



## Faculty of Bioscience Engineering

### Master of Science in Biochemical Engineering Technology

Language of instruction: Dutch

Programme version 8

1 General Courses						35 credits	
Nr	Course		CRDT	Ref	MT1	Session	Study
1	I700181	Process Instrumentation and Quality Control <i>Mia Eeckhout -- Department of Food Technology, Safety and Health</i>	3		1	A:1	90
2	I700163	Biochemical and Molecular Analysis <i>Kris Audenaert -- Department of Plants and Crops</i>	6		1	A:1	160
3	I700164	Technology of Biochemical Industries [en] <i>Leen De Gelder -- Department of Biotechnology</i>	3		1	A:1	90
4	I700165	Biocatalytic Applications <i>Yves Briers -- Department of Biotechnology</i>	5		1	A:1	140
5	I700265	Malting and Brewing Technology <i>Jessika De Clippeleer -- Department of Biotechnology</i>	4		1	A:1	120
6	I700166	Industrial Biotechnology <i>Yves Briers -- Department of Biotechnology</i>	3		1	A:2	90
7	I700168	Environmental Biotechnology <i>Leen De Gelder -- Department of Biotechnology</i>	4		1	A:2	110
8	I700242	Practical Cases from the Life Science Industry <i>Philippe De Groot -- Department of Biotechnology</i>	4		1	A:2	110
9	I700243	Industry Awareness and Internationalization <i>Leen De Gelder -- Department of Biotechnology</i>	3		1	A:J	90

2 Elective Courses						5 credits
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Subscribe to 5 credit units from the modules from the following list.

#### 2.1 Elective Courses: List

Nr	Course		CRDT	Ref	MT1	Session	Study
1	I700264	Internship Biochemical Engineering technology <i>Yves Briers -- Department of Biotechnology</i>	6		1	B:2, A:1	180
2	I002607	Resource Recovery Technology [en] <i>Ramon Ganigüé -- Department of Biotechnology</i>	6		1	A:2	180
3	I002631	Industrial Fermentation Processes and Downstream Processing [en] <i>Wim Soetaert -- Department of Biotechnology</i>	5		1	A:2	150
4	I002632	Metabolic Engineering and Modelling of Micro-organisms [en] <i>Marjan De Mey -- Department of Biotechnology</i>	4		1	A:2	120
5	I002623	Interphase Processes of Host-associated Micro-organisms [en] <i>Tom Van de Wiele -- Department of Biotechnology</i>	5		1	A:1	150
6	I002611	Plant Biotechnology [en] <i>Godelieve Gheysen -- Department of Biotechnology</i>	5		1	A:2	150

#### 2.2 Course to be chosen from the study programmes of Ghent University

Subscribe to course units from Ghent University including [the Ghent University Elective Courses](#). Subject to approval by the faculty.

3 Master's Dissertation						20 credits
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Nr	Course	CRDT	Ref	MT1	Session	Study
1	I700244 Master's Dissertation <i>Leen De Gelder -- Department of Biotechnology</i>	20	1	A:J	600	

## 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