

Faculty of Medicine and Health Sciences, Faculty of Psychology and Educational Sciences

Master of Science in Teaching in Health Sciences -- Medical Sciences

Language of instruction: Dutch

Programme version 7

1 Domain Component

Subscribe to 1 Track from the following list. Subject to approval by the faculty.
The track corresponds to the student's prior education.

1.1 Medicine Track

57 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013005 Problems of Lungs, Haematopoietic Organs and Kidneys <i>Fritz Offner -- Department of Internal Medicine and Pediatrics</i>	8		1	A:1	240
2	D013004 Problems of Heart and Circulation <i>Michel De Pauw -- Department of Internal Medicine and Pediatrics</i>	8		1	A:1	240
3	D012481 Problems of the Elderly <i>Ruth Piers -- Department of Internal Medicine and Pediatrics</i>	4		1	A:2	120
4	D013007 Problems of the Locomotor System <i>Jan Victor -- Department of Human Structure and Repair</i>	8		1	A:2	240
5	D012360 Problems of Mental Health and Nervous System <i>Paul Boon -- Department of Head and Skin</i>	7		2	A:1	210
6	D013014 Problems of Clinical Genetics & Paediatrics <i>Ann Raes -- Department of Internal Medicine and Pediatrics</i>	5		2	A:1	150
7	D012361 Health and Society III <i>Lutgart Braeckman -- Department of Public Health and Primary Care</i>	4		2	A:1	120
8	D013008 Exploration and Ethics IV <i>Lutgart Braeckman -- Department of Public Health and Primary Care</i>	4		1	A:J	120
9	D013065 Medical Problem Solving and Evidence Based Medicine III <i>Stefan Heytens -- Department of Public Health and Primary Care</i>	5		1	A:J	150
10	D013056 Specialist Course <i>Patrick Van de Voorde -- Department of Basic and Applied Medical Sciences</i>	4		2	A:2	120

1.2 Dentistry Track

57 credits

1.2.1 General Courses

49 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013043 Metabolism, the Gastrointestinal System and the Endocrine System <i>Vanessa Dubois -- Department of Basic and Applied Medical Sciences</i>	3		1	A:1	90
2	D013042 Paediatric Dentistry <i>Sivaprakash Rajasekharan -- Department of Oral Health Sciences</i>	3		1	A:1	90
3	D002295 Oral Pathology <i>Jo Van Dorpe -- Department of Diagnostic Sciences</i>	3		1	A:1	90
4	D013068 Prosthetic Dentistry : Removable Partial Dentures <i>Stefan Vandeweghe -- Department of Oral Health Sciences</i>	4		1	A:1	120
5	D013044 Dento-Maxillofacial Traumatology <i>Sivaprakash Rajasekharan -- Department of Oral Health Sciences</i>	3		1	A:2	90
6	D012366 Dental Materials and Bio-engineering <i>Jan Cosyn -- Department of Oral Health Sciences</i>	3		1	A:2	90

7	D012970	Manual Skills : Paediatric Dentistry, Prosthetic Dentistry, Orthodontics and Restorative Dentistry <i>Jeroen Moortgat -- Department of Oral Health Sciences</i>	5	1	A:J	150
8	D012969	Clinical Skills : Ergonomics, Communication, Oral Surgery, Radiology, CPR <i>Mieke De Bruyne -- Department of Oral Health Sciences</i>	3	1	A:J	90
9	D012968	Community Dentistry and Oral Public Health : Practice <i>Martijn Lambert -- Department of Oral Health Sciences</i>	3	1	A:J	75
10	D012971	Digital Dentistry and Technical Evolutions <i>Stefan Vandeweghe -- Department of Oral Health Sciences</i>	4	2	A:1	120
11	D012972	Management of Dental Practice, including Ethics and Deontology <i>Tom Goffin -- Department of Public Health and Primary Care</i>	4	2	A:1	120
12	D012973	Gerodontology <i>Barbara Janssens -- Department of Oral Health Sciences</i>	3	2	A:2	90
13	D013032	Maxillo Facial Pathology and Surgery <i>Wouter Huvenne -- Department of Head and Skin</i>	5	2	A:2	130
14	D013033	Oral Implantology <i>Jan Cosyn -- Department of Oral Health Sciences</i>	3	2	A:2	75

1.2.2 Elective Courses

8 credits

Subscribe to 8 credit units from the [Ghent University study programmes](#). Subject to approval by the faculty. Students can also take courses from the [Ghent University Elective Courses](#).

1.3 Biomedical Sciences Track

56 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D012176 Bio-Ethics in Experimental Medicine [en] <i>Katya De Groote -- Department of Internal Medicine and Pediatrics</i>	3		1	A:1	90
2	D012528 Cell and Gene Therapy [en] <i>Bart Vandekerckhove -- Department of Diagnostic Sciences</i>	4		1	A:1	120
3	D012527 Good Clinical Practice - Clinical studies [en] <i>Sylvie Rottey -- Department off Basic and Applied Medical Sciences</i>	3		1	A:2	90
4	D012514 Medical Seminars [en] <i>Tania Maes -- Department of Internal Medicine and Pediatrics</i>	3		2	A:J	75
5	D013626 Laboratory Quality Management and Assurance [en] <i>Peter Van Eenoo -- Department of Diagnostic Sciences</i>	3		1	A:1	75
6	D013627 Research Proposal Biomedical Sciences [en] <i>Philip Meuleman -- Department of Diagnostic Sciences</i>	4		1	A:2	120
7	D013628 Large Scale Analysis of Biomedical Data [en] <i>Katleen De Preter -- Department of Biomolecular Medicine</i>	4		1	A:1	100
8	D013637 Major Internship Biomedical Sciences [en] <i>Kaat Durinck -- Department of Biomolecular Medicine</i>	6		1	A:J	180

1.3.1 Elective Courses

26 credits

Choose 1 major out of the master programme biomedical sciences (for 30 ECTS)

1.4 Rehabilitation Sciences and Physiotherapy Track

57 credits

1.4.1 General Courses

27 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D012731 Clinical Reasoning in Rehabilitation and Physiotherapy [en] <i>Annelies Maenhout -- Department of Rehabilitation Sciences</i>	6		1	A:2	180
2	D013315 Rehabilitation and Physiotherapy of the Uro-Gynaecological System <i>Karel Everaert -- Department of Human Structure and Repair</i>	4		1	A:1	120
3	D013310 Rehabilitation and Physiotherapy of the Musculoskeletal System: Thoracal and Cervical Spine <i>Barbara Cagnie -- Department of Rehabilitation Sciences</i>	5		1	A:1	150
4	D013316 Management in Rehabilitation and Physiotherapy <i>Dirk Cambier -- Department of Rehabilitation Sciences</i>	6		2	A:2	180
5	D012732 Exercise is Medicine <i>Marieke De Craemer -- Department of Rehabilitation Sciences</i>	6		1	A:J	150

1.4.2 Elective Courses

30 credits

1.5 Speech Language and Hearing Sciences Track

56 credits

1.5.1 General Courses

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013192 Mediosocial and Public Health Legislation and Organisation <i>Tom Goffin -- Department of Public Health and Primary Care</i>	3		2	A:2	90
2	D013708 Medical imaging <i>Geert Villeirs -- Department of Diagnostic Sciences</i>	4		1	A:1	120
3	D012535 Health Economics <i>Dominique Vandijck -- Department of Public Health and Primary Care</i>	5		1	A:1	150
4	D013709 Societal and global development 1 <i>Leen Maes -- Department of Rehabilitation Sciences</i>	3		1	A:J	90
5	D013710 Societal and global development 2 <i>Leen Maes -- Department of Rehabilitation Sciences</i>	3		2	A:J	90

1.5.2 Elective Courses

18 credits

1.5.2.1 Option Speech Language

18 credits

1.5.2.1.1 Major Learning and Technology

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013712 Learning Disorders in context <i>Petra Warreyn -- Department of Experimental Clinical and Health Psychology</i>	3		1	A:1	90
2	D013713 Instrumental Phonetics <i>Youri Maryn -- Department of Rehabilitation Sciences</i>	3		1	A:1	90
3	D013714 Alternative Communication and artificial intelligence <i>Kristiane Van Lierde -- Department of Rehabilitation Sciences</i>	3		1	A:1	90

1.5.2.1.2 Major Voice and Swallow

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013715 Voice and swallowing disorders <i>Kristiane Van Lierde -- Department of Rehabilitation Sciences</i>	3		1	A:1	90
2	D013716 Gender diversity in voice and communication <i>Evelien D'haeseleer -- Department of Rehabilitation Sciences</i>	3		1	A:1	90
3	D013717 Facial pathology <i>Kristiane Van Lierde -- Department of Rehabilitation Sciences</i>	3		1	A:1	90

1.5.2.1.3 Major Neurology of Language, Speech and Swallowing

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013718 Neuropathology and -physiology of speech, language and swallowing <i>Patrick Santens -- Department of Head and Skin</i>	3		1	A:1	90
2	D013719 Applied neurolinguistics, including multilingualism <i>Miet De Letter -- Department of Rehabilitation Sciences</i>	3		1	A:1	90
3	D012767 Cognitive Rehabilitation and Functional Plasticity <i>MARIJKE MIATTON -- Department of Head and Skin</i>	3		1	B:1	90

1.5.2.1.4 Major Speech, Language and Resonance

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013721 Developmental Speech and Language Disorders <i>Evelien D'haeseleer -- Department of Rehabilitation Sciences</i>	3		2	A:1	90
2	D013722 Resonance disorders <i>Kristiane Van Lierde -- Department of Rehabilitation Sciences</i>	3		2	A:1	90
3	D012282 Clinical and Logopaedic Aspects of the Cochlear Implant <i>Ingeborg Dhooge -- Department of Head and Skin</i>	3		2	A:1	90

1.5.2.1.5 Major Stuttering and Cluttering

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013723 Scientific aspects of stuttering <i>Kurt Eggers -- Department of Rehabilitation Sciences</i>	3		2	A:1	90

2	D013724	Evidence-based treatment of stuttering and cluttering <i>Kurt Eggers -- Department of Rehabilitation Sciences</i>	3	2	A:1	90
3	H002387	Behavior Analysis [en]	3	2	A:2	90
1.5.2.2 Option Audiological Sciences						18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013729 Auditory Neurosciences1 <i>Bart Vinck -- Department of Rehabilitation Sciences</i>	3		1	A:1	90
2	D013733 Vestibular Neurosciences 2 <i>Leen Maes -- Department of Rehabilitation Sciences</i>	3		2	A:1	90
3	D013882 Vestibular Neurosciences 1 <i>Leen Maes -- Department of Rehabilitation Sciences</i>	4		1	A:1	120
4	D013883 Pediatric audiology and vestibulogy <i>Leen Maes -- Department of Rehabilitation Sciences</i>	4		1	A:1	120
5	D013884 Auditory Neurosciences 2 <i>Hannah Keppler -- Department of Rehabilitation Sciences</i>	4		2	A:1	120

1.5.3 Internship 20 credits

1.5.3.1 Option Logopaedics

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013725 Master internship in Logopaedics 1 <i>Kristiane Van Lierde -- Department of Rehabilitation Sciences</i>	20		1	A:J	505

1.5.3.2 Option Audiology

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013737 Master internship in Audiology 1 <i>Leen Maes -- Department of Rehabilitation Sciences</i>	20		1	A:J	505

2 Teaching Component 39 credits

2.1 12 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	H002478 The Student: Development and Motivation <i>Wim Beyers -- Department of Developmental, Personality and Social Psychology</i>	6			A:1	180
2	H002477 The Teacher within Class, School and Society <i>Melissa Tuytens -- Department of Educational Studies</i>	6			A:2	180

2.2 Programme Pathway Teaching Methodology 9 credits

Your prior Education determines to which Teaching Methodology Course you have direct access to.

- Bachelors revalidatiewetenschappen en kinesitherapie: Teaching Methodology Biology or Health Sciences II
- Bachelors biomedische wetenschappen: Teaching Methodology Biology, Chemistry or Health Sciences II
- Bachelors logopedische en audilogische wetenschappen: Teaching Methodology Dutch as a Foreign Language or Health Sciences II
- Bachelor geneeskunde en Bachelor tandheelkunde: Teaching Methodology Biology or Health Sciences II

If you are able to demonstrate that you have acquired at least 30 academic credits in another specific domain (60 credits if it concerns a language), you can submit a request to educatievemaester@ugent.be to take the corresponding teaching methodology course. When you are allowed to do so, then you must take the corresponding internship in the Programme Pathway Internship.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	H002572 Teaching Methodology: Biology <i>Dominique Adriaens -- Department of Biology</i>	9			J:J	270
2	H002573 Teaching Methodology: Chemistry <i>Katrien Strubbe -- Department of Chemistry</i>	9			J:J	270
3	H002588 Teaching Methodology: Health Sciences II <i>Leen Haerens -- Department of Movement and Sports Sciences</i>	9			B:2	270
4	H002591 Teaching Methodology: Dutch as a Foreign Language <i>Bart Deygers -- Department of Translation, Interpreting and Communication</i>	9			J:J	270

2.3 Programme Pathway Internship 18 credits

Subscribe to 18 credit units from the following list, with

- 9 credit units from the courses with reference a,
- 9 credit units from the courses with reference b.

The course with reference b corresponds with the chosen Teaching Methodology course in the Programme Pathway Teaching Methodology.

Have you received permission to take a different teaching methodology course in the Programme Pathway Teaching Methodology, please contact educatievemaester@ugent.be to have the corresponding internship added to your curriculum.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	H002589 Internship Health Sciences I <i>Leen Haerens -- Department of Movement and Sports Sciences</i>	9	a			270
2	H002577 Internship Biology <i>Dominique Adriaens -- Department of Biology</i>	9	b			270
3	H002576 Internship Chemistry <i>Katrien Strubbe -- Department of Chemistry</i>	9	b			270
4	H002590 Internship Health Sciences II <i>Leen Haerens -- Department of Movement and Sports Sciences</i>	9	b			270
5	H002592 Internship Dutch as a Foreign Language <i>Chloé Lybaert -- Department of Translation, Interpreting and Communication</i>	9	b			270

3 Master's Dissertation

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D013161 Master's Dissertation	24		2	A:J	720
2	D013162 Master's Dissertation	25		2	A:J	750
3	D013163 Master's Dissertation	26		2	A:J	780

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