NEUROSCIENCE

 (PHASE 4)

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| **LEARNING AIM(S)** |
| **1** | In this course, it is aimed that students learn about working approaches by bringing together molecular, preclinical, and clinical models of brain functions. In this internship, it is aimed that students can associate these biological models of brain functions with behavioral, affective, and cognitive functions and their disorders. |

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| **LEARNING OBJECTIVE(S)** |
| **1** | To be able to explain neuronal communication through resting potential, action potential and neurotransmission. |
| **2** | To be able to explain the general organization of the brain. |
| **3** | To be able to relate brain organization to cognitive processes (such as visual processing, auditory processing, attention and/or memory) and/or hemispheric specialization. |
| **4** | To be able to explain typical and atypical cognitive and emotional processes and the pathological mechanisms underlying common diseases and/or nervous system disorders. |

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| **INTENDED LEARNING OUTCOME(S)** |
| **1** | Can explain neuronal communication through resting potential, action potential and neurotransmission. |
| **2** | Can explain the general organization of the brain. |
| **3** | Can relate brain organization to cognitive processes (such as visual processing, auditory processing, attention and/or memory) and/or hemispheric specialization. |
| **4** | Can explain typical and atypical cognitive and emotional processes and the pathological mechanisms underlying common diseases and/or nervous system disorders. |