

**MNUC2MC**

2013 - 2014

Advanced master in Nuclear Medicine

**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: **mnuc2mc** - European Qualifications Framework (EQF): 7**Table of contents**

Introduction .....	2
Admission .....	3
Information .....	4
- Learning outcomes .....	4
- Evaluation .....	4
Contacts .....	5
Detailed programme .....	6
- Programme structure .....	6
- Programme by subject .....	6

## MNUC2MC - Introduction

## MNUC2MC - Admission

Decree of March 31st 2004 defining higher education, favoring its integration in the European framework of higher education and refinancing universities.

The admission requirements have to be met at the time of enrolment at the university.

All information can be obtained from the [University's Enrolment Office \(Service des inscriptions – SIC\)](#).

The following students, after meeting the conditions set by the academic authorities, have access to the complementary Master's degree with the aim of obtaining the grade that these studies sanction:

- An academic Master's degree within the same field allowing 2nd-cycle studies, including at least 120 credits
- An academic Master's degree, following a decision by the academic authorities, under the complementary conditions that they set and as a result of a motivated decision by the jury
- An academic grade which is similar to those mentioned above, issued by the Flemish Community, the German Community or the Royal Military Academy, under the same conditions
- A foreign academic grade that has been acknowledged as being equivalent to those mentioned above, in application of this decree, a European-level directive or an international convention, under the same conditions
- Under the same conditions, one or several titles or academic grade issued by the Flemish Community, the German Community or the Royal Military Academy, sanctioning 2nd-cycle studies and valued at least 300 credits by the jury, or sanctioning 2nd-cycle studies and valued at least 240 credits completed of 60 credits, the all that must be valued by the jury according to the decree of March 31st, 2004 (art 54, 5 °)

---

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

---

### 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 Nuclear medecine, in a Belgian medical faculty.

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 for the public, published on the 14.06.2002, applies to those candidates wishing to obtain the title of Specialist Doctor in Nuclear Medecine (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.

## MNUC2MC - Information

### Learning outcomes

---

This complementary master's programme aims to prepare doctors to become recognised holders of the specific professional title of specialist doctor in Nuclear Medicine (Ministerial decree of 19.07.1996 published on 10.09.1996).

### Evaluation

---

Further to the application of the Royal Decree of 16 March, 1999, at the end of the first two years of training, the candidate will receive an attestation proving that he has successfully accomplished a specific university training course. A thesis, based on the conditions laid down by the Ministerial Decree of 19 July, 1996, will be presented and defended orally. Upon fulfilment of the above-described training requirements, the teaching committee will award the academic title in Nuclear Medicine.

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.

## MNUC2MC - Contacts

### 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 ( <b>SSS</b> )
Faculté	Faculté de médecine et médecine dentaire ( <b>MEDE</b> )
Mandats	<b>Dominique Vanpee</b> Doyen
Commissions de programme	Commission du master complémentaire en médecine générale ( <b>CAMG</b> ) Commission des certificats en radioprotection ( <b>CRPR</b> ) Commission des masters complémentaires et certificats en médecine spécialisée ( <b>MCCM</b> ) Ecole de médecine dentaire et de stomatologie ( <b>MDEN</b> ) Ecole de médecine ( <b>MED</b> )

**Academic Supervisor :** [François Jamar](#)

### Jury

### Usefull Contacts

## MNUC2MC - Detailed programme

### Programme structure

---

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

### Programme by subject

---

Parallel to the practical training, the candidate specialist will follow a university programme organised as follows :

#### part - Foundation studies

##### 1st and 2nd years

- Special questions on internal medicine
- Seminar on internal medicine

The theoretical sessions of the first two years form part of the specific university training programme (FUS, in French).

##### 3rd year

ESP3420 Statistique médicale[22.5h+7.5h] (in French) Annie Robert

FARM3200 Radiochimie, radiotoxicologie et radiopharmacie[22.5h+60h] (in French) Bernard Gallez

FARM3320 Principe et méthodologie des dosages radioimmunologiques et radionucléidiques[15h+40h] (in French) Diane Maisin, Marianne Philippe (coord.)

MNUC3120 Techniques de mesures et démonstrations[15h+30h] (in French) Anne Bol, Larry Van Elmbt

PHYS2360 Physique atomique, nucléaire et des radiations[22.5h] (in French) Youssef El Masri

RDTH3131 Radiobiologie générale et spéciale[22.5h] (in French) Vincent Grégoire, Pierre Scalliet

RPR2001 Notions de base de radioprotection[10h+5h] (in French) Vincent Grégoire (coord.), Patrick Smeesters

RPR2002 Compléments de radioprotection[20h+10h] (in French) Philippe Clapuyt, François Jamar, Pierre Scalliet (coord.), Patrick Smeesters

RPR3010 Questions spéciales de radioprotection[40h] (in French) Philippe Clapuyt, Daniel Godechal, François Jamar, Pierre Scalliet (coord.), Patrick Smeesters, Jean-Paul Trigaux (Partim 20h)

#### part - Higher studies

- Use of radioisotopes
- Demonstrations, techniques and protocoles of nuclear medicine in vivo (per series)
- One or several optional courses

