GHENT UNIVERSITY

Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture

Bachelor of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 12

1 General Courses 60 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E610004	Mathematics I Eric Laermans -- Department of Information Technology	6		1	A:1	180
2	E610014	Electricity Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering	6		1	A:1	180
3	E610051	Design Tools Olivier Rysman -- Department of Industrial Systems Engineering and Product Design	4		1	A:1	120
4	E610019	Materials Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering	3		1	A:1	90
5	E610020	Introduction Industrial Design Jan Detand -- Department of Industrial Systems Engineering and Product Design	6		1	A:1	180
6	E610013	Mechanics Michael Monte -- Department of Electromechanical, Systems and Metal Engineering	6		1	A:J	180
7	E610052	Engineering Project Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering	5		1	A:J	150
8	E610005	Mathematics II Pieter Audenaert -- Department of Information Technology	6		1	A:2	180
9	E610016	Physics Michael Monte -- Department of Electromechanical, Systems and Metal Engineering	6		1	A:2	180
10	E610053	Computer Science Jan Devos -- Department of Industrial Systems Engineering and Product Design	6		1	A:2	180
11	E610017	Basics Industrial Design Jelle Saldien -- Department of Industrial Systems Engineering and Product Design	6		1	A:2	180

2 General Courses 120 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	I610008	General Chemistry Christophe Wille -- Department of Food Technology, Safety and Health	6		2	A:1	180
2	E620600	Electrical Systems Jos Knockaert -- Department of Electromechanical, Systems and Metal Engineering	3		2	A:1	90
3	E620032	Applied Fluid Mechanics and Thermodynamics Martijn van den Broek -- Department of Electronics and Information Systems	6		2	A:1	180
4	E620052	Mechanics of Materials Michael Monte -- Department of Electromechanical, Systems and Metal Engineering	3		2	A:1	90
5	E620700	Design Tools II Olivier Rysman -- Department of Industrial Systems Engineering and Product Design	3		2	A:1	90
6	E620070	Graphic Design Communication Olivier Rysman -- Department of Industrial Systems Engineering and Product Design	6		2	A:1	180
7	E620080	Human-centered and Interaction Design Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design	7		2	A:J	210
8	E610055	Electronics Sam Lemey -- Department of Information Technology	3		2	A:2	90

9	E620048	Statistics Eric Laermans -- Department of Information Technology	3		2	A:2	90
10	I610015	Introduction to the Circular Economy Diederik Rousseau -- Department of Green Chemistry and Technology	3		2	A:2	90
11	E620066	Industrial Production Patrick De Baets -- Department of Electromechanical, Systems and Metal Engineering	6		2	A:2	180
12	E620036	Advanced CAD Olivier Rysman -- Department of Industrial Systems Engineering and Product Design	6		2	A:2	180
13	E620110	Emerging Technologies Jelle Saldien -- Department of Industrial Systems Engineering and Product Design	5		2	A:2	150
14	E640093	CAE Oriented Design Michael Monte -- Department of Electromechanical, Systems and Metal Engineering	6		3	A:1	180
15	E630110	Design for Advanced Production Methods and Environments [nl, en] Davy Parmentier -- Department of Industrial Systems Engineering and Product Design	9		3	A:1	240
16	E640990	Research Methodology for Industrial Design Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design	6		3	B:1	180
17	E630130	History and Industrial Design [en, nl] Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design	6		3	A:1	180
18	E630095	Co-Creation [en, nl] Jan Detand -- Department of Industrial Systems Engineering and Product Design	6	UKV	3	A:J	180
19	E620702	Business Administration Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design	3		3	A:2	90
20	E630067	Material and Process Oriented Industrial Design Jan Detand -- Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
21	E630058	Designing in a Cybernetical and System-Oriented Way [en] Jan Detand -- Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
22	E630120	Innovative and Strategic Design Jan Devos -- Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
23	E640440	Design Research and Academic Writing [en, nl] Davy Parmentier -- Department of Industrial Systems Engineering and Product Design	6		3	A:2	180

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 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