

Faculty of Engineering and Architecture

Linking Course Master of Science in Electronics and ICT Engineering Technology -- Embedded Systems

Language of instruction: Dutch

Programme version 1

1 General Courses 21 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	E702010 Signals and Systems <i>Jan Beyens -- Department of Information Technology</i>	6		1	A:1	180
3	E701034 Mathematics II <i>Tanja Van Hecke -- Department of Information Technology</i>	6		1	A:2	180
4	E702060 Signals and Systems II <i>Jan Beyens -- Department of Information Technology</i>	3		1	A:2	90

2 General Courses

Subscribe to 1 module, depending on the previous degree, from the following list. Subject to approval by the faculty.

2.1 Intake: Bachelor of Electronics-ICT, Bachelor of Multimedia and Communication Technology, Main Subject: Multimedia and Communication Technology, Bachelor in digital design en development 45 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E761018 Programming in C and C++ <i>Helga Naessens -- Department of Information Technology</i>	6		1	A:1	180
2	E731039 Analogue Electronics II <i>Patrick Van Torre -- Department of Information Technology</i>	6		1	A:1	180
3	E731025 Digital Signal Processing <i>Paul Devos -- Department of Information Technology</i>	6		1	A:1	180
4	E702100 Computer Hardware <i>Wim Van Den Breen -- Department of Information Technology</i>	6		1	A:1	180
5	E731028 Data Communication <i>Jo Verhaevert -- Department of Information Technology</i>	3		1	A:2	90
6	E761031 Computer Networks II: Network Management <i>Wouter Tavernier -- Department of Information Technology</i>	6		1	A:2	180
7	E731037 Embedded Systems: Hardware Synthesis <i>Peter Veelaert -- Department of Telecommunications and Information Processing</i>	6		1	A:2	180
8	E731036 Digital Electronics <i>Peter Veelaert -- Department of Telecommunications and Information Processing</i>	6		1	A:2	180

2.2 Intake: other degrees

Selection of courses for minimum 24 credits and maximum 69 credits from the Bachelor of Science in Engineering Technology, main subject Electronics and ICT Engineering Technology, depending on the previous education of the student. Subject to approval by the faculty.

For students with the following previous degrees:

Bachelor in de elektromechanica (alle afstudeerrichtingen), Bachelor in de toegepaste informatica (alle afstudeerrichtingen), Bachelor in het informaticamanagement en de multimedia, Bachelor in het informatiemanagement en de multimedia, Bachelor in het informatiemanagement en de informatiesystemen, Bachelor in de luchtvaart (alle afstudeerrichtingen)

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 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