

Faculty of Pharmaceutical Sciences

Master of Science in Drug Development

Language of instruction: Dutch

Programme version 5

1 General Courses 54 credits

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

2 Majors 9 credits

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

2.1 Major Biologics 9 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	J000456 Biologics [en] Koen Raemdonck -- Department of Pharmaceutics	9		2	A:2	270

2.2 Major Pharmaceutical manufacturing 9 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	J000457 Pharmaceutical Manufacturing [en] Thomas De Beer -- Department of Pharmaceutical Analysis	9		2	A:2	270

2.3 Major Sustainability in Drug Development 9 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
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1	J000574	Sustainability in Drug Development [en] Evelien Wynendaele -- Department of Pharmaceutical Analysis	9	2	A:2	270
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2.4 Major Personalized Medicines

9 credits

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

2.5 Major Molecular imaging

9 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	J000460 Molecular Imaging [en] Filip De Vos -- Department of Pharmaceutical Analysis	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] Christophe Stove -- Department of Bio-analysis	3		2	A:2	90
2	J000452 Current Topics in Microbiology [en] Tom Coenye -- Department of Pharmaceutical Analysis	3		2	A:2	90
3	J000453 Pharmaceutical Management Skills Evelien Wynendaele -- Department of Pharmaceutical Analysis	3		2	A:2	90
4	J000454 Cutting Edge Technologies for Drug Delivery - Nanomedicines [en] Stefaan De Smedt -- Department of Pharmaceutics	3		2	A:2	90
5	J000455 Pharmaceutical Multivariate Design and Analysis of Experiments [en] Thomas De Beer -- Department of Pharmaceutical Analysis	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 Koen Boussey -- Department of Bio-analysis	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 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028