



Faculty of Engineering and Architecture

Bachelor of Science in Engineering Technology -- Information Engineering Technology

Language of instruction: Dutch

Programme version 4

1 General Courses						60 credits	
Nr	Course		CRDT	Ref	MT1	Session	Study
1	E701033	Mathematics I <i>Tanja Van Hecke -- Department of Information Technology</i>	6		1	A:1	180
2	E701023	General Chemistry <i>Maarten Sabbe -- Department of Materials, Textiles and Chemical Engineering</i>	6		1	A:1	180
3	E701024	Electricity <i>Luc Dupré -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:1	180
4	E701051	Design Tools <i>Kathleen Gekiere -- Department of Structural Engineering and Building Materials</i>	4		1	A:1	120
5	E701029	Materials <i>Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
6	E701030	Mechanics <i>Tom Claessens -- Department of Materials, Textiles and Chemical Engineering</i>	6		1	A:J	180
7	E701052	Engineering Project <i>Kathleen Gekiere -- Department of Structural Engineering and Building Materials</i>	5		1	A:J	150
8	E701034	Mathematics II <i>Tanja Van Hecke -- Department of Information Technology</i>	6		1	A:2	180
9	E701056	Physics <i>Sven Van Loo -- Department of Applied Physics</i>	6		1	A:2	180
10	E701053	Computer Science <i>Helga Naessens -- Department of Information Technology</i>	6		1	A:2	180
11	E701054	Sustainable Energy Technologies <i>Jeroen De Kooning -- Department of Electromechanical, Systems and Metal Engineering</i>	3		1	A:2	90
12	E701055	Electronics <i>Jo Verhaevert -- Department of Information Technology</i>	3		1	A:2	90

2 General Courses						15 credits	
Nr	Course		CRDT	Ref	MT1	Session	Study

1	E702010	Signals and Systems <i>Martijn Huynen -- Department of Information Technology</i>	6		2	A:1	180
2	E702090	Statistics and Mathematical Data-analysis <i>Tanja Van Hecke -- Department of Information Technology</i>	6		2	A:2	180
3	E702702	Business Administration <i>Birger Raa -- Department of Industrial Systems Engineering and Product Design</i>	3		3	A:2	90

3 Courses Related to the Main Subject						102 credits	
Nr	Course		CRDT	Ref	MT1	Session	Study

In het overgangsjaar 2021-2022 wordt 'Discrete wiskunde' tweemaal aangeboden in het programma: éénmaal aan studenten in het tweede bachelorjaar, éénmaal aan studenten in het derde bachelorjaar. Elke student dient dit vak slechts éénmaal op te nemen.

1	E702040	Electronics II <i>Stefaan Lambrecht -- Department of Information Technology</i>	6		2	A:1	180
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2	E702050	Object Oriented Programming	6	2		180
3	E761029	Discrete Mathematics <i>Cristina Tonesi -- Department of Information Technology</i>	3	2	A:1	90
4	E761018	Programming in C and C++ <i>Helga Naessens -- Department of Information Technology</i>	6	2	A:1	180
5	E702060	Signals and Systems II <i>Martijn Huynen -- Department of Information Technology</i>	3	2	A:2	90
6	E761035	Software Engineering <i>Veerle Ongena -- Department of Information Technology</i>	6	2	A:2	180
7	E761036	User Interfaces <i>Veerle Ongena -- Department of Information Technology</i>	6	2	A:2	180
8	E761037	Software Project <i>Veerle Ongena -- Department of Information Technology</i>	3	2	A:2	90
9	E761060	Operating Systems <i>Wim Van Den Breen -- Department of Information Technology</i>	6	2	A:2	180
10	E761038	Server-side application frameworks <i>Veerle Ongena -- Department of Information Technology</i>	6	3	A:1	180
11	E761028	Relational Databases <i>Guy De Tré -- Department of Telecommunications and Information Processing</i>	6	3	A:1	180
12	E702100	Computer Hardware <i>Wim Van Den Breen -- Department of Information Technology</i>	6	3	A:1	180
13	E761039	Data structures <i>Sam Leroux -- Department of Information Technology</i>	3	3		90
14	E761040	Distributed data processing <i>Bruno Volckaert -- Department of Information Technology</i>	3	3	B:2	90
15	E761041	Software Development & Operations <i>Bruno Volckaert -- Department of Information Technology</i>	3	3	A:1	90
16	E761050	Computer Networks <i>Wouter Tavernier -- Department of Information Technology</i>	6	3	A:1	180
17	C002126	Multimedia <i>Peter Lambert -- Department of Electronics and Information Systems</i>	6	3	A:2	180
18	E761070	Network Management <i>Wouter Tavernier -- Department of Information Technology</i>	3	3	A:2	90
19	E761042	Algorithms <i>Pieter Simoens -- Department of Information Technology</i>	6	3	A:1	180
20	E731028	Data Communication <i>Jo Verhaevert -- Department of Information Technology</i>	3	3	A:2	90
21	E761043	Interdisciplinary Project <i>Helga Naessens -- Department of Information Technology</i>	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 <i>Sven Van Loo -- Department of Applied Physics</i>	3		2	A:1	90
2	E076450	Basic Entrepreneurship	3	UKV	2		90
3	E721019	Research Methodology <i>Jeroen Lauwaert -- Department of Materials, Textiles and Chemical Engineering</i>	3		2	A:2	90
4	E092100	Biosystems <i>Pascal Verdonck -- Department of Electronics and Information Systems</i>	3		2	A:1	90
5	E075310	Ethics, Engineering and Society <i>Seppe Segers -- Department of Philosophy and Moral Sciences</i>	3		2	A:2	90
6	C000957	Intellectual Property Rights	3		2		90
7	A003001	Academic English [en] <i>Geert Jacobs -- Department of Linguistics</i>	3	UKV	2	B:1, 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 course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/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 is 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 2027-2028	f: annually, from 2028-2029	i: annually, from 2029-2030
b: tri-annually	d: bi-annually, from 2027-2028	g: bi-annually, from 2028-2029	j: bi-annually, from 2029-2030
	e: tri-annually, from 2027-2028	h: tri-annually, from 2028-2029	k: tri-annually, from 2029-2030