GHENT UNIVERSITY

Study Programme

Academic year 2021-2022

Faculty of Engineering and Architecture

Linking Course Master of Science in Chemical Engineering Technology

Language of instruction: Dutch

Programme version 8

1 General Courses 18 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E701033	Mathematics I *Tanja Van Hecke -- Department of Information Technology*	6		1	A:1	180
2	E702010	Signals and Systems *Jan Beyens -- Department of Information Technology*	6		1	A:1	180
3	E701034	Mathematics II *Tanja Van Hecke -- Department of Information Technology*	6		1	A:2	180

2 General Courses

Subscribe to 1 module, depending on the previous education, from the following list. Subject to approval by the faculty.

2.1 Intake: Bachelor of Chemistry, Main Subject: Chemistry and Main Subject: Process Technology 43 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E721041	Spectroscopy *An Verberckmoes -- Department of Materials, Textiles and Chemical Engineering*	3		1	B:1	90
2	E721026	Analytical Chemistry *Stefan Voorspoels -- Department of Materials, Textiles and Chemical Engineering*	4		1	B:1	120
3	E721040	Physical Chemistry *Maarten Sabbe -- Department of Materials, Textiles and Chemical Engineering*	3		1	B:1	90
4	E721044	Environmental Engineering: water and air *Joris Thybaut -- Department of Materials, Textiles and Chemical Engineering*	3		1	A:1	90
5	E721047	Thermal operations *Jeriffa De Clercq -- Department of Materials, Textiles and Chemical Engineering*	3		1	A:1	90
6	E702080	Thermodynamics and Fluid Mechanics *Tom Claessens -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:1	180
7	E721048	Unit Operations of Chemical Engineering *Jeriffa De Clercq -- Department of Materials, Textiles and Chemical Engineering*	9		1	A:2	270
8	E721042	Instrumental Analysis *Joeri Vercammen -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:2	180
9	E741023	Control Theory *Jan Beyens -- Department of Information Technology*	6		1	A:2	180

2.2 Intake: other degrees

Selection of courses for minimum 21 credits and maximum 66 credits from the Bachelor of Science in Engineering Technology, Main subject: Chemical Engineering Technology, depending on the previous degree of the student. Subject to approval by the faculty.
For students with the following previous degrees:
Bachelor in de chemie, afstudeerrichting biochemie, Bachelor in de chemie, afstudeerrichting milieuzorg, Bachelor in de biomedische laboratoriumtechnologie (alle afstudeerrichtingen).

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 cours 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 in 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