Study Programme

Academic year 2025-2026

Faculty of Engineering and Architecture

Master of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 13

1 General Courses — 30 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E640970	Mechatronic Product Design	6	1		A:1	180
		Jelle Saldien -- Department of Industrial Systems Engineering and Product Design					
2	E640950	Entrepreneurship and Marketing	3	1			90
3	E640960	Project Enterpreneurship [en, nl]	6	1		A:2	180
		Dimitri Schuurman -- Department of Industrial Systems Engineering and Product Design					
4	E640940	Business Management	3	1		A:2	90
		Sofie Verbrugge -- Department of Information Technology					
5	E640980	Design, Styling and CAID [en, nl]	6	1		A:2	180
		Olivier Rysman -- Department of Industrial Systems Engineering and Product Design					
6	E650200	Design for Sustainability [en, nl]	6	1		A:1	150
		Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design					

2 Elective Courses — 12 credits

Subscribe to 12 credit units from the following list. Subject to approval by the faculty.
Only one course with reference 'a' is allowed.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E092100	Biosystems	3			A:1	90
		Pascal Verdonck -- Department of Electronics and Information Systems					
2	E092802	Biomedical Product Development [en]	6			A:J	180
		Ewout Vansteenkiste -- Department of Physics and Astronomy					
3	E620500	Object Oriented Programming	3			A:1	90
		Veerle Ongenae -- Department of Information Technology					
4	E080823	Digital Design 3: Advanced Modeling Techniques	3			A:2	90
		Ruben Verstraeten -- Department of Architecture and Urban Planning					
5	E650600	Composites	3			A:2	90
		Jan Detand -- Department of Industrial Systems Engineering and Product Design					
6	E620061	Machine Design and Safety	6			A:2	180
		Bart Vanwalleghem -- Department of Electromechanical, Systems and Metal Engineering					
7	E620400	Electronics II	6			A:1	180
		Sam Lemey -- Department of Information Technology					
8	E055120	Introduction to Ships and Marine Technology [en]	4			A:1	120
		Evert Lataire -- Department of Civil Engineering					
9	E076221	Manufacturing Planning and Control [en]	6			A:1	180
		Birger Raa -- Department of Industrial Systems Engineering and Product Design					
10	E741056	Manufacturing Technology	5			A:2	150
		Kris Hectors -- Department of Electromechanical, Systems and Metal Engineering					
11	E725090	Manufacturing Processes	3			A:1	90
		Kris Hectors -- Department of Electromechanical, Systems and Metal Engineering					
12	H002024	Behavioral Economics	3			A:2	90
		Barbara Briers -- Department of Work, Organisation and Society					
13	K001191	Innovation Research	5			A:1	150
		Kristin Van Damme -- Department of Communication Sciences					

#	Code	Course	Credits		Semester	Hours
14	E076820	Project Management [en]	6		A:2	180
		Mario Vanhoucke -- Department of Business Informatics and Operations Management				
15	F710416	Logistics and Supply Chain Management [en, nl]	3		B:1	90
		Tom Servranckx -- Department of Business Informatics and Operations Management				
16	C004103	Introduction to Biomimicry [en]	3		A:1	90
		Liliana D'Alba Altamirano -- Department of Biology				
17	I630067	Sustainable Materials	5		A:1	150
		Ann Dumoulin -- Department of Green Chemistry and Technology				
18	E099600	Industry Internship Engineering Technology [en, nl]	6		A:J	180
		Patrick Segers -- Department of Electronics and Information Systems				
19	E099600	Industry Internship Engineering Technology [en, nl]	3		B:J	90
		Patrick Segers -- Department of Electronics and Information Systems				
20	E099400	Research Internship [en]	6		A:J	180
		Patrick Segers -- Department of Electronics and Information Systems				
21	E099400	Research Internship [en]	3		B:J	90
		Patrick Segers -- Department of Electronics and Information Systems				
22	E098010	Integrated Portfolio [en, nl]	3		B:J	90
		Hiep Luong -- Department of Telecommunications and Information Processing				
23	E670000	Summer Course [en, nl]	3		A:1	90
		Steven Verstockt -- Department of Electronics and Information Systems				
24	D012714	Psychology	3	a	A:2	90
		André Vyt -- Dean's Office of the Faculty of Medicine and Health Sciences				
25	E075310	Ethics, Engineering and Society	3	a	A:2	90
		Seppe Segers -- Department of Philosophy and Moral Sciences				
26	A005765	French: Language Proficiency I [fr]	5	a	A:1	150
		Sonia Michiels -- Department of Translation, Interpreting and Communication				
27	E075072	Philosophy and Critical Theory: an Architectural Introduction [en, nl]	3	a	A:2	90
		Lionel Devlieger -- Department of Architecture and Urban Planning				
28	K001437	Persuasive communication	5	a	A:2	150
		Elisabeth Van den Abeele -- Department of Communication Sciences				
29	H001576	Social Cognition and Group Processes	5	a	A:1	150
		Arne Roets -- Department of Developmental, Personality and Social Psychology				
30	A000677	Introduction to Anthropology	3	a	A:2	90
		Hugo DeBlock -- Department of Languages and Cultures				
31	A005291	Historic Interior and Design	5	a	A:2[a]	150
		Marjan Sterckx -- Department of Art, Music and Theatre Sciences				
32	A003001	Academic English [en]	3	a (UKV)	B:1, A:2	90
		Geert Jacobs -- Department of Linguistics				
33	D002354	Movement and Sports: Now and Later	3	a (UKV)	A:2	90
		Veerle Segers -- Department of Movement and Sports Sciences				
34	K001067	Social Psychology	5	a	A:2	150
		Arne Roets -- Department of Developmental, Personality and Social Psychology				
35	E640600	Applied Machine Learning [nl, en]	6		A:1	180
		Sofie Van Hoecke -- Department of Electronics and Information Systems				
36	E630800	Wireless Communication	3		A:2	90
		Ingrid Moerman -- Department of Information Technology				
37	K001395	Qualitative Research Design	3		A:1	90
		Peter Stevens -- Department of Sociology				
38	K001396	Introduction Qualitative Analysis	3		A:1	90
		Peter Stevens -- Department of Sociology				
39	A005646	Introduction to Corporate Law	3		A:1	90
		Diederik Bruloot -- Department of Interdisciplinary Study of Law, Private Law and Business Law				
40	E076320	The Information Society and ICT	3		A:2	90
		Erik Mannens -- Department of Electronics and Information Systems				
41	A005503	Context and Nuance. A Critical Reflection on Current Topics	6	a (UKV)	A:1	180
		July De Wilde -- Department of Translation, Interpreting and Communication				

3 Master's Dissertation — 18 credits

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