UCLouvain

RDTH2MC

2020 - 2021

Advanced Master in Radiotherapy-Oncology

At Bruxelles Woluwe - 300 credits - 5 years - Day schedule - In French
Dissertation/Graduation Project : **YES** - Internship : **YES**
Activities in English: **NO** - Activities in other languages : **NO**
Activities on other sites : **NO**
Main study domain : **Sciences médicales**
Organized by: **Faculty of Medicine and Dentistry (MEDE)**
Programme acronym: **RDTH2MC** - Francophone Certification Framework: 7

Table of contents

RDTH2MC - Introduction

Introduction

RDTH2MC - Teaching profile

Learning outcomes

This complementary master's programme aims to prepare doctors to become officially recognised holders of the particular professional title of specialist Doctor in radiotherapic-oncology (Ministerial decree of 08.12.1980 published on 03.03.1980, modified by the ministerial decrees of 24.07.1990 and 11.04.1999).

Programme structure

The training course comprises full time apprenticeships in recognised services and teaching centres. It lasts for at least five years, full-time, including at least two years of foundation studies and at least three years of higher studies. The apprenticeship project established by the university stage coordinator must be approved by the ministerial validation committee for the speciality. These periods of practical training include being on call

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RDTH2MC Detailled programme

Programme by subject

CORE COURSES [300.0]

O Mandatory	⊠ Optional
△ Courses not taught during 2020-2021	⊘ Periodic courses not taught during 2020-2021
⊕ Periodic courses taught during 2020-2021	Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year 1 2 3 4 5

O Premier bloc annuel (Formation universitaire spécifique - FUS) (60 credits)

O Compléments de radiothérapie-oncologie, 1re partie (13 credits)

						1	2	3	4	5
O WRDTH2331	Radiobiologie et radiogénétique	Xavier Geets (coord.) Eléonore Longton	30h	4 Credits	q2	x				
O WRPR2001	Notions de base de radioprotection	Pascal Carlier Michaël Dupont François Jamar (coord.) Renaud Lhommel	10h+5h	2 Credits	q1	x				
O WRPR2002	Compléments de radioprotection	Philippe Clapuyt Michaël Dupont François Jamar (coord.)	20h+10h	3 Credits	q2	x				
O WRPR3010	Questions spéciales de radioprotection	Philippe Clapuyt Michaël Dupont François Jamar (coord.) Sébastien Lichtherte Edmond Sterpin Aude Vaandering Françoise VANNESTE	40h	4 Credits	q2	x				

						Year 1	2	3	4	5
Autres activités (47 credits)										
WRDTH2311	Questions spéciales de radiothérapie-oncologie, 1re année (enseignement IU-ABRO- et séminaires cliniques multidisciplinaires)	Xavier Geets (coord.)	84h	10 Credits	q2	x				
WRDTH2381	Stages cliniques de radiothérapie-oncologie 1re année, 1re partie			21 Credits	q1+q2	x				
WRDTH2391	Stages cliniques de radiothérapie-oncologie 1re année, 2e partie			16 Credits	q3	x				
Deuxième bloc annuel (Formation universitaire spécifique - FUS) (60 credits)										
Compléments de radiothérapie-oncologie, 2e partie (8 credits)										
WRDTH3120	Dosimétrie en radiothérapie et contrôle de qualité	Edmond Sterpin	30h	3 Credits	q2		x			
WRDTH3160	Dosimétrie informatisée en radiothérapie	Xavier Geets Carine Kirkove Laurette Renard Edmond Sterpin (coord.)	30h+60h	5 Credits	q2		x			
Autres activités (52 credits)										
WRDTH2312	Questions spéciales de de radiothérapie-oncologie 2e année (enseignement IU -ABRO- et séminaires cliniques multidisciplinaires)	Xavier Geets (coord.)	84h	10 Credits	q2		x			
WRDTH2382	Stages cliniques de radiothérapie-oncologie 2e année, 1re partie			21 Credits	q1+q2		x			
WRDTH2392	Stages cliniques de radiothérapie-oncologie 2e année, 2e partie			21 Credits	q3		x			
Troisième bloc annuel (60 credits)										
WRDTH2313	Questions spéciales de radiothérapie-oncologie 3e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)	Xavier Geets (coord.)	84h	12 Credits	q2			x		
WRDTH2383	Stages cliniques de radiothérapie-oncologie 3e année, 1re partie			24 Credits	q2			x		
WRDTH2393	Stages cliniques de radiothérapie-oncologie 3e année, 2e partie			24 Credits	q3			x		
Quatrième bloc annuel (60 credits)										
WRDTH2314	Questions spéciales de radiothérapie-oncologie 4e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)	Xavier Geets (coord.)	84h	12 Credits	q2				x	
WRDTH2384	Stages cliniques de radiothérapie-oncologie 4e année, 1re partie			24 Credits	q1+q2				x	
WRDTH2394	Stages cliniques de radiothérapie-oncologie 4e année, 2e partie			24 Credits	q3				x	
Cinquième bloc annuel (60 credits)										
WRDTH2315	Questions spéciales de radiothérapie-oncologie 5e année (enseignement U ou IU -ABRO- et séminaires cliniques multidisciplinaires)	Xavier Geets (coord.)	84h	10 Credits	q2					x
WRDTH2385	Stages cliniques de radiothérapie-oncologie 5e année, 1re partie			25 Credits	q1+q2					x
WRDTH2395	Stages cliniques de radiothérapie-oncologie 5e année, 2e partie			10 Credits	q3					x
WRDTH2375	Mémoire de radiothérapie-oncologie			15 Credits	q2					x

The programme's courses and learning outcomes

For each UCLouvain training programme, a reference framework of learning outcomes specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document *"In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"*

The document is available by clicking this link after being authenticated with your UCLouvain account.

RDTH2MC - Information

Access Requirements

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.
Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.
The admission requirements must be met prior to enrolment in the University.

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SUMMARY

General access requirements

Subject to the general requirements laid down by the academic authorities, admission to the specialized Master's degree programme will be granted to students who fulfil the entry requirements for studies leading to the award of a Master's (second-cycle) degree and who hold a second-cycle diploma, degree, certificate or other qualification issued within or outside the French Community of Belgium, or whose prior learning or experience has been accredited by the Examination Board as being equivalent to at least 300 credits.

Evaluation

The evaluation methods comply with the regulations concerning studies and exams. More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

First part

An evaluation of knowledge on the "basis" subjects is carried out at the end of the second year. Further to the application of the Royal Decree of 16 March, 1999, at the end of his first two years of training, the candidate will receive an attestation proving that he has successfully accomplished a specific university training course.

Second part

An evaluation of knowledge on the "clinical" subjects corresponding to the higher studies is carried out at the end of the fifth year. By way of reminder, an evaluation of knowledge is carried out on a national level at the end of the fourth year. This aims to test the "clinical" topics corresponding to the studies of the second part of the training course. A dissertation (level of undergraduate, or a publication juged to be equivalent) is required. This will then be defended in public.

Besides this, an attestation of competence in radio-protection and in the basic disciplines (physics of ionizing rays, dosimetry, radiobiology) issued by the University is compulsory to obtain the ministerail recognition allowing the use of ionizing rays in radiotherapy. Upon fulfilment of the above-described training requirements, the teaching committee will award the academic title in radiotherapy-oncology.

This title does not replace official recognition by the ministerial validation committee. It attests to the successful completion of an academic and scientific study programme in the context of specialised training leading to this validation. A Ph.D in medical sciences, orientation : radiotherapy-oncology may be undertaken by the candidates who have obtained more than a 70% score in the exams and who have presented their undergraduate dissertation. This Ph.D (clinical orientation) must be of the standard level required for a Ph.D in terms of its originality and volume of data contained.

Contacts

Curriculum Management

Faculty

Structure entity	SSS/MEDE
Denomination	Faculty of Medicine and Dentistry (MEDE)
Sector	Health Sciences (SSS)
Acronym	MEDE
Postal address	Avenue Mounier 50 - bte B1.50.04 1200 Woluwe-Saint-Lambert Tel: +32 (0)2 764 50 20 - Fax: +32 (0)2 764 50 35

Mandate(s)

- Doyenne : Françoise Smets

Commission(s) of programme

- Commission des masters de spécialisation et certificats en médecine (MSCM)

Academic supervisor: Xavier Geets

Jury

- President of the Jury: Xavier Geets
- Secretary of Jury: Laurette Renard