GHENT UNIVERSITY

Study Programme

Academic year 2021-2022

Faculty of Engineering and Architecture

Bachelor of Science in Engineering Technology -- Information Engineering Technology

Language of instruction: Dutch

Programme version 3

1 General Courses — 60 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E701033	Mathematics I *Tanja Van Hecke -- Department of Information Technology*	6		1	A:1	180
2	E701023	General Chemistry *Maarten Sabbe -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:1	180
3	E701024	Electricity *Luc Dupré -- Department of Electromechanical, Systems and Metal Engineering*	6		1	A:1	180
4	E701051	Design Tools *Kathleen Gekiere -- Department of Structural Engineering and Building Materials*	4		1	A:1	120
5	E701029	Materials *Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering*	3		1	A:1	90
6	E701030	Mechanics *Tom Claessens -- Department of Materials, Textiles and Chemical Engineering*	6		1	A:J	180
7	E701052	Engineering Project *Kathleen Gekiere -- Department of Structural Engineering and Building Materials*	5		1	A:J	150
8	E701034	Mathematics II *Tanja Van Hecke -- Department of Information Technology*	6		1	A:2	180
9	E701056	Physics *Christophe Leys -- Department of Applied Physics*	6		1	A:2	180
10	E701053	Computer Science *Helga Naessens -- Department of Information Technology*	6		1	A:2	180
11	E701054	Sustainable Energy Technologies *Johan Lauwaert -- Department of Electronics and Information Systems*	3		1	A:2	90
12	E701055	Electronics *Jo Verhaevert -- Department of Information Technology*	3		1	A:2	90

2 General Courses — 15 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E702010	Signals and Systems *Jan Beyens -- Department of Information Technology*	6		2	A:1	180
2	E702090	Statistics and Mathematical Data-analysis *Tanja Van Hecke -- Department of Information Technology*	6		2	A:2	180
3	E702702	Business Administration *Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design*	3		3	A:2	90

3 Courses Related to the Main Subject — 102 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E702040	Electronics II *Stefaan Lambrecht -- Department of Information Technology*	6		2	A:1	180
2	E702050	Object Oriented Programming *Helga Naessens -- Department of Information Technology*	6		2	A:1	180

3	E761018	Programming in C and C++ *Helga Naessens -- Department of Information Technology*	6		2	A:1	180
4	E761020	Computer Networks I: Basic Protocols *Wouter Tavernier -- Department of Information Technology*	3		2	A:1	90
5	E702060	Signals and Systems II *Jan Beyens -- Department of Information Technology*	3		2	A:2	90
6	E761023	Operating Systems I	6		2		180
7	E761035	Software Engineering *Veerle Ongenae -- Department of Information Technology*	6		2	A:2	180
8	E761036	User Interfaces *Veerle Ongenae -- Department of Information Technology*	6		2	A:2	180
9	E761037	Software Project *Veerle Ongenae -- Department of Information Technology*	3		2	A:2	90
10	E761038	Server-side application frameworks *Veerle Ongenae -- Department of Information Technology*	6		3	A:1	180
11	E761028	Relational Databases *Guy De Tré -- Department of Telecommunications and Information Processing*	6		3	A:1	180
12	E702100	Computer Hardware *Wim Van Den Breen -- Department of Information Technology*	6		3	A:1	180
13	E761039	Data structures *Sam Leroux -- Department of Information Technology*	3		3	A:1	90
14	E761040	Distributed data processing *Bruno Volckaert -- Department of Information Technology*	3		3	A:1	90
15	E761029	Discrete Mathematics *Cedric De Boom -- Department of Information Technology*	3		3	A:1	90
16	E761041	Software Development & Operations *Bruno Volckaert -- Department of Information Technology*	3		3	A:1	90
17	E761030	Operating Systems II	6		3		180
18	E761031	Computer Networks II: Network Management *Wouter Tavernier -- Department of Information Technology*	6		3	A:2	180
19	E761042	Algorithms *Pieter Simoens -- Department of Information Technology*	6		3	A:2	180
20	E731028	Data Communication *Jo Verhaevert -- Department of Information Technology*	3		3	A:2	90
21	E761043	Interdisciplinary Project *Helga Naessens -- Department of Information Technology*	6		3	A:2	180

4 Elective Courses — 3 credits

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

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E702070	Physics of Waves and Particles *Christophe Leys -- Department of Applied Physics*	3		2	A:1	90
2	E076450	Basic Entrepreneurship *Yannick Dillen -- Department of Marketing, Innovation and Organisation*	3	UKV	2	A:1	90
3	E721019	Research Methodology *Jeroen Lauwaert -- Department of Materials, Textiles and Chemical Engineering*	3		2	A:2	90

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