

Study Programme

Academic year 2025-2026

Faculty of Engineering and Architecture

Preparatory Course European Master of Science in Nuclear Fusion and Engineering Physics

Language of instruction: Dutch

Programme version 7

I General Courses

1.1 Previous degree: BSc in Engineering					12	12 credits	
N	Course		CRDT	Ref MT1	Session	Study	
1	E023010	Quantum Mechanics I Louis Vanduyfhuys Department of Applied Physics	6	1	A:2	180	
2	E045120	Transport Phenomena Tom De Mulder Department of Civil Engineering	6	1	B:2	180	
1.	2 Previou	us degree: MSc in Engineering Technology			37	credits	
N	Course		CRDT	Ref MT1	Session	Study	
1	E000662	Geometry and Linear Algebra Hennie De Schepper Department of Electronics and Information Systems	7	1	A:2	210	
2	E003043	Probability and Statistics Jasper De Bock Department of Electronics and Information Systems	6	1	A:2	180	
3	E020220	Physics II Christophe Leys Department of Applied Physics	6	1	A:1	180	
4	E001161	Mathematic Models [en] Karel Van Acoleyen Department of Electronics and Information Systems	6	1	A:1	180	
5	E023010	Quantum Mechanics I Louis Vanduyfhuys Department of Applied Physics	6	1	A:2	180	
6	E045120	Transport Phenomena Tom De Mulder Department of Civil Engineering	6	1	B:2	180	

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 cs: Czech da: Danish	de: German el: Greek en: English	es: Spanish fr: French it: Italian	ja: Japanese nl: Dutch no: Norwegian	pl: Polish pt: Portuguese ru: Russian	sh: Kroatian/Serbian sl: Slovene sv: Swedish	zh: Chinese
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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 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