Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture

Preparatory Course Master of Science in Electromechanical Engineering -- Electrical Power Engineering

Language of instruction: Dutch

Programme version 2

1   General Courses

1.1   General Courses recommended by the Faculty Board — 30 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	E007120	Modelling and Control of Dynamic Systems	6		1	A:2	180
		Mia Loccufier -- Department of Electromechanical, Systems and Metal Engineering					
2	E036111	Electrical Drives	6		1	A:2	180
		Luc Dupré -- Department of Electromechanical, Systems and Metal Engineering					
3	E039110	Technical Thermodynamics	6		1	A:2	180
		Michel De Paepe -- Department of Electromechanical, Systems and Metal Engineering					
4	E041011	Kinematics and Dynamics of Mechanisms	6		1	A:1	180
		Magd Abdel Wahab -- Department of Electromechanical, Systems and Metal Engineering					
5	E062220	Machine Elements	6		1	A:2	180
		Patrick De Baets -- Department of Electromechanical, Systems and Metal Engineering					

1.2   General Courses according to diploma

Subscribe to no more than 60 credit units from the Bachelor of Science in Engineering, main subject Electromechanical Engineering, depending on the student's previous degree. Subject to approval by the faculty.

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 2023-2024	f: annually, from 2024-2025	i: annually, from 2025-2026
b: tri-annually	d: bi-annually, from 2023-2024	g: bi-annually, from 2024-2025	j: bi-annually, from 2025-2026
	e: tri-annually, from 2023-2024	h: tri-annually, from 2024-2025	k: tri-annually, from 2025-2026