Study Programme

Academic year 2023-2024

Faculty of Engineering and Architecture
Master of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 11

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 [en, nl]	3		1	A:1	90
		Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design					
3	E640960	Project Enterpreneurship [en, nl]	6		1	A:1	180
		Jan Devos -- Department of Industrial Systems Engineering and Product Design					
4	E640940	Business Management	3		1	A:2	90
		Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design					
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:2	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	E080822	Digital Design 3	3			A:2	90
		Tiemen Strobbe -- 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	E055045	Introduction to Maritime Technology [en]	6			A:1	180
		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
		Wim De Waele -- Department of Electromechanical, Systems and Metal Engineering					
12	K001178	Consumer Behaviour	5			A:1	150
		Hayley Pearce -- Department of Communication Sciences					

#	Code	Course	Credits		Semester	Hours
13	H002024	Behavioral Economics *Barbara Briers -- Department of Work, Organisation and Society*	3		A:2	90
14	K001191	Innovation Research *Kristin Van Damme -- Department of Communication Sciences*	5		A:1	150
15	E076820	Project Management [en] *Mario Vanhoucke -- Department of Business Informatics and Operations Management*	6		A:2	180
16	F710416	Logistics and Supply Chain Management [en] *Veronique Limère -- Department of Business Informatics and Operations Management*	3		A:1	90
17	C004103	Introduction to Biomimicry [en] *Liliana D'Alba Altamirano -- Department of Biology*	3		A:1	90
18	I630046	Environmental Technology I *Stijn Van Hulle -- Department of Green Chemistry and Technology*	6		A:1	180
19	I630050	Sustainable Materials *Ann Dumoulin -- Department of Green Chemistry and Technology*	5		A:2	150
20	E099600	Industry Internship Engineering Technology [en, nl] *Patrick Segers -- Department of Electronics and Information Systems*	6		A:J	180
21	E099600	Industry Internship Engineering Technology [en, nl] *Patrick Segers -- Department of Electronics and Information Systems*	3		B:J	90
22	E099400	Research Internship [en] *Patrick Segers -- Department of Electronics and Information Systems*	6		A:J	180
23	E099400	Research Internship [en] *Patrick Segers -- Department of Electronics and Information Systems*	3		B:J	90
24	E670000	Summer Course [en, nl] *Steven Verstockt -- Department of Electronics and Information Systems*	3		A:1	90
25	D012714	Psychology *André Vyt -- Dean's Office of the Faculty of Medicine and Health Sciences*	3	a	A:2	90
26	E075310	Ethics, Engineering and Society *Seppe Segers -- Department of Philosophy and Moral Sciences*	3	a	A:2	90
27	A001652	French: Language Proficiency I [fr] *Pascale Hadermann -- Department of Linguistics*	5	a	B:1	150
28	E075072	Philosophy and Critical Theory: an Architectural Introduction [en, nl] *Lionel Devlieger -- Department of Architecture and Urban Planning*	3	a	A:2	90
29	K001173	Marketing Communication *Liselot Hudders -- Department of Communication Sciences*	5	a		150
30	H001576	Social Cognition and Group Processes *Arne Roets -- Department of Developmental, Personality and Social Psychology*	5	a	A:1	150
31	A000677	Introduction to Anthropology *Hugo DeBlock -- Department of Languages and Cultures*	3	a	A:2	90
32	A005291	Historic Interior and Design *Marjan Sterckx -- Department of Art, Music and Theatre Sciences*	5	a	A:2[a]	150
33	A003001	Academic English [en] *Geert Jacobs -- Department of Linguistics*	3	a (UKV)	B:1, A:2	90
34	D002354	Movement and Sports: Now and Later *Veerle Segers -- Department of Movement and Sports Sciences*	3	a (UKV)	A:2	90
35	K001067	Social Psychology *Arne Roets -- Department of Developmental, Personality and Social Psychology*	5	a	A:2	150
36	E640600	Applied Machine Learning [nl, en] *Sofie Van Hoecke -- Department of Electronics and Information Systems*	6		A:1	180
37	E630800	Wireless Communication *Jeroen Hoebeke -- Department of Information Technology*	3		A:2	90
38	K001395	Qualitative Research Design *Peter Stevens -- Department of Sociology*	3		A:1	90
39	K001396	Introduction Qualitative Analysis *Peter Stevens -- Department of Sociology*	3		A:1	90
40	A000896	Introduction to Commercial Law *Diederik Bruloot -- Department of Interdisciplinary Study of Law, Private Law and Business Law*	3		A:1	90

3 Master's Dissertation — 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E640100 Master's Dissertation	18	1		A:J	540

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