GHENT UNIVERSITY

Study Programme

Academic year 2023-2024

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 *Helga Naessens -- Department of Information Technology*	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 *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 *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] *Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design*	6		3	A:2	180
22	E630120	Innovative and Strategic Design *Jan Detand -- 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 2024-2025	f: annually, from 2025-2026	i: annually, from 2026-2027
b: tri-annually	d: bi-annually, from 2024-2025	g: bi-annually, from 2025-2026	j: bi-annually, from 2026-2027
	e: tri-annually, from 2024-2025	h: tri-annually, from 2025-2026	k: tri-annually, from 2026-2027