|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Curso - Módulo - Asignatura** | **Semanas** | **Obligatorio** | **Electivo** | **Créditos Total** | **Horas de trabajo académico** | **Áreas o componentes de formación del currículo** | **No. máximo de residentes matriculados o proyectados** |
| **Horas de trabajo directo** | **Horas de trabajo independiente** | **Horas de trabajo totales** |
| **Horas prácticas** | **Horas teóricas** | **B** | **D** | **I** |
| **Semestre 1** |
| Neuroanatomía | 2 | X |   | 2 | 24 | 24 | 48 | 96 |   | X |   | 3 |
| Enfoque del paciente neuroquirúrgico | 16 | X |   | 20 | 691 | 77 | 207 | 975 |   | X |   | 3 |
| Imágenes en neurocirugía: urgencias  | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Investigación 1 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 1 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **29** | **869** | **211** | **325** | **1405** |  |  |  | **3** |
| **Semestre 2** |
| Urgencias neuroquirúrgicas 1: trauma | 16 | X |   | 25 | 864 | 96 | 259 | 1219 |   | X |   | 3 |
| Imágenes en neurocirugía 2: electiva | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Unidad de cuidados intensivos | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Investigación 2 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 2 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **37** | **1171** | **245** | **375** | **1791** |  |  |  |  |
| **Semestre 3** |
| Urgencias neuroquirúrgicas 2: no traumáticas  | 8 | X |   | 12 | 384 | 96 | 115 | 595 |   | X |   | 3 |
| Urgencias en neurocirugía pediátrica. | 4 | X |   | 6 | 192 | 48 | 58 | 298 |   | X |   | 3 |
| Infectología | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Neurología clínica | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Investigación 3 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 3 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **35** | **1037** | **331** | **335** | **1703** |  |  |  |  |
| **Semestre 4** |
| Urgencias en neurocirugía pediátrica: manejo urgente.  | 16 | X |   | 25 | 864 | 96 | 259 | 1219 |   | X |   | 3 |
| Radioterapia | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Neuropatología | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Investigación 4 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 4 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **37** | **1171** | **245** | **375** | **1791** |  |  |  |  |
| **Semestre 5** |
| Cirugía electiva cerebral | 12 | X |   | 15 | 461 | 115 | 138 | 714 |   | X |   | 3 |
| Neuroncología  | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Nervio periférico | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Investigación 5 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 5 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **32** | **922** | **302** | **300** | **1524** |  |  |  |  |
| **Semestre 6** |
| Cirugía electiva columna | 12 | X |   | 15 | 461 | 115 | 138 | 714 |   | X |   | 3 |
| Neurocirugía infantil: cirugía programada | 12 | X |   | 15 | 461 | 115 | 138 | 714 |   | X |   | 3 |
| Investigación 6 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| Formación Integral 6 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| **TOTAL** |  |  |  | **32** | **922** | **302** | **300** | **1524** |  |  |  |  |
| **Semestre 7** |
| Neurocirugía vascular | 12 | X |   | 15 | 461 | 115 | 138 | 714 |   | X |   | 3 |
| Neurocirugía base del cráneo | 12 | X |   | 15 | 461 | 115 | 138 | 714 |   | X |   | 3 |
| Formación Integral 7 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| Investigación 7 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| **TOTAL** |  |  |  | **32** | **922** | **302** | **300** | **1524** |  |  |  |  |
| **Semestre 8** |
| Neurocirugía funcional | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Neurocirugía mínimamente invasiva  | 16 | X |   | 20 | 614 | 154 | 184 | 952 |   | X |   | 3 |
| Formación Integral 8 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| Investigación 8 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| **TOTAL** |  |  |  | **32** | **922** | **302** | **300** | **1524** |  |  |  |  |
| **Semestre 9** |
| Cirugía de epilepsia | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Tratamiento del dolor | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Deformidades de columna | 8 | X |   | 10 | 307 | 77 | 92 | 476 |   | X |   | 3 |
| Formación Integral 9 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| Investigación 9 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| **TOTAL** |  |  |  | **32** | **922** | **302** | **300** | **1524** |  |  |  |  |
| **Semestre 10** |
| Patología compleja de base de cráneo | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Bypass cerebral | 4 | X |   | 5 | 154 | 38 | 46 | 238 |   | X |   | 3 |
| Optativa | 16 |   | X | 19 | 576 | 144 | 173 | 893 |   | X |   | 3 |
| Formación Integral 10 | 16 | X |   | 1 | 0 | 36 | 12 | 48 | X |   |   | 3 |
| Investigación 10 | 16 | X |   | 1 | 0 | 36 | 12 | 48 |   |   | X | 3 |
| **TOTAL** |  |  |  | **31** | **883** | **293** | **289** | **1465** |  |  |  |  |
|  **Totales** |
| Total Número Horas |  |   |   |   | 9739 | 2837 | 3203 | 15779 |   |   |   |   |
| Total Porcentaje Horas (%) |  |   |   |   | 62% | 18% | 20% | 100% |   |   |   |   |
| Total Número Créditos del Programa |  | 310 | 19 | 329 |   |   |   |   | 10 | 318 | 10 |   |
| Total Porcentaje Créditos (%) |  | 95% | 5% | 1 |   |   |   |   | 3% | 94% | 3% |   |