agricultural Economics</i>	5	GLEN	2	A:2	150
3	D013144 Sustainable Mobility and Logistics <i>Vrije Universiteit Brussel, Cathy Macharis</i>	3	GLEC	2	A:1	90
4	D013262 Global Water Problems and Integrated Water Management <i>Universiteit Antwerpen, Stefan Van Damme</i>	3	GLEC	2	A:1	90
5	H002200 Disability Studies [nl] <i>Elisabeth De Schauwer -- Department of Special Education</i>	6	GLDI	2	A:1	180
6	D013516 Housing and the City <i>KU Leuven, Manuel Aalbers</i>	6	GLUH	2	A:1	172

7	D013518	Maternal and Newborn Health in a Globalizing World <i>Kristien Roelens -- Department of Human Structure and Repair</i>	3	GLMC	2	A:1	75
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## 2.2.2 List with methodological courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013149 Sampling Theory <i>Universiteit Hasselt, Geert Molenberghs -- Hasselt University</i>	5	RESD	2	A:2	135
2	D013407 Metrics Exposure and Outcome Assessment <i>Universiteit Antwerpen, Annelies Van Rie</i>	3	RESD	2	A:2	90
3	D013256 Data Management <i>Universiteit Hasselt, Jan Aerts</i>	5	RESD	2	A:1	135
4	D013154 Evaluating Development Effectiveness <i>Universiteit Antwerpen, Nathalie Holvoet</i>	12	REEC	2	A:2	336
5	D013408 Spatial Epidemiology <i>Universiteit Hasselt, Christel Faes -- Hasselt University</i>	6	RESA	2	A:1	162
6	D013409 Linear Models <i>Universiteit Hasselt, Olivier Thas</i>	5	REAS	2	A:1	135
7	D013410 Programming in R <i>Universiteit Hasselt, Ziv Shkedy -- Hasselt University</i>	3	REAS	2	A:1	81
8	D013412 Principles of Statistical Inference <i>Universiteit Hasselt, Anneleen Verhasselt -- Hasselt University</i>	3	REAS	2	A:1	81
9	D013411 Survival Data Analysis <i>Universiteit Hasselt, Tomasz Burzykowski -- Hasselt University</i>	3	REAS	2	A:1	81
10	D013263 Introduction to Bayesian Inference <i>Universiteit Hasselt, Christel Faes -- Hasselt University</i>	4	REAS	2	A:2	108

## 2.2.3 Elective courses universities of the Flemish Community

### 3 Work Placement 14 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013104 Internship <i>Olivier Degomme -- Department of Public Health and Primary Care</i>	14		2	B:J	420

### 4 Master's Dissertation 25 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013101 Master Dissertation I <i>Sibyl Anthierens -- Universiteit Antwerpen</i>	3		1	A:J	90
2	D013105 Master Dissertation II <i>Sibyl Anthierens -- Universiteit Antwerpen</i>	22		2	A:J	660

#### 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 2026-2027	f: annually, from 2027-2028	i: annually, from 2028-2029
b: tri-annually	d: bi-annually, from 2026-2027	g: bi-annually, from 2027-2028	j: bi-annually, from 2028-2029
	e: tri-annually, from 2026-2027	h: tri-annually, from 2027-2028	k: tri-annually, from 2028-2029