



The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

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: **BCMM2MC** - Francophone Certification Framework: 7

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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.

BCMM2MC Programme

Detailed programme by subject

CORE COURSES

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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)

○ WBCMM2301	Formation universitaire spécifique en biologie clinique 1re année	Hector Rodriguez-Villalobos (coord.)	FR [q1] [35h] [4 Credits] 🌐	X					
○ WBCMM21021	Séminaires de biologie clinique, 1re année		FR [q1 or q2] [20h] [2 Credits] 🌐	X					
○ WBCMM22041	Séminaires de biologie clinique post gradués, 1re année		FR [q2] [8h] [2 Credits] 🌐	X					
○ WBCMM2201	Hémopathies : de l'hémogramme à la moléculaire. Approche biologique multidisciplinaire.	Pascale Saussoy (coord.) Corentin Streef	FR [q1] [15h] [2 Credits] 🌐	X					
○ WBICL2107	Principe et méthodologie des dosages immunologiques		FR [q2] [15h] [3 Credits] 🌐	X					
○ WBCMM2381	Stages de biologie clinique 1re année, 1re partie		FR [q1+q2] [] [24 Credits] 🌐	X					
○ WBCMM2391	Stages de biologie clinique 1re année, 2e partie		FR [q3] [] [23 Credits] 🌐	X					

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

○ WBCMM2302	Formation universitaire spécifique en biologie clinique 2e année	Hector Rodriguez-Villalobos (coord.)	FR [q1] [35h] [4 Credits] 🌐		X			
○ WBCMM21022	Séminaires de biologie clinique, 2e année		FR [q1 or q2] [20h] [2 Credits] 🌐		X			
○ WBCMM22042	Séminaires de biologie clinique post gradués, 2e année		FR [q2] [8h] [2 Credits] 🌐		X			
○ WBICL2100	Further Development in Clinical Chemistry		FR [q1] [50h] [5 Credits] 🌐		X			
○ WBICL2110	Eléments de statistique appliqués à la biologie clinique		FR [q1] [15h] [2 Credits] 🌐		X			
○ WBCMM2382	Stages de biologie clinique 2e année, 1re partie		FR [q1+q2] [] [23 Credits] 🌐		X			
○ WBCMM2392	Stages de biologie clinique 2e année, 2e partie		FR [q3] [] [22 Credits] 🌐		X			

o Troisième bloc annuel (60 credits)

○ WBCMM21023	Séminaires de biologie clinique, 3e année		FR [q1 or q2] [20h] [2 Credits] 🌐			X		
○ WBCMM22043	Séminaires de biologie clinique post gradués, 3e année		FR [q2] [8h] [2 Credits] 🌐			X		
○ WBICL2102	Complements in microbiology	Ahalieyah Anantharajah Te-Din Huang Hector Rodriguez-Villalobos (coord.) Anaïs Scohy Françoise Van Bambeke Alexia Verroken	FR [q2] [60h] [5 Credits] 🌐			X		
○ WBICL2103	Complements in Virology	Ahalieyah Anantharajah Pierre Bogaerts Benoît Kabamba-Mukadi (coord.) Anaïs Scohy Giulia Zorzi	FR [q1] [45h] [4 Credits] 🌐			X		
○ WBCMM2383	Stages de biologie clinique 3e année, 1re partie		FR [q1+q2] [] [24 Credits] 🌐			X		
○ WBCMM2393	Stages de biologie clinique 3e année, 2e partie		FR [q3] [] [23 Credits] 🌐			X		

o Quatrième bloc annuel (60 credits)

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

o Cinquième bloc annuel (60 credits)

○ WBCMM21025	Seminars in clinical biology, 5		FR [q1 or q2] [20h] [2 Credits] 🌐					X
○ WBCMM22045	Séminaires de biologie clinique postgradués, 5e année		FR [q2] [8h] [2 Credits] 🌐					X
○ WBCMM2202	Revue de cas en hématologie et journal club	François Mullier Madeleine Rousseaux Pascale Saussoy (coord.) Marie-Astrid van Dievoet	FR [q1 or q2] [45h] [4 Credits] 🌐					X
○ WBCMM2315	Examen final de connaissances en biologie clinique	Hector Rodriguez-Villalobos (coord.)	FR [q2] [60h] [6 Credits] 🌐					X
○ WBCMM2385	Stages de biologie clinique 5e année, 1re partie		FR [q1+q2] [] [20 Credits] 🌐					X
○ WBCMM2395	Stages de biologie clinique 5e année, 2e partie		FR [q3] [] [17 Credits] 🌐					X
○ WBCMM2375	Mémoire de biologie clinique		FR [q2] [] [9 Credits] 🌐					X

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

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.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

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

Translated from https://www.galilex.cfwb.be/fr/leg_res_01.php?ncda=39681&referant=l02

Art. 112. of the "Décret définissant le paysage de l'enseignement supérieur et l'organisation académique des études" :

§ 1. In accordance with the general requirements established by the academic authorities, students who have:

1. a master's degree;
2. an academic degree similar to the one mentioned in the preceding paragraph awarded by a higher education institution in the Flemish Community or the German-speaking Community, or by the Royal Military Academy, by virtue of a decision of the academic authorities and in accordance with any additional requirements they may establish;
3. a foreign academic degree deemed equivalent to the one mentioned in paragraph 1, in accordance with this Decree, a European directive, an international convention or other legislation, in accordance with the same requirements.

The additional admission requirements referred to in paragraph 2 are intended to ensure that the student has acquired the knowledge and skills required for the studies in question. When the additional admission requirements consist of one or more additional course units, these may not represent more than 60 additional credits for the student, taking into account all the credits that he or she may otherwise use for admission. These course units are part of the student's study programme.

§ 2. In accordance with the general requirements established by the academic authorities, a student who holds a title, diploma, degree or certificate of higher education, in the French Community or outside it, which does not grant him or her eligibility for admission to a specialised master's course by virtue of the preceding paragraph, may nevertheless be admitted by the jury of the course in question, in accordance with the additional requirements that it establishes, if the totality of the higher education that he or she has completed or the expertise that he or she has acquired is valued by the jury to be at least 240 credits.

§ 3. By way of derogation from these general requirements, the academic authorities may also admit to a specialised master's course holders of a title, diploma, degree or certificate awarded outside the French Community which, in that system of origin, grants direct eligibility for postgraduate studies, even if the studies sanctioned by these credentials are not organised into distinct degree courses or within a time period of at least five years.

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.

Specific professional rules

These studies lead to a professional title subject to specific rules or restrictions on professional accreditation or establishment.

You will find the necessary legal information by [clicking here](#).

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".

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

Denomination

Faculty

Sector

Acronym

Postal address

SSS/MEDE/MSCM

(MSCM)

Faculty of Medicine and Dentistry (MEDE)

Health Sciences (SSS)

MSCM

Avenue Mounier 50 - bte B1.50.05

1200 Woluwe-Saint-Lambert

Academic supervisor: [Hector Rodriguez-Villalobos](#)

Jury

- Jury president: [Hector Rodriguez-Villalobos](#)
- Jury secretary: daniel.huang@uclouvain.be

Useful Contact(s)

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

