

Faculty of Engineering and Architecture

Exchange Programme Electronics and ICT Engineering Technology

Language of instruction: English

Programme version 3

## 1 General Courses

This list is only meant for incoming exchange students, and lists the English courses from the Electronics and ICT Engineering Technology programme of the Faculty of Engineering and Architecture (FEA, courses beginning with an E).

The exchange programme for incoming exchange students is determined in accordance with the faculty's modalities for exchange, and comprises the following number of ECTS:

- if the exchange spans one semester: minimum 20 ECTS, maximum 30 ECTS
- if the exchange spans one year: minimum 40 ECTS, maximum 62 ECTS

At least 50% of the courses must be chosen from the Faculty of Engineering and Architecture (course codes starting with E). Courses from another faculty can only be subscribed to on request and in consultation with the International Relations Office.

Exceptions on the minimum requirements are only possible in specific situations (e.g. students who only need to pass the master's thesis to achieve their degree at the home university), and exceptions are always motivated, in accordance with the faculty's modalities for exchange.

More information: <https://www.ugent.be/ea/en/for-exchange-students>

The courses marked with reference 'a' are taught in Dutch, but can be taken by incoming non-Dutch speaking students (by means of English course material, with guided self-study).

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E735025 Multimedia [nl] <i>Bart Goossens -- Department of Telecommunications and Information Processing</i>	6	a		A:1	180
2	E735019 Wireless and Mobile Communication [nl] <i>Jo Verhaever -- Department of Information Technology</i>	6	a		A:1	180
3	E735070 High-frequency Design and EMC [nl] <i>Emmeric Tanghe -- Department of Information Technology</i>	3	a		A:1	90
4	E010310 Image Processing [nl] <i>Bart Goossens -- Department of Telecommunications and Information Processing</i>	6	a		A:1	180
5	E735060 Semiconductors and Electronic Devices [nl] <i>Johan Lauwaert -- Department of Electronics and Information Systems</i>	3	a		A:2	90
6	E735026 Analogue Design [nl] <i>Patrick Van Torre -- Department of Information Technology</i>	6	a		A:1	180
7	E735027 Biomedical Electronics [nl] <i>Paul Devos -- Department of Information Technology</i>	3	a		A:1	90
8	E031251 Design Methodology for FPGAs <i>Dirk Stroobandt -- Department of Electronics and Information Systems</i>	6			A:1	180
9	E670000 Summer Course [en, nl] <i>Steven Verstockt -- Department of Electronics and Information Systems</i>	3			A:1	90
10	E016712 Computer Graphics <i>Danilo Babin -- Department of Telecommunications and Information Processing</i>	6			A:2	180
11	E019370 Robotics <i>Tony Belpaeme -- Department of Electronics and Information Systems</i>	6			A:1	180
12	E099600 Industry Internship Engineering Technology [en, nl] <i>Patrick Segers -- Department of Electronics and Information Systems</i>	6			A:J	180
13	E099600 Industry Internship Engineering Technology [en, nl] <i>Patrick Segers -- Department of Electronics and Information Systems</i>	3			B:J	90
14	E705002 Master's Dissertation [nl]	18			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 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 2026-2027	f: annually, from 2027-2028	i: annually, from 2028-2029
b: tri-annually	d: bi-annually, from 2026-2027	g: bi-annually, from 2027-2028	j: bi-annually, from 2028-2029
	e: tri-annually, from 2026-2027	h: tri-annually, from 2027-2028	k: tri-annually, from 2028-2029