

At Bruxelles Woluwe - 300 credits - 5 years - Day schedule - In FrenchDissertation/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: **BCMM2MC** - Francophone Certification Framework: 7**Table of contents**

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BCMM2MC - Introduction

Introduction

BCMM2MC - Teaching profile

Learning outcomes

This complementary master's programme aims to prepare doctors to be recognised holders of the particular professional title of specialist doctor in Clinical Biology (Ministerial decree of the 15.09.1979, published on 26.09.1979, modified by the Ministerial decree of 26.04.1982, 03.09.1984 and 07.03.1985).

Programme structure

The training course includes full time apprenticeships in recognised services and teaching centres and lasts for at least five years. The apprenticeship project established by the university promoter must be approved by the ministerial validation committee for the speciality. These periods of practical training include being on call.

[> Tronc commun BCMM2MC](#) [en-prog-2020-bcmm2mc-tronc_commun]

BCMM2MC Detailed programme

Programme by subject

CORE COURSES

- Mandatory
- △ Courses not taught during 2020-2021
- ⊕ Periodic courses taught during 2020-2021
- ⊗ Optional
- ⊖ Periodic courses not 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)

Code	Description	Coordonnateur	Heures	Credits	Évaluation	1	2	3	4	5
WBCMM2301	Formation universitaire spécifique en biologie clinique 1re année	Pascale Saussoy (coord.)	35h	4 Credits	q1	x				
WBCMM21021	Séminaires de biologie clinique, 1re année		20h	2 Credits	q1 or q2	x				
WBCMM22041	Séminaires de biologie clinique post gradués, 1re année		8h	2 Credits	q2	x				
WBCMM2201	Hémopathies : de l'hémogramme à la moléculaire. Approche biologique multidisciplinaire.	Jean-Philippe Defour (coord.) Pascale Saussoy	15h	2 Credits	q1	x				
WBICL2107	Principe et méthodologie des dosages immunologiques	Diane Maisin	15h	3 Credits	q2	x				
WBCMM2381	Stages de biologie clinique 1re année, 1re partie			24 Credits	q1+q2	x				
WBCMM2391	Stages de biologie clinique 1re année, 2e partie			23 Credits	q3	x				

o Deuxième bloc annuel (Formation universitaire spécifique - FUS) (60 credits)

WBCMM2302	Formation universitaire spécifique en biologie clinique 2e année	Pascale Saussoy (coord.)	35h	4 Credits	q1		x			
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						Year				
						1	2	3	4	5
○ WBCMM21022	Séminaires de biologie clinique, 2e année		20h	2 Credits	q1 or q2		x			
○ WBCMM22042	Séminaires de biologie clinique post gradués, 2e année		8h	2 Credits	q2		x			
○ WBICL2100	Further Development in Clinical Chemistry	Joseph Dewulf Catherine Fillee Damien Gruson (coord.) Vincent Haufroid Diane Maisin Vincent van Pesch Pierre Wallemacq	50h	5 Credits	q2		x			
○ WBICL2110	Eléments de statistique appliqués à la biologie clinique	Catherine Fillee Annie Robert (coord.)	15h	2 Credits	q1		x			
○ WBCMM2382	Stages de biologie clinique 2e année, 1re partie			23 Credits	q1+q2		x			
○ WBCMM2392	Stages de biologie clinique 2e année, 2e partie			22 Credits	q3		x			

o Troisième bloc annuel (60 credits)

○ WBCMM21023	Séminaires de biologie clinique, 3e année		20h	2 Credits	q1 or q2			x		
○ WBCMM22043	Séminaires de biologie clinique post gradués, 3e année		8h	2 Credits	q2			x		
○ WBICL2102	Complements in microbiology	Pierre Bogaerts Te-Din Huang Hector Rodriguez-Villalobos (coord.) Françoise Van Bambeke Alexia Verroken	60h	5 Credits	q2			x		
○ WBICL2103	Complements in Virology	Pierre Bogaerts Benoît Kabamba-Mukadi (coord.) Anaïs Scohy	45h	4 Credits	q2			x		
○ WBICL2109	Complément d'hématologie	Jean-Philippe Defour (coord.) Marie-Astrid van Dievoet	25h	3 Credits	q2			x		
○ WBCMM2383	Stages de biologie clinique 3e année, 1re partie			24 Credits	q1+q2			x		
○ WBCMM2393	Stages de biologie clinique 3e année, 2e partie			20 Credits	q3			x		

o Quatrième bloc annuel (60 credits)

○ WBCMM2101	Basic technical services in clinical biology: routine and on-call	Jean-Philippe Defour Hugues Jacqmin François Mullier Pascale Saussoy (coord.) Marie-Astrid van Dievoet	20h+10h	3 Credits	q1					x
○ WBCMM2203	Questions spéciales d'hémostase	Marie-Astrid van Dievoet	45h	4 Credits	q1+q2					x
○ WBCMM21024	Séminaires de biologie clinique, 4e année		20h	2 Credits	q1 or q2					x
○ WBCMM22044	Séminaires de biologie clinique post gradués, 4e année		8h	2 Credits	q2					x
○ WBICL2101M	Questions spéciales d'immunologie, d'immunohématologie et de transfusion		20h	2 Credits	q2					x
○ WBICL2106	Informatique appliquée à la biologie clinique	Benoît Debande (coord.) Catherine Fillee	15h	3 Credits	q1					x
○ WBCMM2384	Stages de biologie clinique 4e année, 1re partie			20 Credits	q1+q2					x
○ WBCMM2394	Stages de biologie clinique 4e année, 2e partie			18 Credits	q3					x
○ WBCMM2374	Préparation au mémoire de biologie clinique			6 Credits	q2					x

o Cinquième bloc annuel (60 credits)

○ WBCMM21025	Seminars in clinical biology, 5		20h	2 Credits	q1 or q2					x
○ WBCMM22045	Séminaires de biologie clinique postgradués, 5e année		8h	2 Credits	q2					x
○ WBCMM2202	Revue de cas en hématologie et journal club	Jean-Philippe Defour Hugues Jacqmin François Mullier Pascale Saussoy (coord.)	45h	4 Credits	q1 or q2					x

Year

						1	2	3	4	5
○ WBCMM2315	Examen final de connaissances en biologie clinique	Pascale Saussoy (coord.)	60h	6 Credits	q2					x
○ WBCMM2385	Stages de biologie clinique 5e année, 1re partie			20 Credits	q1+q2					x
○ WBCMM2395	Stages de biologie clinique 5e année, 2e partie			17 Credits	q3					x
○ WBCMM2375	Mémoire de biologie clinique			9 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?"*

BCMM2MC - 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.*

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- [General access requirements](#)
- [Specific access requirements](#)

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.

Specific access requirements

Specific Admission Requirements

Admission conditions

- The applicant must hold the degree title of Doctor in Medecine or be a Doctor from a member country of the European Union authorising medical practice in Belgium.
- The applicant must be in possession of a document attesting that, at the end of the selection exams, he was retained as a specialist candidate in Clinical Biology, in a Belgian medical faculty.
- The entrance exam includes the evaluation of the study curriculum, compulsory work experience periods (2 months minimum) in Clinical Biology as well as an exam focussing on the three subject areas : medical biochemistry, microbiology and haematological biology.

The juridical context and practical procedures regarding these selection tests can be obtained from the secretary's office. Degree holders from outside the European Union are only allowed to register on the programme in the context of procuring a university certificate for partially specialised training for the duration of two years (if they are in the process of doing a specialisation in their country of origin) or for an in-depth specialised training course for the duration of one year (if they are already recognised as specialists in their own country).

The Royal Decree of the 30.05.2002, relating to the planning of the medical offer published on the 14.06.2002, applies to those candidates wishing to obtain the title of specialist doctor in Clinical Biology (those candidates are thus counted among the general practitioner candidates or specialists in the context of the numerus clausus).

Admission procedures

Applications for admission must be addressed to the academic supervisor. The organisation of the entrance selection tests is arranged in accordance with the calendar and the general examination rules and regulations.

Evaluation

The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Presentation of written and / or oral exams for compulsory courses.

Presentation of a dissertation based on a publication in an international journal of which the candidate will be the first author. The subject of the thesis must be approved by the Commission.

In application of the royal decree of April 21, 1983, the candidate will receive, at the end of the first two years of training, a certificate which proves that he has successfully followed a specific university training.

When the training requirements described above have been met, the teaching committee will award the academic title of master in clinical biology.

This title does not replace recognition by the ministerial accreditation committee. It attests to academic and scientific training as part of the specialized training leading to accreditation.

Contacts

Curriculum Management

Entity

Structure entity

SSS/MEDE/MSCM

Denomination

(MSCM)

Faculty

Faculty of Medicine and Dentistry (MEDE)

Sector

Health Sciences (SSS)

Acronym

MSCM

Postal address

Avenue Mounier 50 - bte B1.50.05
1200 Woluwe-Saint-Lambert

Academic supervisor: Hector Rodriguez-Villalobos

Jury

- Hector Rodriguez-Villalobos
- Pierre Wallemacq

Useful Contact(s)

- Vice-president of the selection board: daniel.huang@uclouvain.be

