Study Programme

Academic year 2021-2022

Faculty of Engineering and Architecture

Master of Science in Information Engineering Technology

Language of instruction: Dutch

Programme version 8

1 General Courses — 27 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E765015	Advanced Algorithms	9		1	A:1	250
		Pieter Audenaert -- Department of Information Technology					
2	E765002	Operating Systems III	6		1		170
3	E765003	Network and Computer Security	6		1	A:1	170
		Eli De Poorter -- Department of Information Technology					
4	E765022	Systems Design	3		1	A:1	80
		Pieter Simoens -- Department of Information Technology					
5	E761040	Distributed data processing	3		1		90
		Bruno Volckaert -- Department of Information Technology					

2 Elective Courses — 15 credits

Subscribe to 15 credit units from no less than 1 and no more than 2 modules from the following list. Subject to approval by the faculty.

2.1 Elective Courses Informatics

Subscribe to no less than 9 and no more than 15 credit units from the following list. Subject to approval by the faculty.

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E765005	Computer Graphics	3		1		80
2	E731023	Digital Electronics II	3		1		90
3	E711036	Quality Management	3		1		90
4	E076820	Project Management [en]	6		1	A:2	180
		Mario Vanhoucke -- Department of Business Informatics and Operations Management					
5	E018441	Advanced Databases	6		1	A:1	180
		Antoon Bronselaer -- Department of Telecommunications and Information Processing					
6	E076320	The Information Society and ICT [en]	3		1	A:1	90
		Erik Mannens -- Department of Electronics and Information Systems					
7	F000897	Enterprise Architecture [en]	4		1	A:1	120
		Geert Poels -- Department of Business Informatics and Operations Management					
8	E765009	Artificial Intelligence	3		1	A:2	85
		Jan Cnops -- Department of Information Technology					
9	E018520	Compilers [en]	6		1	A:2	180
		Bjorn De Sutter -- Department of Electronics and Information Systems					
10	E012320	Mobile and Broadband Access Networks [en]	6		1	B:2	180
		Ingrid Moerman -- Department of Information Technology					
11	E076460	Dare to Venture [en]	4		1	A:2	120
		Johan Verrue -- Department of Marketing, Innovation and Organisation					
12	E735023	Computer Vision	3		1	A:2	90
13	E019170	Internet of Things [en]	6		1	A:1	180
		Jeroen Hoebeke -- Department of Information Technology					
14	E765023	Applied machine learning	3		1		90
15	E099960	Internship 1 [en, nl]	3		1	B:2, A:1	90
		Patrick Segers -- Department of Electronics and Information Systems					

Nr	Course		CRDT	Ref	MT1	Session	Study
16	E099970	Internship 2 [en, nl]	3	1		B:2, A:1	90
		Patrick Segers -- Department of Electronics and Information Systems					
17	E099980	Internship 3 [en, nl]	6	1		B:2, A:1	180
		Patrick Segers -- Department of Electronics and Information Systems					
18	E099920	International Internship 1 [en]	3	1		B:2, A:1	90
		Patrick Segers -- Department of Electronics and Information Systems					
19	E099930	International Internship 2 [en]	3	1		B:2, A:1	90
		Patrick Segers -- Department of Electronics and Information Systems					
20	E099940	International Internship 3 [en]	6	1		B:2, A:1	180
		Patrick Segers -- Department of Electronics and Information Systems					

2.2 Elective Courses Ghent University　　　　　　　　　　　　　　　6 credits

Subscribe to no more than 6 credit units from the study programmes of Ghent University, including the Ghent University elective courses. Subject to approval by the faculty.

3 Master's Dissertation　　　　　　　　　　　　　　　　　　　　18 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E705002	Master's Dissertation	18	1		B: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 2022-2023	f: annually, from 2023-2024	i: annually, from 2024-2025
b: tri-annually	d: bi-annually, from 2022-2023	g: bi-annually, from 2023-2024	j: bi-annually, from 2024-2025
	e: tri-annually, from 2022-2023	h: tri-annually, from 2023-2024	k: tri-annually, from 2024-2025