

Faculty of Engineering and Architecture

Master of Science in Chemical Engineering Technology

Language of instruction: Dutch

Programme version 7

1 General Courses 24 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E741031 Applied Materials Science <i>Inge Bellemans -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
2	E721043 Introduction to Polymer Technology <i>Paul Van Steenberghe -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
3	E071010 Process Engineering <i>Antoon Beyne -- Department of Materials, Textiles and Chemical Engineering</i>	6		1	A:1	180
4	E725012 Industrial Organic Chemistry <i>Jeriffa De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
5	E072302 Safety, Health and Environmental Management [en] <i>Paul Van Steenberghe -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:2	90
6	E725030 Chemical Reactors <i>Jeriffa De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:2	90
7	E725021 Applied Instrumental Analysis <i>An Verberckmoes -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:2	90

2 Elective Courses 15 credits

Subscribe to 15 credit units from 1 possibility from the following list. Subject to approval by the faculty.

2.1 Electives Industrial Chemistry 15 credits

Subscribe to 15 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E725080 Process Instrumentation <i>Jan Beyens -- Department of Information Technology</i>	3			A:1	90
2	E725040 Unit Operations of Chemical Engineering II <i>Jeriffa De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	6			A:1	180
3	E066661 Corrosion and Surface Technology [en] <i>Kim Verbeken -- Department of Materials, Textiles and Chemical Engineering</i>	6			A:2	180

2.2 Electives Plastics 15 credits

Subscribe to 15 credit units from the following list, with 3 credit units with reference a. Subject to approval by the faculty.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E725050 Product Development and Additive Manufacturing [en] <i>Ludwig Cardon -- Department of Materials, Textiles and Chemical Engineering</i>	3			A:1	90
2	E725019 Polymer Processing [en] <i>Ludwig Cardon -- Department of Materials, Textiles and Chemical Engineering</i>	6			A:1	180
3	E725110 Polymer and Composite Materials [en] <i>Flavio Marchesini de Oliveira -- Department of Materials, Textiles and Chemical Engineering</i>	3			A:2	90
4	C002965 Advanced Polymer Chemistry [en] <i>Filip Du Prez -- Department of Organic Chemistry</i>	3	a		A:1	75
5	E725070 Mould Making [en] <i>Ludwig Cardon -- Department of Materials, Textiles and Chemical Engineering</i>	3	a		B:2	90

3 Elective Courses 3 credits

4 Master's Dissertation

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E705002 Master's Dissertation	18		1	B:J	540

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: Kroatian/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 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026