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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Neurology** | **MED**  **5001** | **IX** | **Mandatory** | 48 | **3** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences * Higher Medical Educational Program “Medicine” * One cycle 6-year | | | | |

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| **Learning Course Content** |
| * Fundaments and history of Neurology; Main neurological diagnostic tools: History taking, Neurological examination, Lumbar puncture, Electroencephalography; Evoked potentials, Electromyography, Neuroimaging. Headache and Neuralgia. * Consciousness and Unconscious patients: syncope, delirium, confusion, coma; Glasgow Coma Scale; * Cerebrovascular disorders: Stroke, TIA; Speech arrest and language assessment; * Approaches patients with Seizures: epileptic and non-epileptic seizures EEG and EMG; neuroimaging; * Mental status Examination; Cognitive disorders: Dementia, Delirium; * Movement disorders: Parkinsonism and Parkinson’s disease; * Intracranial hypertension: Acute Cerebrovascular disease, Cerebral edema and Brain herniation; Paraneoplastic Neurological Syndrome; * Infections of Nervous System: Meningitis, Encephalitis. Myelitis; Cerebral Vasculitis. * Peripheral Nervous system disorders: Peripheral neuropathy, Guillain-Barre syndrome, Myasthenia Gravis; Multiple Sclerosis; Myopathy; * Sleep disorders: Sleep apnea. |
| **Textbooks and Materials** |
| * Harrison's Neurology in Clinical Medicine- Stephen L. Hauser; McGraw-Hill Medical Pub. Division; 2006; * Neurology and neurosurgery illustrated- Kenneth W Lindsay; Ian Bone; Churchill Livingstone; 5th.ed. 2010; * Bradley's neurology in clinical practice- Daroff MD, Robert B;  Jankovic MD, Joseph; V-2 * Clinical Neuroanatomy- Snell, Richard S; Lippincott Williams & Wilkins; 6th.ed. 2006; * Duus' topical diagnosis in neurology:Anatomy. Physiology. Signs. Symptoms-Bähr, Mathias, MD; Thieme; 5th.ed; 2012; e-book; * Adams and Victor's principles of Neurology -Allan H. Ropper; MArtin A.Samuels; Mc Graw Hill education Medical; 10th.ed. 2014; |