

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 <i>Klaus Bacher -- Department of Human Structure and Repair</i>	3		1	A:1	90
2	D002435 Seminars about Radiation Physics <i>Klaus Bacher -- Department of Human Structure and Repair</i>	6		1	A:J	180
3	D013254 Radiation Protection, Safety and Legislation <i>Klaus Bacher -- Department of Human Structure and Repair</i>	5		1	A:J	150
4	E078231 Computational and Numerical Methods in Medical Physics [en] <i>Brent van der Heyden -- Department of Electronics and Information Systems</i>	6		1	A:1	180

## 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 <i>Klaus Bacher -- Department of Human Structure and Repair</i>	6		1	A:J	180
2	D002437 Professional Training in the Field of Radiology <i>Klaus Bacher -- Department of Human Structure and Repair</i>	30		1	A:J	900

### 2.2 36 credits

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

### 2.3 36 credits

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

## 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