

Block view of the study programme

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Informations complémentaires

Information

Mr Bernard PIROTTE

Département de pharmacie

Building B36 - CHU - 4000 Liège

Tél. : 04/366.43.65.

e-mail address : B.Pirotte@ulg.ac.be

Person to contact : Joël AERTS

Phone : 04/366.23.18.

e-mail address : J.Aerts@ulg.ac.be

Presentation

This training primarily responds to a need for future "radiopharmacists". It shall in particular facilitate access to the Ministry of public health of their approval as officials responsible for monitoring compliance and quality of radioisotopes used therapeutically (title of radiopharmacist awarded by the federal agency for nuclear control - FANC, article 47 of the royal decree of 20 July 2001).

This training may also be interesting for hospital and industrial pharmacists during their professional activity, as they will face the quality control and/or deliver radiopharmaceutical medicine.

Finally, this certificate is open to all holders of a master's degree (pharmacists, doctors, physicists, chemists, graduates in biomedical sciences, etc.) who wish to perfect their knowledge of radiopharmaceuticals.

As regards the approval of the title of radiopharmacist by the Ministry of Public Health, accessible only to qualified pharmacists, the certificate must be completed by a placement of at least one year in a hospital and industrial environment, during which the applicant will deal with the preparation and quality control of pharmaceutical products.

Special conditions of access / students concerned

This training programme is aimed at holders of a master's degree in pharmacy, medicine, physics, chemistry or biomedicine. Recognition of the title of radiopharmacist is only accessible to qualified pharmacists.

Applicants who don't meet these conditions will be examined by the coordinator in charge of the training programme, on the basis of their file.

Prerequisites: a university degree providing a minimum knowledge of medication (chemical, analytical, pharmacotherapeutic, regulatory aspects, etc.).

Duration of the training

One year (44 credits) or two years (104 credits) for candidates who wish recognition of the qualification of radiopharmacist from the Ministry of Public Health. The second year is dedicated to an additional placement of one year in both a hospital and industrial environment. This placement must take place under the supervision of a placement supervisor who is an approved radiopharmacist, active in the field.

Study programme

Collegiality :

Coordinators : Bernard PIROTTE

COLLEGIALITE : ANDRE LUXEN, LAURENT DREESEN, DAVID STRUVAY, VERA PIRLET, CHANTAL HUMBLET, PHILIPPE MARTINIVE, ALAIN SERET, JOËL AERTS.

Short Training

Bloc 2 du programme de l'année

Compulsory courses

Long Training

Bloc 1 du programme de l'année

Compulsory courses

CHIM0620-1	<i>Radiopharmaceutical Chemistry</i> - André LUXEN	Q1	20	10	-	3
CHIM0621-2	<i>Production and application of radioelements</i> - André LUXEN - [3d FW]	Q2	15	-	[+]	3
PHYS0253-1	<i>Experimental bases of the nuclear physics and the detection of the radiations</i> - Laurent DREESEN, David STRIVAY		20	15	-	3
RADP0141-1	<i>Radioprotection</i> - Part a) <i>Radioprotection techniques and complements</i> - Véra PIRLET	Q2	30	15	-	6

Study programmes 2015-2016

Faculty of Medicine

Certificat d'université en radiopharmacie

	- Part b) Legislation on radioprotection and the organisation of a radiotherapy, radiodiagnostic and nuclear medicine department - Véra PIRLET	10	-	-	
RADL0440-1	Radiobiology - Chantal HUMBLET, Philippe MARTINIVE	Q2 30	10	-	4
PHYS0952-6	Physics fundamental issues in relation with medical x-ray diagnosis, radiotherapy and nuclear medicine				4
	- Dosimetry part - MarieThérèse HOORNAERT	20	-	-	
	- Imagery part - Alain SERET	25	5	-	
MCER2050-1	Quality assurance and pharmaceutical management				5
	- Principes de management pharmaceutique - N...	10	-	-	
	- Assurance qualité, partim a : Concepts de base et organisation de l'assurance qualité - N...	20	-	-	
	- Assurance qualité, partim b : Technologie analytique des procédés et analyse des risques - N...	7,5	-	-	
MCER2048-1	Radiopharmacy				8
	- Aspects technologiques particuliers pour les médicaments radiopharmaceutiques - Joël AERTS	10	-	-	
	- Radiopharmacologie des médicaments radiopharmaceutiques - Joël AERTS	15	-	-	
	- Aspects réglementaires particuliers des médicaments radiopharmaceutiques - Joël AERTS	5	-	-	
	- Analyse et contrôle de qualité appliqués aux médicaments radiopharmaceutiques - Joël AERTS	10	-	-	
MCER2049-1	Nuclear medicine				2
	- Diagnostic aspects - Roland HUSTINX	11	-	-	
	- Therapeutic aspects - Roland HUSTINX	4	-	-	
MSTG9050-1	Internship				6
	- Centre TEP/Cyclotron - COLLÉGIALITÉ - [1w Internship]	-	-	[+]	
	- Service center of nuclear medicine - COLLÉGIALITÉ - [1w Internship]	-	-	[+]	

Bloc 2 du programme de l'année

Compulsory courses

MSTG9051-1	Hospital and industrial environment internship - COLLÉGIALITÉ - [12mois Internship]	-	-	[+]	60
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Assessment

Oral and written exams; training report

Registration

Where? ULg Lifelong Learning Unit

Documents for submission: enrolment authorisation from the Dean

Enrolment fees: EUR 500 for the one-year training programme; EUR 1500 for the two-year training programme