



**Faculty of Pharmaceutical Sciences
Master of Science in Drug Development**

Language of instruction: Dutch

Programme version 4

1 General Courses						54 credits	
Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000422	Biotechnology and Protein Medicines <i>Dieter Deforce -- Department of Pharmaceutics</i>	6		1	A:1	180
2	J000423	Immunology and Immunotherapeutics <i>Dieter Deforce -- Department of Pharmaceutics</i>	3		1	A:1	90
3	J000424	Methodology and Design of Clinical Studies <i>Guy Brusselle -- Department of Internal Medicine and Pediatrics</i>	3		1	A:1	90
4	J000425	Pharmacotherapy and Pharmaceutical Care I <i>Koen Boussey -- Department of Bio-analysis</i>	6		1	A:1	180
5	J000461	Urgent Medical Aid <i>Peter De Paepe -- Department off Basic and Applied Medical Sciences</i>	3		1	A:J	90
6	J000444	Advanced Drug Analysis and Quality [en] <i>Bart De Spiegeleer -- Department of Pharmaceutical Analysis</i>	4		1	A:1	120
7	J000445	Regulatory Affairs Health Products [en] <i>Bart De Spiegeleer -- Department of Pharmaceutical Analysis</i>	3		1	A:J	90
8	J000446	PK-PD in Pharmaceutical Research [en] <i>An Vermeulen -- Department of Bio-analysis</i>	3		1	A:1	90
9	J000447	Advanced Biotherapies [en] <i>Koen Raemdonck -- Department of Pharmaceutics</i>	3		1	A:J	90
10	J000430	Pharmaceutical Technology <i>Chris Vervaet -- Department of Pharmaceutics</i>	6		2	A:J	180
11	J000332	Pharmaceutical Legislation and Deontology <i>Philippe De Buck -- Department of Pharmaceutical Analysis</i>	3		2	A:1	90
12	J000431	Pharmacotherapy and Pharmaceutical Care II <i>Koen Boussey -- Department of Bio-analysis</i>	5		2	A:1	150
13	J000449	Pharmaceutical Manufacturing Techniques [en] <i>Bruno De Geest -- Department of Pharmaceutics</i>	3		2	A:1	90
14	J000450	Clinical Trial Management [en] <i>Benedikt Van Nieuwenhove -- Department of Pharmaceutics</i>	3		2	A:2	90

2 Majors						9 credits
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Subscribe to 9 credit units from 1 major from the following list. Subject to approval by the faculty.

2.1 Major Biologics	9 credits
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Nr	Course	CRDT	Ref	MT1	Session	Study
1	J000456 Biologics [en] <i>Koen Raemdonck -- Department of Pharmaceutics</i>	9		2	A:2	270

2.2 Major Pharmaceutical manufacturing	9 credits
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Nr	Course	CRDT	Ref	MT1	Session	Study
1	J000457 Pharmaceutical Manufacturing [en] <i>Thomas De Beer -- Department of Pharmaceutical Analysis</i>	9		2	A:2	270

2.3 Major Regulatory Affairs & Quality	9 credits
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Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000458	Regulatory Affairs and Quality [en] <i>Bart De Spiegeleer -- Department of Pharmaceutical Analysis</i>	9		2	A:2	270

2.4 Major Personalized Medicines 9 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000459	Personalized Medicines [en] <i>Dieter Deforce -- Department of Pharmaceutics</i>	9		2	A:2	270

2.5 Major Molecular imaging 9 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000460	Molecular Imaging [en] <i>Filip De Vos -- Department of Pharmaceutical Analysis</i>	9		2	A:2	270

3 Elective Courses 3 credits

Subscribe to 3 credit units from 1 from the following list. Subject to approval by the faculty.

3.1 Programme specific courses

Subscribe to no more than 3 credit units from the following list.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000451	Bioanalytics in Drug Development [en] <i>Christophe Stove -- Department of Bio-analysis</i>	3		2	A:2	90
2	J000452	Current Topics in Microbiology [en] <i>Tom Coenye -- Department of Pharmaceutical Analysis</i>	3		2	A:2	90
3	J000453	Pharmaceutical Management Skills <i>Bart De Spiegeleer -- Department of Pharmaceutical Analysis</i>	3		2	A:2	90
4	J000454	Cutting Edge Technologies for Drug Delivery - Nanomedicines [en] <i>Stefaan De Smedt -- Department of Pharmaceutics</i>	3		2	A:2	90
5	J000455	Pharmaceutical Multivariate Design and Analysis of Experiments [en] <i>Thomas De Beer -- Department of Pharmaceutical Analysis</i>	3		2	A:2	90

3.2 Ghent University courses

Subscribe to no more than 3 credit units from courses available at Ghent University, including the [Ghent University Elective Courses](#). Subject to approval by the faculty.

4 Work Placement 30 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000440	Work Placement with Integrated Pharmaceutical Knowledge <i>Koen Boussery -- Department of Bio-analysis</i>	30		2	A:J	900

5 Master's Dissertation 24 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	J000448	Master's Dissertation	24		1	A:2	720

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 2024-2025	f: annually, from 2025-2026	i: annually, from 2026-2027
b: tri-annually	d: bi-annually, from 2024-2025	g: bi-annually, from 2025-2026	j: bi-annually, from 2026-2027
	e: tri-annually, from 2024-2025	h: tri-annually, from 2025-2026	k: tri-annually, from 2026-2027