

# Neurology (NEUR)

---

Course information contained within the Bulletin is accurate at the time of publication in July 2024 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

**NEUR M239. Clinical Neurology. 0 Credit Hours.**

**Course Attributes:** M5

**Repeatability:** This course may not be repeated for additional credits.

**NEUR M250. Neurology of Behavior. 0 Credit Hours.**

**Course Attributes:** M5

**Repeatability:** This course may not be repeated for additional credits.

**NEUR M300. Neurology Elective. 0 Credit Hours.**

This course will enable students to develop a basic understanding of the fund of knowledge and types of medical problems seen in this specialty; to develop a basic understanding of the medical decision making process involved in the practice; and to develop an understanding of and practice of medical interpersonal communication and professionalism.

**Repeatability:** This course may be repeated for additional credit.

**NEUR M370. Neurology. 0 Credit Hours.**

The Neurology clerkship is a 4-week rotation during which students take neurological histories, perform neurological exams, and develop the ability to localize a lesion. Students rotate in the inpatient and ambulatory settings and are exposed to a variety of neurological diseases. Students learn about the work-up, diagnosis and treatment of patients with common neurologic disorders. The students participate in focused encounters and complex cases that involve more advanced treatment methods including advanced stroke care, or epilepsy surgery.

**Course Attributes:** M1

**Repeatability:** This course may not be repeated for additional credits.

**NEUR M471. Vascular Neurology. 0 Credit Hours.**

This clinical elective provides students with exposure to neurology patients with cerebrovascular disease. This rotation will be applicable to students interested in pursuing a career in neurology, neurosurgery, emergency medicine, internal medicine, physical medicine, rehabilitation, and other related fields. During this rotation, students will be expected to round on the neurology inpatient stroke service. They will follow patients from hospital admission to discharge. They will also be expected to attend vascular neurology clinic. They will have the opportunity to participate in the emergent management of stroke patients during stroke alerts.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in NEUR M370.

**NEUR M472. Neuromuscular. 0 Credit Hours.**

This clinical elective is designed to provide medical students with exposure to neurology patients who have a primary neuromuscular disorder. During this rotation, students will have the opportunity to participate in the care of patients with ALS, muscular dystrophy, and neuropathy in a multidisciplinary clinic and evaluate and participate in the diagnosis and treatment of a broad spectrum of neuromuscular disorders. Completion of the clinical neurology rotation is a prerequisite.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

**NEUR M473. Clinical Neuropsychology. 0 Credit Hours.**

This elective is housed within the Neuropsychology Department of SLUHN's Center for Neuroscience. Students will learn a broad range of neuropsychological assessment procedures and are exposed to virtually every neuropathological condition including the full spectrum of neurodegenerative disease processes, movement disorders, closed and penetrating head injuries, sports concussion, epilepsy, cerebrovascular diseases and accidents, neoplastic disease, and cognitive change due to other complex medical or neurologic conditions. This elective will give the student exposure to the full process of a comprehensive neuropsychological evaluation, including clinical interviewing, test selection and administration, scoring and interpretation, report writing, and delivering feedback to the patient.

**Repeatability:** This course may be repeated for additional credit.

**NEUR M600. Neurological ICU (NICU) - Critical Care. 0 Credit Hours.**

The required critical care course will introduce students to the management of critically ill patients. Students are expected to follow their patients' progress and contribute to their care with supervision. Students will observe and assist as possible in procedures being performed in the ICU. Students will obtain exposure to assisted ventilation, palliative and end-of life care.

**Course Attributes:** M2

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

**NEUR M601. Advanced Neurology. 0 Credit Hours.**

This clinical elective provides students with a greater depth and breadth of exposure to general neurology patients. Students will take primary responsibility for assigned patients and will prioritize and complete tasks in a logical and efficient order under direct supervision. Students will assist in relevant procedures for their assigned patients under the direct supervision of a resident, fellow, or attending.

**Course Attributes:** M2

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

**NEUR M602. Clinical Epilepsy & EEG. 0 Credit Hours.**

This clinical elective is designed to provide students the opportunity to work with the team in the EEG lab and the Epilepsy monitoring unit. Daily activities include observation of technologists performing EEGs, evoked potentials, and other studies, attendance at EEG reading and interpretation sessions, as well as attendance at other clinical neurophysiology and neurology activities.

**Course Attributes:** M2

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in INTM M301, OBGY M320, PEDI M330, PSYM M340, SURG M350, NEUR M370, and FAMP M360.

**NEUR M612. Neuro-Ophthalmology. 0 Credit Hours.**

**Course Attributes:** M2

**Repeatability:** This course may not be repeated for additional credits.

**NEUR M613. Neuroimmunology. 0 Credit Hours.**

**Course Attributes:** M2

**Repeatability:** This course may not be repeated for additional credits.