

Faculty of Medicine and Health Sciences

Preparatory Course Master of Science in Biomedical Sciences

Language of instruction: Dutch

Programme version 1

1 General Courses 25 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D001283 Human Genetics <i>Elfride De Baere -- Department of Biomolecular Medicine</i>	3		1	A:1	90
2	D000544 Cell and Tissue Culture <i>Elly De Vlieghe -- Department of Human Structure and Repair</i>	4		1	A:1	120
3	D001052 Biomedical Analysis II <i>Jolanda van Hengel -- Department of Human Structure and Repair</i>	3		1	A:1	90
4	D000710 Protein Chemistry <i>Kris Gevaert -- Department of Biomolecular Medicine</i>	4		1	A:1	120
5	D000649 Epidemiology <i>Delphine De Smedt -- Department of Public Health and Primary Care</i>	3		1		90
6	D001547 Human Pathogenesis	8		1	A:2	240

2 Elective Courses 129 credits

2.1 Specific Courses for Bachelors of Bioscience Engineering 33 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D001752 Developmental Biology <i>Kris Vleminckx -- Department of Molecular Biology</i>	3		1	A:2	90
2	D012689 Bio-informatics <i>Lennart Martens -- Department of Biomolecular Medicine</i>	3		1	A:2	90
3	D001405 Medical Gene Technology <i>Jan Gettemans -- Department of Biomolecular Medicine</i>	4		1	A:2	120
4	D001756 Immunology <i>Georges Leclercq -- Department of Diagnostic Sciences</i>	4		1	A:2	120
5	D000314 Embryology and Organogenesis <i>Dmitri Krysko -- Department of Human Structure and Repair</i>	6		1	A:1	180
6	D000835 Physiology of the Organ Systems <i>Patrick Wouters -- Department off Basic and Applied Medical Sciences</i>	6		1	A:1	180
7	D001684 Cytology and General Histology <i>Anne Vral -- Department of Human Structure and Repair</i>	7		1		210

2.2 Specific Courses for Bachelors of Biochemistry and Biotechnology 25 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D001533 Cell Biology <i>Anne Vral -- Department of Human Structure and Repair</i>	7		1	A:2	210
2	D000314 Embryology and Organogenesis <i>Dmitri Krysko -- Department of Human Structure and Repair</i>	6		1	A:1	180
3	D000835 Physiology of the Organ Systems <i>Patrick Wouters -- Department off Basic and Applied Medical Sciences</i>	6		1	A:1	180
4	D001006 Functional anatomy <i>Dmitri Krysko -- Department of Human Structure and Repair</i>	6		1	A:2	180

2.3 Specific Courses for Bachelors of Veterinary Medicine 30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D001752 Developmental Biology <i>Kris Vleminckx -- Department of Molecular Biology</i>	3		1	A:2	90
2	D002150 Molecular Biology II <i>Frank Peelman -- Department of Biomolecular Medicine</i>	8		1	A:1	210
3	D012689 Bio-informatics <i>Lennart Martens -- Department of Biomolecular Medicine</i>	3		1	A:2	90
4	D001405 Medical Gene Technology <i>Jan Gettemans -- Department of Biomolecular Medicine</i>	4		1	A:2	120
5	D012688 Literature Review Biomedical Research II <i>Jolanda van Hengel -- Department of Human Structure and Repair</i>	5		1		150
6	D000755 Biochemistry II <i>Lennart Martens -- Department of Biomolecular Medicine</i>	7		1	A:1	210

2.4 Specific Courses for Bachelors of Medicine

41 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	D001752 Developmental Biology <i>Kris Vleminckx -- Department of Molecular Biology</i>	3		1	A:2	90
2	D002150 Molecular Biology II <i>Frank Peelman -- Department of Biomolecular Medicine</i>	8		1	A:1	210
3	D012689 Bio-informatics <i>Lennart Martens -- Department of Biomolecular Medicine</i>	3		1	A:2	90
4	D001405 Medical Gene Technology <i>Jan Gettemans -- Department of Biomolecular Medicine</i>	4		1	A:2	120
5	D000129 Biological Model Systems <i>Jolanda van Hengel -- Department of Human Structure and Repair</i>	3		1		75
6	D001304 Selected Topics General and Organic Chemistry <i>Peter Dubruel -- Department of Organic Chemistry</i>	5		1	A:1	150
7	D002210 Selected Topics Data Analysis I <i>Chris Cornelis -- Department of Mathematics, Computer Science and Statistics</i>	3		1	A:1	90
8	D002147 Selected Topics Physics <i>Ans Baeyens -- Department of Human Structure and Repair</i>	5		1	A:1	150
9	D001609 Biomedical Analysis I <i>Peter Van Eenoo -- Department of Diagnostic Sciences</i>	7		1	A:2	210

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 2022-2023	f: annually, from 2023-2024	i: annually, from 2024-2025
b: tri-annually	d: bi-annually, from 2022-2023	g: bi-annually, from 2023-2024	j: bi-annually, from 2024-2025
	e: tri-annually, from 2022-2023	h: tri-annually, from 2023-2024	k: tri-annually, from 2024-2025