

**Cycle view of the study programme**

		Bl	Or	Th	Pr	Au	Cr	
<b>Compulsory courses (B3 : 60Cr, B4 : 60Cr, B5 : 60Cr, B6 : 60Cr)</b>								
NEUR2108-1	<i>Theory courses, B3</i> - <i>Neuro-anatomy and normal and pathological physiology</i> - Didier MARTIN - <i>Neuro-imaging</i> - Didier MARTIN - <i>Cranial traumatology</i> - Didier MARTIN - <i>Spinal traumatology</i> - Didier MARTIN - <i>Infection of the central nervous system</i> - Didier MARTIN - <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - Didier MARTIN - <i>Neuro-oncology</i> - Didier MARTIN - <i>Vascular pathology</i> - Didier MARTIN - <i>Spinal and medullary pathologies</i> - Didier MARTIN - <i>Developmental abnormalities and hydrocephaly</i> - Didier MARTIN - <i>Pathology of the peripheral nervous system</i> - Didier MARTIN	B3	TA					<b>5</b>
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
NEUR0115-1	<i>Supervised exercises in Neurosurgery, B3</i> - <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [160h PBL] - <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	B3	TA			[+]	<b>20</b>	
		-	-					
		-	80	-				
NEUR2114-1	<i>Neurosurgery seminars, B3</i> - <i>Interuniversity neurosurgery seminars</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Continued university training sessions in neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Sessions by the Belgian Society for Neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM]	B3	TA			[+]	<b>5</b>	
		-	-					
		-	-			[+]		
		-	-			[+]		
MSTG2030-6	<i>Training in clinical practice including on-duty in neurosurgery, B3</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [1half-d Internship]	B3	TA	-	-	[+]	<b>25</b>	
NEUR0009-3	<i>Drafting and presentation of scientific publications, B3</i> - COLLÉGIALITÉ	B3	TA	-	-	-	<b>5</b>	
NEUR2408-1	<i>Theory courses, B4</i> - <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN - <i>Neuroimaging</i> - Didier MARTIN - <i>Cranial traumatology</i> - Didier MARTIN - <i>Spinal traumatology</i> - Didier MARTIN - <i>Infection of the central nervous system</i> - Didier MARTIN - <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - Didier MARTIN - <i>Neuro-oncology</i> - Didier MARTIN - <i>Vascular pathology</i> - Didier MARTIN - <i>Spinal and medullary pathology</i> - Didier MARTIN - <i>Developmental abnormalities and hydrocephaly</i> - Didier MARTIN - <i>Pathologies of the peripheral nervous system</i> - Didier MARTIN	B4	TA				<b>5</b>	
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
		4	-	-				
NEUR2414-1	<i>Neurosurgery seminars, B4</i> - <i>Interuniversity neurosurgery seminars</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU,	B4	TA			[+]	<b>5</b>	
		-	-					

	Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Continued university training sessions in neurosurgery</i> -	-	-	[+]		
	Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Sessions by the Belgian Society for Neurosurgery</i> -	-	-	[+]		
NEUR0415-1	<i>Supervised exercises in Neurosurgery, B4</i> - <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	B4	TA			<b>20</b>
		-	160	-		
		-	80	-		
NEUR0009-1	<i>Drafting and presentation of scientific publications, B4</i> - COLLÉGIALITÉ	B4	TA	-	-	<b>5</b>
NEUR2508-1	<i>Theory courses, B5</i> - <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN - <i>Neuroimaging</i> - Didier MARTIN - <i>Cranial traumatology</i> - Didier MARTIN - <i>Spinal traumatology</i> - Didier MARTIN - <i>Infection of the central nervous system</i> - Didier MARTIN - <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - Didier MARTIN - <i>Neuro-oncology</i> - Didier MARTIN - <i>Vascular pathology</i> - Didier MARTIN - <i>Spinal and medullary pathology</i> - Didier MARTIN - <i>Developmental abnormalities and hydrocephaly</i> - Didier MARTIN - <i>Pathologies of the peripheral nervous system</i> - Didier MARTIN	B5	TA			<b>5</b>
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		
NEUR2514-1	<i>Neurosurgery seminars, B5</i> - <i>Interuniversity neurosurgery seminars</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Continued university training sessions in neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM] - <i>Sessions by the Belgian Society for Neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM]	B5	TA			<b>5</b>
		-	-	[+]		
		-	-	[+]		
		-	-	[+]		
NEUR0515-1	<i>Supervised exercises in Neurosurgery, B5</i> - <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	B5	TA			<b>20</b>
		-	160	-		
		-	80	-		
NEUR0009-2	<i>Drafting and presentation of scientific publications, B5</i> - COLLÉGIALITÉ	B5	TA	-	-	<b>5</b>
NEUR2608-1	<i>Theory courses, B6</i> - <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN - <i>Neuroimaging</i> - Didier MARTIN - <i>Cranial traumatology</i> - Didier MARTIN - <i>Spinal traumatology</i> - Didier MARTIN - <i>Infection of the central nervous system</i> - Didier MARTIN	B6	TA			<b>5</b>
		4	-	-		
		4	-	-		
		4	-	-		
		4	-	-		

	- <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - Didier MARTIN	4	-	-		
	- <i>Neuro-oncology</i> - Didier MARTIN	4	-	-		
	- <i>Vascular pathology</i> - Didier MARTIN	4	-	-		
	- <i>Spinal and medullary pathology</i> - Didier MARTIN	4	-	-		
	- <i>Developmental abnormalities and hydrocephaly</i> - COLLÉGIALITÉ, Didier MARTIN	4	-	-		
	- <i>Pathologies of the peripheral nervous system</i> - Didier MARTIN	4	-	-		
NEUR2614-1	<i>Seminar in neurosurgery, B6</i>	B6	TA			<b>5</b>
	- <i>Interuniversity seminars in neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM]	-	-	[+]		
	- <i>University continuing education sessions in neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM]	-	-	[+]		
	- <i>Sessions by the Belgian Society for Neurosurgery</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [15h SEM]	-	-	[+]		
NEUR0615-1	<i>Supervised exercises in Neurosurgery, B6</i>	B6	TA			<b>10</b>
	- <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	120	-		
	- <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	40	-		
MTFE2034-1	<i>Final piece of work presented as part of certification</i> - COLLÉGIALITÉ	B6	TA	-	-	<b>15</b>
MEDE3001-1	<i>Cross-cutting courses: Patient communication, quality of care, factual medicine, electronic data management and clinical leadership</i> - Vincent BONHOMME - [16h SEM]	B6	TA	-	-	<b>5</b>

**Compulsory Training**

MSTG2030-5	<i>Training in clinical practice including on-duty in neurosurgery, B4</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [11half-d Internship]	B4	TA	-	-	[+] <b>25</b>
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**Compulsory Training**

MSTG2030-7	<i>Training in clinical practice including on-duty in neurosurgery, B5</i> - Quentin DEWANDRE, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [11half-d Internship]	B5	TA	-	-	[+] <b>25</b>
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**Compulsory Training**

MSTG2030-2	<i>Training in clinical practice including on-duty in neurosurgery, B6</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [11half-d Internship]	B6	TA	-	-	[+] <b>20</b>
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**Optional courses (B1 : 60Cr, B2 : 60Cr)**

**Choose one different module for each block in the two first years (Block 1 and Block 2) and following approval of the internship plan by the Neurosurgery Certification Committee: (B1 : 60Cr)**

**Neurology module (B1 : 60Cr)**

NEUR2038-1	<i>University and interuniversity courses including seminars, B1</i> - <i>Physiopathological aspects (including neuropathological and genetic aspects), diagnoses, prognoses of neurological conditions</i> -	B1	TA	30	-	-	<b>10</b>
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	Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - <i>In-depth study of neurological pathologies, diagnostic techniques and specific therapies</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - <i>Seminars</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - [50h SEM]	15	-	-					
NEUR2115-1	<i>Supervised exercises in Neurology, B1</i> - <i>Supervised exercises including in neurophysiology</i> - Olivier BODART, Dominique DIVE - <i>Bedside learning</i> - Pierre MAQUET	B1	TA	-	90	-			<b>23</b>
REAN0753-1	<i>ALS: managing adult cardiac arrests, before, during, after</i> - Alexandre GHUYSEN, Julien SZECEL	B1	TA	-	16	-			<b>1</b>
SIMU0115-1	<i>Procedural workshops and applied simulation in Neurology, Block 1</i> - Pierre MAQUET	B1	TA	-	8	-			<b>1</b>

**Compulsory Training**

MSTG2003-1	<i>Training in clinical practice including on-duty in Neurology, B1</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - [1 half-d Internship]	B1	TA	-	-	-	[+]		<b>25</b>
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**Surgery module (B1 : 60Cr)**

CHIR2100-1	<i>Interuniversity theory courses including seminars, B1</i> - <i>Interuniversity training</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - <i>Postgraduate seminars from the Royal Belgian Society of Surgery</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - [20h SEM] - <i>Weekly seminars organised by the different internship departments</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - [40h SEM]	B1	TA	-	45	-	-	[+]	<b>10</b>
CHIR2045-1	<i>Drafting and presentation of scientific work, Block 1</i> - COLLÉGIALITÉ	B1	TA	-	-	-	-		<b>5</b>
CHIR2146-1	<i>Supervised exercises in surgery, B1</i> - <i>Introduction to operating techniques in operating rooms</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - <i>Introduction to new techniques (videoscapy, pre-operative ultrasound, microsurgical techniques, surgery)</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - <i>Bedside learning</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY	B1	TA	-	150	-			<b>15</b>
SIMU0111-1	<i>Procedural workshops and applied simulation in Surgery, Block 1</i> - Olivier DETRY	B1	TA	-	48	-			<b>5</b>

**Compulsory Training**

MSTG0023-1 *Training in clinical practice, including on-duty in surgery and accident and emergency, B1* - Olivier DETRY - [11 half-d Internship] B1 TA - - [+] 25

**Choose one module that has not been taken in block 1: (B2 : 60Cr)**

**Neurology module (B2 : 60Cr)**

NEUR2038-1 *University and interuniversity courses including seminars, B1*  
*- Physiopathological aspects (including neuropathological and genetic aspects), diagnoses, prognoses of neurological conditions* - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET B2 TA 30 - - 10  
*- In-depth study of neurological pathologies, diagnostic techniques and specific therapies* - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET 15 - -  
*- Seminars* - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - [50h SEM] - - [+]

NEUR2115-1 *Supervised exercises in Neurology, B1*  
*- Supervised exercises including in neurophysiology* - Olivier BODART, Dominique DIVE B2 TA - 90 - 23  
*- Bedside learning* - Pierre MAQUET - 150 -

REAN0753-1 *ALS: managing adult cardiac arrests, before, during, after* - Alexandre GHUYSEN, Julien SZECEL B2 TA - 16 - 1

SIMU0115-1 *Procedural workshops and applied simulation in Neurology, Block 1*  
*- Pierre MAQUET* B2 TA - 8 - 1

**Compulsory Training**

MSTG2003-1 *Training in clinical practice including on-duty in Neurology, B1* - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Gaëtan GARRAUX, Nicolas LEJEUNE, Emilie LOMMERS, Julien LY, Pierre MAQUET - [11 half-d Internship] B2 TA - - [+] 25

**Surgery module (B2 : 60Cr)**

CHIR2100-1 *Interuniversity theory courses including seminars, B1*  
*- Interuniversity training* - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY B2 TA 45 - - 10  
*- Postgraduate seminars from the Royal Belgian Society of Surgery* - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - [20h SEM] - - [+]  
*- Weekly seminars organised by the different internship departments* - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - [40h SEM] - - [+]

CHIR2045-1 *Drafting and presentation of scientific work, Block 1* - COLLÉGIALITÉ B2 TA - - - 5

CHIR2146-1 *Supervised exercises in surgery, B1*  
*- Introduction to operating techniques in operating rooms* - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY B2 TA - 150 - 15  
*- Introduction to new techniques (videoscapy, pre-operative ultrasound, microsurgical techniques, surgery)* - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, - 150 -

	GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY - <i>Bedside learning</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, Vincent TCHANASATO, David WALTREGNY			-	50	-	
SIMU0111-1	<i>Procedural workshops and applied simulation in Surgery, Block 1</i> - Olivier DETRY	B2	TA	-	48	-	<b>5</b>
<b>Compulsory Training</b>							
MSTG0023-1	<i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1</i> - Olivier DETRY - [1 half-d Internship]	B2	TA	-	-	[+]	<b>25</b>