

Study Programme

Academic year 2021-2022

Faculty of Bioscience Engineering

Linking Course Master of Science in Biochemical Engineering Technology

Language of instruction: Dutch Programme version 9

65 credits **General Courses** 1700266 6 1 A:1 180 1 Calculus I Jan Baetens -- Department of Data Analysis and Mathematical Modelling 1700267 5 1 A:2 150 2 Linear Algebra and Calculus II Jan Baetens -- Department of Data Analysis and Mathematical Modelling 3 1700204 Thermodynamics 4 1 A:2 120 Johan D'heer -- Department of Data Analysis and Mathematical Modelling 1700210 Fluidomechanics 5 1 A:1 150 4 Johan D'heer -- Department of Data Analysis and Mathematical Modelling 1700209 A:1 120 Electricity and Magnetism 4 5 1 Johan D'heer -- Department of Data Analysis and Mathematical Modelling 1700214 A:2 120 Probability Theory and Statistics 4 1 6 Bernard De Baets -- Department of Data Analysis and Mathematical Modelling 1700223 A:2 120 7 Statistical Data Analysis 4 1 Stijn Luca -- Department of Data Analysis and Mathematical Modelling 8 1700219 Process Technology I 5 1 A:1 150 Mia Eeckhout -- Department of Food Technology, Safety and Health 1700152 Process Technology II A:2 120 9 4 1 Mia Eeckhout -- Department of Food Technology, Safety and Health 10 1700232 A:1 150 Enzyme Technology 5 1 Yves Briers -- Department of Biotechnology 11 1700154 Industrial Microbiology 4 1 A:2 120 Inge Van Bogaert -- Department of Biotechnology 12 1700234 Molecular Biotechnology 4 1 A:2 120 Philippe De Groote -- Department of Biotechnology 13 1700247 A:1 120 **Biosciences** I 4 1 Jessika De Clippeleer -- Department of Biotechnology 14 1700229 Supplementary Biochemistry B:2 90 3 1 David Laureys -- Department of Biotechnology 15 1700235 A:2 **Bioinformatics** 4 120 1 Kris Audenaert -- Department of Plants and Crops

2 General Courses

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

2.1					4 credits
Nr Course		CRDT	Ref MT1	Session	Study
1 1700220	Environmental Sciences Leen De Gelder Department of Biotechnology	4	1	A:1	120
2.2					4 credits
Nr Course		CRDT	Ref MT1	Session	Study
1 I700233	Gene Technology [en] Tina Kyndt Department of Biotechnology	4	1	A:1	120

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2	•	J

4 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	1700220	Environmental Sciences Leen De Gelder Department of Biotechnology	4		1	A:1	120
2.	4					8	credits
Nr	Course		CRDT	Ref	MT1	Session	Study
1	1700220	Environmental Sciences Leen De Gelder Department of Biotechnology	4		1	A:1	120
2	1700233	Gene Technology [en] Tina Kyndt Department of Biotechnology	4		1	A:1	120
2.	5					13	credits
Nr	Course		CRDT	Ref	MT1	Session	Study
1	1700220	Environmental Sciences Leen De Gelder Department of Biotechnology	4		1	A:1	120
2	1700233	Gene Technology [en] Tina Kyndt Department of Biotechnology	4		1	A:1	120
3	1700225	Instrumental Analytical Chemistry Pieter Vermeir Department of Green Chemistry and Technology	5		1	A:2	150
2.	6					13	credits
Nr	Course		CRDT	Ref	MT1	Session	Study
1	1700220	Environmental Sciences Leen De Gelder Department of Biotechnology	4		1	A:1	120
2	1700233	Gene Technology [en] Tina Kyndt Department of Biotechnology	4		1	A:1	120
3	1700225	Instrumental Analytical Chemistry Pieter Vermeir Department of Green Chemistry and Technology	5		1	A:2	150

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 el: Greek	es: Spanish fr: French	ja: Japanese nl: Dutch	pl: Polish pt: Portuguese	sh: Kroatian/Serbian	zh: Chinese
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