

Block view of the study programme

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Block 1

Optional courses

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:

Neurology module

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> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, 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, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET - <i>Seminars</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET - [50h SEM]	TA	30	-	-	10
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	TA	-	90	-	23
REAN0753-1	<i>ALS: managing adult cardiac arrests, before, during, after</i> - Alexandre GHUYSEN, Julien SZECEL	TA	-	16	-	1
SIMU0115-1	<i>Procedural workshops and applied simulation in Neurology, Block 1</i> - Pierre MAQUET	TA	-	8	-	1

Compulsory Training

MSTG2003-1	<i>Training in clinical practice including on-duty in Neurology, B1</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET - [1half-d Internship]	TA	-	-	[+]	25
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Surgery module

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, JeanLuc NIZET, 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, JeanLuc NIZET, 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, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - [40h SEM]	TA	45	-	-	10
CHIR2045-1	<i>Drafting and presentation of scientific work, Block 1</i> - COLLÉGIALITÉ	TA	-	-	-	5
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, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - <i>Introduction to new techniques (videoscopy, pre-operative ultrasound,</i>	TA	-	150	-	15
			-	150	-	

	<i>microsurgical techniques, surgery</i>) - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY						
	- <i>Bedside learning</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY	-	50	-			
SIMU0111-1	<i>Procedural workshops and applied simulation in Surgery, Block 1</i> - Olivier DETRY	TA	-	48	-		5
Compulsory Training							
MSTG0023-1	<i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1</i> - Olivier DETRY - [11half-d Internship]	TA	-	-	[+]		25

Block 2

Optional courses

Choose one module that has not been taken in block 1:

Neurology module

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> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET	TA					10
	- <i>In-depth study of neurological pathologies, diagnostic techniques and specific therapies</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET		30	-	-		
	- <i>Seminars</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, 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	TA					23
			-	90	-		
			-	150	-		
REAN0753-1	<i>ALS: managing adult cardiac arrests, before, during, after</i> - Alexandre GHUYSEN, Julien SZECEL	TA	-	16	-		1
SIMU0115-1	<i>Procedural workshops and applied simulation in Neurology, Block 1</i> - Pierre MAQUET	TA	-	8	-		1

Compulsory Training

MSTG2003-1	<i>Training in clinical practice including on-duty in Neurology, B1</i> - Olivier BODART, François DELVOYE, Frédérique DEPIERREUX, Dominique DIVE, Arnaud FUMAL, Gaëtan GARRAUX, Emilie LOMMERS, Julien LY, Pierre MAQUET - [11half-d Internship]	TA	-	-	[+]		25
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Surgery module

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, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY	TA					10
	- <i>Postgraduate seminars from the Royal Belgian Society of Surgery</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - [20h SEM]		45	-	-	[+]	
	- <i>Weekly seminars organised by the different internship departments</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX,		-	-	[+]		

	, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - [40h SEM]				
CHIR2045-1	<i>Drafting and presentation of scientific work, Block 1</i> - COLLÉGIALITÉ	TA	-	-	5
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, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - <i>Introduction to new techniques (videoscopy, pre-operative ultrasound, microsurgical techniques, surgery)</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY - <i>Bedside learning</i> - Arnaud DE ROOVER, Olivier DETRY, Rodolphe DURIEUX, Nicholas GILBO, Didier MARTIN, JeanLuc NIZET, Vincent TCHANASATO, David WALTREGNY	TA	-	150	15
SIMU0111-1	<i>Procedural workshops and applied simulation in Surgery, Block 1</i> - Olivier DETRY	TA	-	48	5

Compulsory Training

MSTG0023-1	<i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1</i> - Olivier DETRY - [11 half-d Internship]	TA	-	[+]	25
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Block 3

Compulsory courses

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	TA	4	-	5
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	TA	-	[+]	20
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]	TA	-	[+]	5
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 -	TA	-	[+]	25

[11half-d Internship]

NEUR0009-3 *Drafting and presentation of scientific publications, B3* - COLLÉGIALITÉ TA - - - 5

Block 4

Compulsory courses

NEUR2408-1	<i>Theory courses, B4</i>	TA			5
	- <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN	4	-	-	
	- <i>Neuroimaging</i> - Didier MARTIN	4	-	-	
	- <i>Cranial traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Spinal traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Infection of the central nervous system</i> - Didier MARTIN	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> - Didier MARTIN	4	-	-	
	- <i>Pathologies of the peripheral nervous system</i> - Didier MARTIN	4	-	-	
NEUR2414-1	<i>Neurosurgery seminars, B4</i>	TA			5
	- <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]	-	-	[+]	
NEUR0415-1	<i>Supervised exercises in Neurosurgery, B4</i>	TA			20
	- <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	160	-	
	- <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	80	-	
NEUR0009-1	<i>Drafting and presentation of scientific publications, B4</i> - COLLÉGIALITÉ	TA	-	-	5

Compulsory Training

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

Block 5

Compulsory courses

NEUR2508-1	<i>Theory courses, B5</i>	TA			5
	- <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN	4	-	-	
	- <i>Neuroimaging</i> - Didier MARTIN	4	-	-	
	- <i>Cranial traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Spinal traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Infection of the central nervous system</i> - Didier MARTIN	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> - Didier MARTIN	4	-	-	
	- <i>Pathologies of the peripheral nervous system</i> - Didier MARTIN	4	-	-	
NEUR2514-1	<i>Neurosurgery seminars, B5</i>	TA			5
	- <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]	-	-	[+]	
NEUR0515-1	<i>Supervised exercises in Neurosurgery, B5</i>	TA			20
	- <i>Learning in the operating room</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	160	-	
	- <i>Exercises at the patient's bedside</i> - Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES	-	80	-	
NEUR0009-2	<i>Drafting and presentation of scientific publications, B5</i> - COLLÉGIALITÉ	TA	-	-	5
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 - [1 half-d Internship]	TA	-	-	[+] 25

Block 6

Compulsory courses

NEUR2608-1	<i>Theory courses, B6</i>	TA			5
	- <i>Neuroanatomy and normal and pathologic physiology</i> - Didier MARTIN	4	-	-	
	- <i>Neuroimaging</i> - Didier MARTIN	4	-	-	
	- <i>Cranial traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Spinal traumatology</i> - Didier MARTIN	4	-	-	
	- <i>Infection of the central nervous system</i> - Didier MARTIN	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>	TA			5
	- <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>	TA			10
	- <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	TA	-	-	15
MEDE3001-1	<i>Cross-cutting courses: Patient communication, quality of care, factual medicine, electronic data management and clinical leadership</i> - Vincent BONHOMME - [16h SEM]	TA	-	[+]	5
Compulsory Training					
MSTG2030-2	<i>Training in clinical practice including on-duty in neurosurgery, B6</i> - COLLÉGIALITÉ, Quentin DEWANDRE, Annie DUBUISSON, Bruno KASCHTEN, Didier MARTIN, Tudor RACARU, Gilles REUTER, AnneLaure SALADO, Félix SCHOLTES - [11half-d Internship]	TA	-	[+]	20