Study Programme

Academic year 2026-2027

Faculty of Medicine and Health Sciences
Postgraduate Certificate Expert in Medical Radiation Physics

Language of instruction: Dutch

Programme version 3

1 General Courses — 20 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	D002433	Detection and Measurement of Ionizing Radiation	3	1		A:1	90
		Klaus Bacher -- Department of Human Structure and Repair					
2	D002435	Seminars about Radiation Physics	6	1		A:J	180
		Klaus Bacher -- Department of Human Structure and Repair					
3	D013254	Radiation Protection, Safety and Legislation	5	1		A:J	150
		Klaus Bacher -- Department of Human Structure and Repair					
4	E078231	Computational and Numerical Methods in Medical Physics [en]	6	1		A:1	180
		Brent van der Heyden -- Department of Electronics and Information Systems					

2 Elective Courses — 36 credits

2.1 — 36 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	D002436	Quality Assurance and Special Technology in Radiology	6	1		A:J	180
		Klaus Bacher -- Department of Human Structure and Repair					
2	D002437	Professional Training in the Field of Radiology	30	1		A:J	900
		Klaus Bacher -- Department of Human Structure and Repair					

2.2 — 36 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	D002438	Quality Assurance and Special Technology in Radiotherapy	6	1		A:1	180
		Barbara Vanderstraeten -- Department of Human Structure and Repair					
2	D002439	Professional Training in the Field of Radiotherapy	30	1		A:J	900
		Barbara Vanderstraeten -- Department of Human Structure and Repair					

2.3 — 36 credits

Nr	Course		CRDT	Ref	MT1	Session	Study
1	D002440	Quality Assurance and Special Technology in Nuclear Medicine in vivo	6	1		A:	180
		Yves D'Asseler -- Department of Diagnostic Sciences					
2	D002441	Professional Training in the Field of Nuclear Medicine	30	1		A:J	900
		Yves D'Asseler -- Department of Diagnostic Sciences					

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 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