GHENT UNIVERSITY

Study Programme

Academic year 2025-2026

Faculty of Engineering and Architecture

Bachelor of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 14

1 General Courses — 60 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E631000	Introduction to CAD *Olivier Rysman -- Department of Industrial Systems Engineering and Product Design*	4		1	A:1	120
2	E610019	Materials *Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering*	3		1	A:1	90
3	E610014	Electricity *Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering*	6		1	A:1	180
4	E610004	Mathematics I *Eric Laermans -- Department of Information Technology*	6		1	A:1	180
5	E610024	Introduction to Industrial Design *Jan Detand -- Department of Industrial Systems Engineering and Product Design*	7		1	A:1	210
6	E610013	Mechanics *Michael Monte -- Department of Electromechanical, Systems and Metal Engineering*	6		1	A:J	180
7	E610055	Electronics *Sam Lemey -- Department of Information Technology*	3		1	A:2	90
8	E610016	Physics *Michael Monte -- Department of Electromechanical, Systems and Metal Engineering*	6		1	A:2	180
9	E610005	Mathematics II *Pieter Audenaert -- Department of Information Technology*	6		1	A:2	180
10	E610070	Programming *Helga Naessens -- Department of Information Technology*	3		1	A:2	90
11	E610060	Basics Industrial Design *Lore Brosens -- Department of Industrial Systems Engineering and Product Design*	7		1	A:2	210
12	E610050	Industrial Design Project *Olivier Rysman -- Department of Industrial Systems Engineering and Product Design*	3		1	A:2	90

2 General Courses — 117 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E623400	Materials and Energy *Michel De Paepe -- Department of Electromechanical, Systems and Metal Engineering*	6		2	A:1	180
2	E620700	Design Tools II *Olivier Rysman -- Department of Industrial Systems Engineering and Product Design*	3		2	A:1	90
3	E620052	Mechanics of Materials *Michael Monte -- Department of Electromechanical, Systems and Metal Engineering*	3		2	A:1	90
4	E620070	Graphic Design Communication *Olivier Rysman -- Department of Industrial Systems Engineering and Product Design*	6		2	A:1	180
5	E620081	User-Centered DesignUser-Centered Design *Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design*	4		2	A:1	120
6	E620800	Project Engineering *Jan Detand -- Department of Industrial Systems Engineering and Product Design*	9		2	A:J	270
7	E620900	Project User-Centered Design *Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design*	9		2	A:J	270

8	E620048	Statistics *Eric Laermans -- Department of Information Technology*	3	2	A:2	90
9	E623500	Design for Sustainability [en, nl] *Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design*	3	2	A:2	90
10	E620036	Advanced CAD *Olivier Rysman -- Department of Industrial Systems Engineering and Product Design*	6	2	A:2	180
11	E621000	Industrial Production *Kris Hectors -- Department of Electromechanical, Systems and Metal Engineering*	3	2	A:2	90
12	E620110	Emerging Technologies *Wouter Devriese -- Department of Industrial Systems Engineering and Product Design*	5	2	A:2	150
13	E628000	Innovation and Cocreation *Dimitri Schuurman -- Department of Communication Sciences*	6	3	A:2	180
14	E624500	Design for Sustainability [en] *Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design*	4	3	A:1	120
15	E620300	CAE Oriented Design *Michael Monte -- Department of Electromechanical, Systems and Metal Engineering*	5	3	A:1	150
16	E622200	Constructive Design *Jan Detand -- Department of Industrial Systems Engineering and Product Design*	4	3	A:1	120
17	E624000	Quantitative Research Skills for Industrial Designers *Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design*	5	3	A:1	150
18	E620702	Business Administration *Sofie Verbrugge -- Department of Information Technology*	3	3	A:2	90
19	E627000	Design for Sustainability Project [en] *Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design*	5	3	A:2	150
20	E623000	Product Realisation *Jan Detand -- Department of Industrial Systems Engineering and Product Design*	5	3	A:2	150
21	E626000	Computational Design Strategies and Digital Production *Davy Parmentier -- Department of Industrial Systems Engineering and Product Design*	5	3	A:1	150
22	E625000	Advanced Products, Interfaces and Technologies *Franziska Burger -- Department of Industrial Systems Engineering and Product Design*	6	3	A:2	180
23	E629000	Project Advanced Engineering *Davy Parmentier -- Department of Industrial Systems Engineering and Product Design*	9	3	A:J	270

3 Elective Courses — 3 credits

Subscribe to 3 credit units from 1 module from the following list. Subject to approval by the faculty.

3.1 Elective Course Internship / Summer Course — 3 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E099600	Industry Internship Engineering Technology [en, nl] *Patrick Segers -- Department of Electronics and Information Systems*	3		3	B:J	90
2	E670000	Summer Course [en, nl] *Steven Verstockt -- Department of Electronics and Information Systems*	3		3	A:1	90

3.2 Elective Course from other programmes — 3 credits

Subscribe to 3 credit units from the study programmes of Ghent University (social courses or technical courses), including the Ghent University Elective Courses. Subject to approval by the faculty.

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 2026-2027	f: annually, from 2027-2028	i: annually, from 2028-2029
b: tri-annually	d: bi-annually, from 2026-2027	g: bi-annually, from 2027-2028	j: bi-annually, from 2028-2029
	e: tri-annually, from 2026-2027	h: tri-annually, from 2027-2028	k: tri-annually, from 2028-2029