

**BCMM2MC**

2016 - 2017

Advanced Master in Clinical Biology

**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: **Faculté de médecine et médecine dentaire (MEDE)**Programme code: **bcmm2mc** - Francophone Certification Framework: 7**Table of contents**

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## BCMM2MC - Introduction

### Introduction

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## 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. Candidates have the choice between 4 orientations :

- Medical Biochemistry
- Microbiology
- Haematological Biology
- Polyvalent Clinical Biology

The first part (2 years) is common to the four orientations.

[> Tronc commun BCMM2MC \[ en-prog-2016-bcmm2mc-wbcm200t.html \]](#)

## BCMM2MC Detailed programme

### Programme by subject

#### CORE COURSES

● Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ 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)

● WBCMM2301	Formation universitaire spécifique en biologie clinique 1re année		35h	4 Credits	2q	x				
● WBCMM21021	Séminaires de biologie hématologique, 1re année	Jean-Philippe.Defour Veronique.Deneys Dominique.Latinne (coord.) Francois.Mullier Pascale.Saussoy	20h	2 Credits	2q	x				
● WBCMM22041	Séminaires de biologie clinique post gradués, 1re année	Jean-Philippe.Defour Pascale.Saussoy (coord.)	8h	2 Credits	2q	x				
● WBCMM2201	Morphologie des organes hématopoïétiques et cytologie clinique	Jean-Philippe.Defour Francois.Mullier Pascale.Saussoy (coord.)	15h	2 Credits		x				

						Year				
						1	2	3	4	5
○ WBICL2107	Principe et méthodologie des dosages immunologiques	Diane.Maisin	15h+40h	3 Credits	2q	x				
○ WBCMM2381	Stages de biologie clinique 1re année, 1re partie			24 Credits	1 + 2q	x				
○ WBCMM2391	Stages de biologie clinique 1re année, 2e partie			23 Credits	3q	x				

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

○ WBCMM2302	Formation universitaire spécifique en biologie clinique 2e année		35h	4 Credits	2q		x			
○ WBCMM21022	Séminaires de biologie hématologique, 2e année	Jean-Philippe.Defour Veronique.Deneys Dominique.Latinne (coord.) Francois.Mullier Pascale.Saussoy	20h	2 Credits	2q		x			
○ WBCMM22042	Séminaires de biologie clinique post gradués, 2e année	Jean-Philippe.Defour Pascale.Saussoy (coord.)	8h	2 Credits	2q		x			
○ WBICL2100M	Compléments de biochimie médicale (partim)		45h	5 Credits	2q		x			
○ WBCMM2382	Stages de biologie clinique 2e année, 1re partie			24 Credits	1 + 2q		x			
○ WBCMM2392	Stages de biologie clinique 2e année, 2e partie			23 Credits	3q		x			

### ○ Troisième bloc annuel (60 credits)

#### ○ Enseignement obligatoire (13 credits)

○ WBCMM21023	Séminaires de biologie hématologique, 3e année	Jean-Philippe.Defour Veronique.Deneys Dominique.Latinne (coord.) Francois.Mullier Pascale.Saussoy	20h	2 Credits	2q			x		
○ WBCMM22043	Séminaires de biologie clinique post gradués, 3e année	Jean-Philippe.Defour Pascale.Saussoy (coord.)	8h	2 Credits	2q			x		
○ WBICL2102M	Compléments de microbiologie (partim M)		60h	5 Credits	2q			x		
○ WBICL2103M	Compléments de virologie (partim M)		45h	4 Credits	2q			x		

#### ○ Enseignement au choix (5 credits)

Le candidat choisit pour minimum 5 crédits parmi les cours suivants selon sa filière : biologie clinique polyvalente - biologie clinique microbiologie - biologie clinique biochimie médicale - biologie clinique hématologie.

⊗ WBCMM2200	Special topics on clinical chemistry	Catherine.Fillee Vincent.Haufroid Pierre.Wallemacq (coord.)	30h	5 Credits				x		
⊗ WMED1264	Hygiène hospitalière	Anne.Simon	15h	2 Credits	2q			x		
⊗ WBCMM2101	Methods in Haematological Biology	Bernard.Chatelain Jean-Philippe.Defour Dominique.Latinne (coord.) Francois.Mullier Pascale.Saussoy	20h+10h	3 Credits				x		
⊗ WFARM2502	Further development in analytical toxicology and phytopharmacy	Pierre.Wallemacq	20h+10h	3 Credits	2q			x		
⊗ WINTR2181	Compléments d'hémostase	Stephane.Eeckhoudt Cedric.Hermans (coord.) Catherine.Lambert	15h	2 Credits	2q			x		

						Year				
						1	2	3	4	5
⊗ WINTR2182	Complements in Haematology	Chantal.Doyen Carlos.Graux Violaine.Havelange Cedric.Hermans (coord.) Xavier.Poire Anne.Sonet Eric.Vandenneste Marie- Christiane.Vekemans	15h	2 Credits	2q			x		
⊗ WBICL2105	Apports de la biologie au diagnostic des principales maladies endocriniennes	Damien.Gruson Dominique.Maiter (coord.)	22.5h	3 Credits	1q			x		
⊗ WBICL2104	New aspects on the use of autoimmune serology	Sylvie.Goletti Damien.Gruson (coord.)	15h	2 Credits	2q			x		
⊗ WFARM2139G	Pharmacogénomique et toxicologie (partie Génomique)		8h	2 Credits	1q			x		
⊗ WBCMM2202	Protocoles de morphologie hématologique	Jean-Philippe.Defour Francois.Mullier Pascale.Saussoy (coord.)	45h	4 Credits				x		
⊗ WBCMM2203	Questions spéciales d'hémostase	Stephane.Eeckhoudt Cedric.Hermans (coord.)	45h	4 Credits				x		

### o Stages (42 credits)

○ WBCMM2383	Stages de biologie clinique 3e année, 1re partie			21 Credits	1 + 2q			x		
○ WBCMM2393	Stages de biologie clinique 3e année, 2e partie			21 Credits	3q			x		

### o Quatrième bloc annuel (60 credits)

○ WBCMM21024	Séminaires de biologie hématologique, 4e année	Jean-Philippe.Defour Veronique.Deneys Dominique.Latinne (coord.) Francois.Mullier Pascale.Saussoy	20h	2 Credits	2q				x	
○ WBCMM22044	Séminaires de biologie clinique post gradués, 4e année	Jean-Philippe.Defour Pascale.Saussoy (coord.)	8h	2 Credits	2q				x	
○ WBICL2101M	Questions spéciales d'immunologie, d'immunohématologie et de transfusion		20h	2 Credits	2q				x	
○ WBICL2106	Informatique appliquée à la biologie clinique	Benoit.Debande (coord.) Catherine.Fillee	15h+15h	3 Credits					x	
○ WBCMM2384	Stages de biologie clinique 4e année, 1re partie			23 Credits	1 + 2q				x	
○ WBCMM2394	Stages de biologie clinique 4e année, 2e partie			22 Credits	3q				x	
○ WBCMM2374	Préparation au mémoire de biologie clinique			6 Credits	2q				x	

### o Cinquième bloc annuel (60 credits)

○ WBCMM2315	Examen final de connaissances en biologie clinique			6 Credits	2q					x
○ WBCMM2385	Stages de biologie clinique 5e année, 1re partie			20 Credits	1 + 2q					x
○ WBCMM2395	Stages de biologie clinique 5e année, 2e partie			24 Credits	3q					x
○ WBCMM2375	Mémoire de biologie clinique			10 Credits	2q					x

## The programme's courses and learning outcomes

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For each UCL 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 UCL account.

## BCMM2MC - Information

### Admission

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*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.

#### General 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.

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### Specific Admission Requirements

#### Admission conditions

- The applicant must hold the degree title of Doctor in Medicine 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.

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## Evaluation

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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 for the exam for compulsory courses at the end of the 2nd and 5th year. Presentation of a thesis based on a publication in an international magazine of which the candidate is the first author. The subject of the thesis must be approved by the Committee.

Further to the application of the Royal Decree of 16 March, 1999, after the first two years of studies, the candidate will receive an attestation proving he has successfully accomplished a specific university training programme. Upon fulfilment of the training requirements, described above, the teaching committee will award the academic title in Clinical Biology, specifying the orientation chosen.

This title does not replace official recognition by the ministerial validation committee. It attests the successful completion of an academic and scientific study programme in the context of specialised training leading to this validation.

## Contacts

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Attention, you are currently reading a page of an old programme study. To get up to date contact information, please got to the [current program study](#) site.

## Curriculum Managment

Entite de la structure MEDE

Sigle	<b>MEDE</b>
Dénomination	Faculté de médecine et médecine dentaire
Adresse	Avenue Mounier, 50 bte B1.50.04 1200 Woluwe-Saint-Lambert Tél 02 764 50 20 - Fax 02 764 50 35
Secteur	Secteur des sciences de la santé (SSS)
Faculté	Faculté de médecine et médecine dentaire (MEDE)
Mandats	Dominique Vanpee <span style="float: right;">Doyen</span>
Commissions de programme	Commission du master complémentaire en médecine générale (CAMG) Commission des certificats en radioprotection (CRPR) Commission des masters complémentaires et certificats en médecine spécialisée (MCCM) Ecole de médecine dentaire et de stomatologie (MDEN) Ecole de médecine (MED)

**Academic Supervisor** : Pascale Saussoy

## Jury

## Usefull Contacts

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