

At Bruxelles Woluwe - 360 credits - 6 years - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **NO** - Activities in other languages : **NO**Activities on other sites : **YES**Main study domain : **Sciences médicales**Organized by: **Faculty of Medicine and Dentistry (MEDE)**Programme acronym: **GENE2MC** - Francophone Certification Framework: 7**Table of contents**

Introduction	2
Teaching profile	3
- Learning outcomes	3
- Programme structure	3
- Detailed programme	3
- Programme by subject	3
- The programme's courses and learning outcomes	5
Information	6
- Access Requirements	6
- Specific professional rules	7
- Evaluation	7
- Contacts	7

GENE2MC - Introduction

Introduction

Introduction

The aim of this complementary 2nd cycle program is to prepare doctors for accreditation as holders of the special professional title of doctor specializing in clinical / medical genetics (MA of 23/05/2017 modified by AM of 29/05/2018 published on 15/06/2018).

Your profile

This master is accessible if you are:

- holders of the diploma of doctor of medicine, master of medicine or doctor of a country member of the European Union and allowing medical practice in Belgium;
- bear a document attesting that you were, at the end of the selection test, selected as candidate specialists in clinical genetics, in a Belgian faculty of medicine.

Your programme

The training includes full-time internships in approved services and lessons.

It is six years full-time and includes two years of general clinical training and four years of clinical genetics training.

Internships may include on-call activities.

The training plans drawn up by the university coordinating training masters must be approved by the ministerial accreditation committee for the specialty of clinical genetics for all training.

GENE2MC - Teaching profile

Learning outcomes

The purpose of this complementary 2nd cycle program is to prepare physicians for accreditation as holders of the specific professional title of physician specializing in clinical genetics and to acquire the final skills as described in the [A.M. 05/23/2017](#).

Programme structure

The program has a duration of 6 years structured in 6 annual blocks.

Two years of the internship relate to general clinical training in an approved internship service with a level 2 professional title mentioned in article 1 of the Royal Decree of 25 November 1991 establishing the list of specific professional titles reserved for practitioners of medical art, including dentistry.

Four years of the internship relate to training in clinical genetics in a human genetics center which has an accreditation as an internship service in clinical genetics.

At least twelve months and at most twenty-four months of this four-year training consist of training in a laboratory linked to the center of human genetics.

The internship is limited to four years of training in clinical genetics in the context where the specialist candidate has already obtained a level 2 qualification within the framework of which he followed, during his training, general clinical training of at least two years in an approved internship service.

[> Content:](#) [[en-prog-2020-gene2mc-tronc_commun](#)]

GENE2MC Detailed programme

Programme by subject

CORE COURSES [360.0]

Teaching staff: Anne De Leener (program coordinator), Nicole Revencu, Mikka Vikkula, Yves Sznajer.

● 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 6

● Premier bloc annuel (60 credits)

Le premier bloc annuel est constitué des enseignements et stages de la formation spécialisée d'un service de stage agréé d'un titre professionnel de niveau 2 mentionné à l'article 1er de l'arrêté royal du 25 novembre 1991 établissant la liste des titres professionnels particuliers réservés aux praticiens de l'art médical, en ce compris l'art dentaire.

● Deuxième bloc annuel (60 crédits)

Le deuxième bloc annuel est constitué des enseignements et stages de la formation spécialisée d'un service de stage agréé d'un titre professionnel de niveau 2 mentionné à l'article 1er de l'arrêté royal du 25 novembre 1991 établissant la liste des titres professionnels particuliers réservés aux praticiens de l'art médical, en ce compris l'art dentaire.

Year

1 2 3 4 5 6

o Troisième bloc annuel (60 credits)

○ WGENO2110	Génétique moléculaire médicale	Anne De Leener Raphaël Helaers Nisha Limaye Nicole Revencu Yves Sznajer Miikka Vikkula (coord.)	15h	2 Credits	q2				x				
○ WGENE2313	Séminaires de génétique médicale (IU) 3e année		60h	6 Credits	q1+q2				x				
○ WGENE2323	Séminaire de dysmorphologie (3e année)		24h	3 Credits	q1+q2				x				
○ WGENE2343	Participation au congrès annuel de la Société belge de génétique humaine (3e année)			2 Credits	q1+q2				x				
○ WGENE2383	Stages cliniques de génétique médicale 3e année, 1re partie			24 Credits	q1+q2				x				
○ WGENE2393	Stages cliniques de génétique médicale 3e année, 2e partie			23 Credits	q1+q2				x				

o Quatrième bloc annuel (60 credits)

○ WGENE2314	Séminaires de génétique médicale (IU) 4e année		60h	6 Credits	q1+q2					x			
○ WGENE2324	Séminaire de dysmorphologie (4e année)		24h	3 Credits	q1+q2					x			
○ WGENE2344	Participation au congrès annuel de la Société belge de génétique humaine (4e année)			2 Credits	q1+q2					x			
○ WGENE2384	Stages cliniques de génétique médicale 4e année, 1re partie			24 Credits	q1+q2					x			
○ WGENE2394	Stages cliniques de génétique médicale 4e année, 2e partie			23 Credits	q1+q2					x			
○ WGENE2374	Préparation au mémoire, 1re partie			2 Credits	q1+q2						x		

o Cinquième bloc annuel (60 credits)

○ WGENE2315	Séminaires de génétique médicale (IU) 5e année		60h	6 Credits	q1+q2							x	
○ WGENE2325	Séminaire de dysmorphologie (5e année)		24h	3 Credits	q1+q2							x	
○ WGENE2345	Participation au congrès annuel de la Société belge de génétique humaine (5e année)			2 Credits	q1+q2							x	
○ WGENE2385	Stages cliniques de génétique médicale 5e année, 1re partie			24 Credits	q1+q2							x	
○ WGENE2395	Stages cliniques de génétique médicale 5e année, 2e partie			22 Credits	q1+q2							x	
○ WGENE2375	Préparation au mémoire, 2e partie			3 Credits	q1+q2							x	

o Sixième bloc annuel (60 credits)

○ WGENE2316	Séminaires de génétique médicale (IU) 6e année		60h	6 Credits	q1+q2								x
○ WGENE2326	Séminaire de dysmorphologie (6e année)		24h	3 Credits	q1+q2								x
○ WGENE2346	Participation au congrès annuel de la Société belge de génétique humaine (6e année)			2 Credits	q1+q2								x
○ WGENE2386	Stages cliniques de génétique médicale 6e année, 1re partie			20 Credits	q1+q2								x
○ WGENE2396	Stages cliniques de génétique médicale 6e année, 2e partie			19 Credits	q1+q2								x
○ WGENE2376	Mémoire de génétique médicale (présentation orale)			10 Credits	q1+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?"*

GENE2MC - 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

- Hold a doctorate in medicine, a master's degree in medicine or a doctor from a member country of the European Union and enabling medical practice in Belgium.
- Be the bearer of a document attesting that the person concerned was, at the end of the selection test, selected as a candidate specialist in clinical genetics, in a Belgian medical faculty.

Registration and organization of the selection tests is done according to the calendar and the general competition rules. The legal context and practical details of this selection test can be obtained from the secretariat.

The training is limited to four years in clinical genetics if the specialist candidate has already obtained a level 2 qualification within the framework of which he followed, during his training, general clinical training of at least two years in a service of approved internship.

As with any other medical specialty, the holder of a diploma outside the European Union cannot register for this program, except within the framework of a university certificate of partial specialized training lasting two years (if they are in the process of specializing in their country of origin) or in-depth specialized training lasting one year (if they are already recognized as specialists in their country).

The A.R. of June 12, 2008 relating to the planning of the medical offer published on June 18, 2008 is applicable for candidates who wish to obtain the title of specialist in clinical genetics.

Special conditions

Any situation which does not fall under the conditions set out above will be examined by the admission jury.

Non-French-speaking student applicants (EU and non-EU) must provide proof, in their application for admission, of sufficient command of the French language (level B1 of the Common European Framework of Reference, pages 24 to 29).

Specific professional rules

These studies lead to a professional title subject to specific rules or restrictions of accreditation or professional establishment. You will find the necessary legal information by [clicking here](#).

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".

First part

At the end of these two years of general clinical training, each candidate will be evaluated during an interview intended to test their general knowledge. In application with A.R. from April 21, 1983, the candidate will receive, at the end of the first two years of training, a certificate proving that he has successfully completed specific university training.

Second part

At the end of these four years of training in clinical genetics, each candidate will be evaluated according to the following criteria attesting to their in-depth knowledge in clinical genetics:

- Certificate of participation and success of the interuniversity course
- Certificate of participation in the annual meeting of the Belgian society for human genetics
- Writing of a documented thesis of 20 to 25 pages. If there is an article published by the first author, it could serve as a memory.
- Presentation of a communication to the Belgian Society of Human Genetics (BeSHG), or a Belgian or foreign society of equivalent level,

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

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

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)

- Dean : Françoise Smets

Commission(s) of programme

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

Academic supervisor: Anne De Leener

Useful Contact(s)

- Anne De Leener
- Yves Sznajer

