

## Block view of the study programme

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### Block 1

#### Compulsory courses

PHYS0071-1	<i>Experimental bases of nuclear physics and detection of radiation - Laurent DREESEN</i>	TA	20	-	-	<b>2</b>
PHYS0072-1	<i>Nuclear detection - David STRIVAY</i>	TA	10	8	-	<b>2</b>
MCER0214-1	<i>Radiochemistry - Thibault GENDRON, N...</i>		8	-	-	<b>1</b>
MCER0007-1	<i>Cellular and human radiobiology : histopathology and biochemistry, Theory - Chantal HUMBLET</i>		10	-	-	<b>1</b>
SCER0073-1	<i>INES analyses - Véra PIRLET</i>	TA	2	6	-	<b>1</b>
SCER0074-1	<i>Transporting radioactive materials - Christophe KARASINSKI</i>	TA	8	-	-	<b>1</b>
SCER0075-1	<i>Shielding calculations - Pierre DUCHATELET</i>	TA	4	4	-	<b>1</b>
SCER0076-1	<i>Legislation - Pierre DUCHATELET</i>	TA	8	-	-	<b>1</b>
SCER0077-1	<i>Dosimetry and the ALARA principle - Pierre DUCHATELET</i>	TA	4	4	-	<b>1</b>
SCER0078-1	<i>Practical radioprotection - Pierre DUCHATELET</i>	TA	6	6	-	<b>1</b>
SCER0079-1	<i>Decontamination techniques - Amran CHAMLAL</i>	TA	4	-	-	<b>1</b>
SCER0080-1	<i>Handling radioactive waste</i>					<b>1</b>
	- <i>Radioactive waste of medical origin - Véra PIRLET</i>		2	2	-	
	- <i>Radioactive waste of industrial origin - Amir HUSHYAR</i>		4	-	-	
SCER0081-1	<i>Visiting nuclear facilities</i>					<b>1</b>
	- <i>Medical and research facilities - Véra PIRLET - [8h Vis.]</i>		-	-	[+]	
	- <i>Industrial facilities - Pierre DUCHATELET - [8h Vis.]</i>		-	-	[+]	

*Notice* : In the coming months, a new Royal Decree governing the field of radioprotection should be announced in Belgium to meet the requirements of the European Directive setting the basic standards relating to health protection against the dangers resulting from exposure to ionising radiation (2013/59/EURATOM of 5/12/13). The Royal Decree should also define a less ambitious training programme for radioprotection officers (RPOs)(formerly responsible for surveillance). Appropriate training of an as yet undefined number of hours will be required. Course modules may be created in order to respond to the provisions of the future regulation in terms of training for RPOs. These course modules will be available for anyone wishing to meet the future regulatory requirements and to obtain their qualification as a radioprotection officer on a specific site.