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|------------|--|----|-----|-----|---|----|
| | - Pathologies of the peripheral nervous system - COLLÉGIALITÉ | 4 | - | - | | |
| NEUR2514-1 | Neurosurgery seminars, B5 | B5 | TA | | | 5 |
| | - Interuniversity neurosurgery seminars - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - Continued university training sessions in neurosurgery - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - Sessions by the Belgian Society for Neurosurgery - COLLÉGIALITÉ - [45h SEM] | - | - | [+] | | |
| NEUR0515-1 | Supervised exercises in Neurosurgery, B5 | B5 | TA | | | 20 |
| | - Learning in the operating room - COLLÉGIALITÉ | - | 160 | - | | |
| | - Exercises at the patient's bedside - COLLÉGIALITÉ | - | 80 | - | | |
| NEUR0009-2 | Drafting and presentation of scientific publications, B5 - COLLÉGIALITÉ | B5 | TA | - | - | 5 |
| NEUR2608-1 | Theory courses, B6 | B6 | TA | | | 5 |
| | - Neuroanatomy and normal and pathologic physiology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Neuroimaging - COLLÉGIALITÉ | 4 | - | - | | |
| | - Cranial traumatology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Spinal traumatology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Infection of the central nervous system - COLLÉGIALITÉ | 4 | - | - | | |
| | - Functional neurosurgery (epilepsy, abnormal movements, pain) - COLLÉGIALITÉ | 4 | - | - | | |
| | - Neuro-oncology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Vascular pathology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Spinal and medullary pathology - COLLÉGIALITÉ | 4 | - | - | | |
| | - Developmental abnormalities and hydrocephaly - COLLÉGIALITÉ | 4 | - | - | | |
| | - Pathologies of the peripheral nervous system - COLLÉGIALITÉ | 4 | - | - | | |
| NEUR2614-1 | Seminar in neurosurgery, B6 | B6 | TA | | | 5 |
| | - Interuniversity seminars in neurosurgery - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - University continuing education sessions in neurosurgery - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - Sessions by the Belgian Society for Neurosurgery - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| NEUR0615-1 | Supervised exercises in Neurosurgery, B6 | B6 | TA | | | 10 |
| | - Learning in the operating room - COLLÉGIALITÉ | - | 120 | - | | |
| | - Exercises at the patient's bedside - COLLÉGIALITÉ | - | 40 | - | | |
| MTFE2034-1 | Final piece of work presented as part of certification - COLLÉGIALITÉ | B6 | TA | - | - | 15 |
| MEDE3001-1 | Cross-cutting courses: Patient communication, quality of care, factual medicine, electronic data management and clinical leadership - Vincent BONHOMME, COLLÉGIALITÉ - [16h SEM] | B6 | TA | - | - | 5 |

Compulsory Training

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|------------|--|----|----|---|---|----|
| MSTG2030-5 | Training in clinical practice including on-duty in neurosurgery, B4 - COLLÉGIALITÉ - [11half-d Internship] | B4 | TA | - | - | 25 |
| MSTG2030-7 | Training in clinical practice including on-duty in neurosurgery, Bloc 5 - COLLÉGIALITÉ | B5 | TA | - | - | 25 |
| MSTG2030-2 | Training in clinical practice including on-duty in neurosurgery, B6 - COLLÉGIALITÉ - [11half-d Internship] | B6 | TA | - | - | 20 |

Optional courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)

In the first three years (Block 1, Block 2 and Block 3) and following the approval of the internship plan by the Commission d'Agrément en Neurochirurgie, choose one of the following modules: (B1 : 60Cr)

Neurology module (B1 : 60Cr)

| | | | | | | |
|------------|---|----|----|---|--|----|
| NEUR2038-1 | University and interuniversity courses including seminars, B1 | B1 | TA | | | 10 |
| | - Physiopathological aspects (including neuropathological and genetic aspects), diagnoses, prognoses of neurological conditions - | 30 | - | - | | |

| | | | | | | |
|--|--|----|----|-----|---|--------|
| | COLLÉGIALITÉ - <i>In-depth study of neurological pathologies, diagnostic techniques and specific therapies</i> - COLLÉGIALITÉ - <i>Seminars</i> - COLLÉGIALITÉ - [50h SEM] | 15 | - | - | | |
| NEUR2115-1 | <i>Supervised exercises in Neurology, B1</i> - <i>Supervised exercises including in neurophysiology</i> - COLLÉGIALITÉ - <i>Bedside learning</i> - COLLÉGIALITÉ | B1 | TA | | | 25 |
| | | | | 90 | - | |
| | | | | 150 | - | |
| Compulsory Training | | | | | | |
| MSTG2003-1 | <i>Training in clinical practice including on-duty in Neurology, B1</i> - COLLÉGIALITÉ - [11half-d Internship] | B1 | TA | - | - | [+] 25 |
| Surgery module (B1 : 60Cr) | | | | | | |
| CHIR2100-1 | <i>Interuniversity theory courses including seminars, B1</i> - <i>Interuniversity training</i> - COLLÉGIALITÉ - <i>Postgraduate seminars from the Royal Belgian Society of Surgery</i> - COLLÉGIALITÉ - [20h SEM] - <i>Weekly seminars organised by the different internship departments</i> - COLLÉGIALITÉ - [40h SEM] | B1 | TA | | | 10 |
| | | | | 45 | - | |
| | | | | | | [+] |
| | | | | | | [+] |
| CHIR2045-1 | <i>Drafting and presentation of scientific work, Block 1</i> - COLLÉGIALITÉ | B1 | TA | - | - | 5 |
| CHIR2146-1 | <i>Supervised exercises in surgery, B1</i> - <i>Introduction to operating techniques in operating rooms</i> - COLLÉGIALITÉ - <i>Introduction to new techniques (videoscapy, pre-operative ultrasound, microsurgical techniques, surgery)</i> - COLLÉGIALITÉ - <i>Bedside learning</i> - COLLÉGIALITÉ | B1 | TA | | | 20 |
| | | | | 150 | - | |
| | | | | 150 | - | |
| | | | | 50 | - | |
| Compulsory Training | | | | | | |
| MSTG0023-1 | <i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1</i> - COLLÉGIALITÉ - [11half-d Internship] | B1 | TA | - | - | [+] 25 |
| Neurosurgery module (B1 : 60Cr) | | | | | | |
| NEUR2108-1 | <i>Theory courses, B1 or 2 or 3</i> - <i>Neuro-anatomy and normal and pathological physiology</i> - COLLÉGIALITÉ - <i>Neuro-imaging</i> - COLLÉGIALITÉ - <i>Cranial traumatology</i> - COLLÉGIALITÉ - <i>Spinal traumatology</i> - COLLÉGIALITÉ - <i>Infection of the central nervous system</i> - COLLÉGIALITÉ - <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - COLLÉGIALITÉ - <i>Neuro-oncology</i> - COLLÉGIALITÉ - <i>Vascular pathology</i> - COLLÉGIALITÉ - <i>Spinal and medullary pathologies</i> - COLLÉGIALITÉ - <i>Developmental abnormalities and hydrocephaly</i> - COLLÉGIALITÉ - <i>Pathology of the peripheral nervous system</i> - COLLÉGIALITÉ | B1 | TA | | | 5 |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| | | | | 4 | - | |
| NEUR0115-1 | <i>Supervised exercises in Neurosurgery, B1 or 2 or 3</i> - <i>Learning in the operating room</i> - COLLÉGIALITÉ - [160h PBL] - <i>Exercises at the patient's bedside</i> - COLLÉGIALITÉ | B1 | TA | | | 20 |
| | | | | | | [+] |
| | | | | 80 | - | |
| NEUR2114-1 | <i>Neurosurgery seminars, B1 or 2 or 3</i> - <i>Interuniversity neurosurgery seminars</i> - COLLÉGIALITÉ - [15h SEM] - <i>Continued university training sessions in neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] - <i>Sessions by the Belgian Society for Neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] | B1 | TA | | | 5 |
| | | | | | | [+] |
| | | | | | | [+] |
| | | | | | | [+] |
| NEUR0009-3 | <i>Drafting and presentation of scientific publications, B1 or 2 or 3</i> | B1 | TA | - | - | 5 |

Study programmes 2021-2022

Faculty of Medicine

Specialised master in neurosurgery

OLLÉGIALITÉ

Compulsory Training

| | | | | | | | |
|------------|--|----|----|---|---|-----|-----------|
| MSTG2030-6 | <i>Training in clinical practice including on-duty in neurosurgery, B1 or 2 or 3 - [11half-d Internship]</i> | B1 | TA | - | - | [+] | 25 |
|------------|--|----|----|---|---|-----|-----------|

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

Neurology module (B2 : 60Cr)

| | | | | | | | |
|------------|---|----|----|----|-----|-----|-----------|
| NEUR2038-1 | <i>University and interuniversity courses including seminars, B1 - Physiopathological aspects (including neuropathological and genetic aspects), diagnoses, prognoses of neurological conditions - COLLÉGIALITÉ</i> | B2 | TA | 30 | - | - | 10 |
| | <i>- In-depth study of neurological pathologies, diagnostic techniques and specific therapies - COLLÉGIALITÉ</i> | | | 15 | - | - | |
| | <i>- Seminars - COLLÉGIALITÉ - [50h SEM]</i> | | | - | - | [+] | |
| NEUR2115-1 | <i>Supervised exercises in Neurology, B1</i> | B2 | TA | | | | 25 |
| | <i>- Supervised exercises including in neurophysiology - COLLÉGIALITÉ</i> | | | - | 90 | - | |
| | <i>- Bedside learning - COLLÉGIALITÉ</i> | | | - | 150 | - | |

Compulsory Training

| | | | | | | | |
|------------|--|----|----|---|---|-----|-----------|
| MSTG2003-1 | <i>Training in clinical practice including on-duty in Neurology, B1 - COLLÉGIALITÉ - [11half-d Internship]</i> | B2 | TA | - | - | [+] | 25 |
|------------|--|----|----|---|---|-----|-----------|

Surgery module (B2 : 60Cr)

| | | | | | | | |
|------------|--|----|----|----|-----|-----|-----------|
| CHIR2100-1 | <i>Interuniversity theory courses including seminars, B1</i> | B2 | TA | 45 | - | - | 10 |
| | <i>- Interuniversity training - COLLÉGIALITÉ</i> | | | - | - | [+] | |
| | <i>- Postgraduate seminars from the Royal Belgian Society of Surgery - COLLÉGIALITÉ - [20h SEM]</i> | | | - | - | [+] | |
| | <i>- Weekly seminars organised by the different internship departments - COLLÉGIALITÉ - [40h SEM]</i> | | | - | - | [+] | |
| CHIR2045-1 | <i>Drafting and presentation of scientific work, Block 1 - COLLÉGIALITÉ</i> | B2 | TA | - | - | - | 5 |
| CHIR2146-1 | <i>Supervised exercises in surgery, B1</i> | B2 | TA | | | | 20 |
| | <i>- Introduction to operating techniques in operating rooms - COLLÉGIALITÉ</i> | | | - | 150 | - | |
| | <i>- Introduction to new techniques (videoscapy, pre-operative ultrasound, microsurgical techniques, surgery) - COLLÉGIALITÉ</i> | | | - | 150 | - | |
| | <i>- Bedside learning - COLLÉGIALITÉ</i> | | | - | 50 | - | |

Compulsory Training

| | | | | | | | |
|------------|--|----|----|---|---|-----|-----------|
| MSTG0023-1 | <i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1 - COLLÉGIALITÉ - [11half-d Internship]</i> | B2 | TA | - | - | [+] | 25 |
|------------|--|----|----|---|---|-----|-----------|

Neurosurgery module (B2 : 60Cr)

| | | | | | | | |
|------------|--|----|----|---|---|---|----------|
| NEUR2108-1 | <i>Theory courses, B1 or 2 or 3</i> | B2 | TA | | | | 5 |
| | <i>- Neuro-anatomy and normal and pathological physiology - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Neuro-imaging - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Cranial traumatology - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Spinal traumatology - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Infection of the central nervous system - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Functional neurosurgery (epilepsy, abnormal movements, pain) - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Neuro-oncology - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Vascular pathology - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Spinal and medullary pathologies - COLLÉGIALITÉ</i> | | | 4 | - | - | |
| | <i>- Developmental abnormalities and hydrocephaly - COLLÉGIALITÉ</i> | | | 4 | - | - | |

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|------------|--|----|----|----|-----|-----------|
| | - <i>Pathology of the peripheral nervous system</i> - COLLÉGIALITÉ | 4 | - | - | | |
| NEUR0115-1 | <i>Supervised exercises in Neurosurgery, B1 or 2 or 3</i> | B2 | TA | | | 20 |
| | - <i>Learning in the operating room</i> - COLLÉGIALITÉ - [160h PBL] | | - | - | [+] | |
| | - <i>Exercises at the patient's bedside</i> - COLLÉGIALITÉ | | - | 80 | - | |
| NEUR2114-1 | <i>Neurosurgery seminars, B1 or 2 or 3</i> | B2 | TA | | | 5 |
| | - <i>Interuniversity neurosurgery seminars</i> - COLLÉGIALITÉ - [15h SEM] | | - | - | [+] | |
| | - <i>Continued university training sessions in neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] | | - | - | [+] | |
| | - <i>Sessions by the Belgian Society for Neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] | | - | - | [+] | |
| NEUR0009-3 | <i>Drafting and presentation of scientific publications, B1 or 2 or 3</i> - COLLÉGIALITÉ | B2 | TA | - | - | 5 |

Compulsory Training

| | | | | | | |
|------------|--|----|----|---|---|---------------|
| MSTG2030-6 | <i>Training in clinical practice including on-duty in neurosurgery, B1 or 2 or 3</i> - [11half-d Internship] | B2 | TA | - | - | [+] 25 |
|------------|--|----|----|---|---|---------------|

Choose one module that has not been taken in block 1 and in block 2: (B3 : 60Cr)

Neurology module (B3 : 60Cr)

| | | | | | | |
|------------|---|----|----|-----|-----|-----------|
| NEUR2038-1 | <i>University and interuniversity courses including seminars, B1</i> | B3 | TA | | | 10 |
| | - <i>Physiopathological aspects (including neuropathological and genetic aspects), diagnoses, prognoses of neurological conditions</i> - COLLÉGIALITÉ | | 30 | - | - | |
| | - <i>In-depth study of neurological pathologies, diagnostic techniques and specific therapies</i> - COLLÉGIALITÉ | | 15 | - | - | |
| | - <i>Seminars</i> - COLLÉGIALITÉ - [50h SEM] | | - | - | [+] | |
| NEUR2115-1 | <i>Supervised exercises in Neurology, B1</i> | B3 | TA | | | 25 |
| | - <i>Supervised exercises including in neurophysiology</i> - COLLÉGIALITÉ | | - | 90 | - | |
| | - <i>Bedside learning</i> - COLLÉGIALITÉ | | - | 150 | - | |

Compulsory Training

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|------------|--|----|----|---|---|---------------|
| MSTG2003-1 | <i>Training in clinical practice including on-duty in Neurology, B1</i> - COLLÉGIALITÉ - [11half-d Internship] | B3 | TA | - | - | [+] 25 |
|------------|--|----|----|---|---|---------------|

Surgery module (B3 : 60Cr)

| | | | | | | |
|------------|--|----|----|-----|-----|-----------|
| CHIR2100-1 | <i>Interuniversity theory courses including seminars, B1</i> | B3 | TA | | | 10 |
| | - <i>Interuniversity training</i> - COLLÉGIALITÉ | | 45 | - | - | |
| | - <i>Postgraduate seminars from the Royal Belgian Society of Surgery</i> - COLLÉGIALITÉ - [20h SEM] | | - | - | [+] | |
| | - <i>Weekly seminars organised by the different internship departments</i> - COLLÉGIALITÉ - [40h SEM] | | - | - | [+] | |
| CHIR2045-1 | <i>Drafting and presentation of scientific work, Block 1</i> - COLLÉGIALITÉ | B3 | TA | - | - | 5 |
| CHIR2146-1 | <i>Supervised exercises in surgery, B1</i> | B3 | TA | | | 20 |
| | - <i>Introduction to operating techniques in operating rooms</i> - COLLÉGIALITÉ | | - | 150 | - | |
| | - <i>Introduction to new techniques (videoscapy, pre-operative ultrasound, microsurgical techniques, surgery)</i> - COLLÉGIALITÉ | | - | 150 | - | |
| | - <i>Bedside learning</i> - COLLÉGIALITÉ | | - | 50 | - | |

Compulsory Training

| | | | | | | |
|------------|--|----|----|---|---|---------------|
| MSTG0023-1 | <i>Training in clinical practice, including on-duty in surgery and accident and emergency, B1</i> - COLLÉGIALITÉ - [11half-d Internship] | B3 | TA | - | - | [+] 25 |
|------------|--|----|----|---|---|---------------|

Neurosurgery module (B3 : 60Cr)

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|------------|-------------------------------------|----|----|--|--|----------|
| NEUR2108-1 | <i>Theory courses, B1 or 2 or 3</i> | B3 | TA | | | 5 |
|------------|-------------------------------------|----|----|--|--|----------|

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|----------------------------|--|----|----|-----|---|-----------|
| | - <i>Neuro-anatomy and normal and pathological physiology</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Neuro-imaging</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Cranial traumatology</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Spinal traumatology</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Infection of the central nervous system</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Functional neurosurgery (epilepsy, abnormal movements, pain)</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Neuro-oncology</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Vascular pathology</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Spinal and medullary pathologies</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Developmental abnormalities and hydrocephaly</i> - COLLÉGIALITÉ | 4 | - | - | | |
| | - <i>Pathology of the peripheral nervous system</i> - COLLÉGIALITÉ | 4 | - | - | | |
| NEUR0115-1 | <i>Supervised exercises in Neurosurgery, B1 or 2 or 3</i> | B3 | TA | | | 20 |
| | - <i>Learning in the operating room</i> - COLLÉGIALITÉ - [160h PBL] | - | - | [+] | | |
| | - <i>Exercises at the patient's bedside</i> - COLLÉGIALITÉ | - | 80 | - | | |
| NEUR2114-1 | <i>Neurosurgery seminars, B1 or 2 or 3</i> | B3 | TA | | | 5 |
| | - <i>Interuniversity neurosurgery seminars</i> - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - <i>Continued university training sessions in neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| | - <i>Sessions by the Belgian Society for Neurosurgery</i> - COLLÉGIALITÉ - [15h SEM] | - | - | [+] | | |
| NEUR0009-3 | <i>Drafting and presentation of scientific publications, B1 or 2 or 3</i> - COLLÉGIALITÉ | B3 | TA | - | - | 5 |
| Compulsory Training | | | | | | |
| MSTG2030-6 | <i>Training in clinical practice including on-duty in neurosurgery, B1 or 2 or 3</i> - [11half-d Internship] | B3 | TA | - | - | 25 |