

Neurology (NEUR)

Course information contained within the Bulletin is accurate at the time of publication in August 2023 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.

Course Attributes: M1

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

NEUR M471. Vascular Neurology Elective. 0 Credit Hours.

The Vascular Neurology Elective is designed to give the student increased exposure and autonomy in care of the neurology patient. It is further designed to give the student additional experience and increased knowledge of vascular neurological disorders.

Repeatability: This course may be repeated for additional credit.

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

NEUR M472. Neuromuscular Elective. 0 Credit Hours.

The purpose of the Neuromuscular Elective is to provide medical students with a greater depth and breadth of exposure to neurology patients who have a primary neuromuscular disorder. During this rotation, students will have the opportunity to: 1) Participate in the care of patients with ALS, muscular dystrophy, and neuropathy in a multidisciplinary clinic, 2) Evaluate and participate in the diagnosis and treatment of a broad spectrum of neuromuscular disorders, 3) Observe electrophysiological testing (electromyography and nerve conduction studies) and interpret the results, and 4) Interpret nerve and muscle biopsies. The students will also participate in the multidisciplinary MDA clinic at Good Shepard Hospital in Allentown, PA.

Repeatability: This course may be repeated for additional credit.

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

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. Neurology. 0 Credit Hours.

Course Attributes: M2

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

Course Attributes: M2

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

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.