

NEUROLOGY (N)

N 0301 - Neurology Clerkship

Credit(s): 2-4 Credits (Repeatable for credit)

N 0302 - Neurology Career Exploration

Credit(s): 1-2 Credits (Repeatable for credit)

This course may be used to register for Neurology career exploration. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

N 0303 - Neurology self-designed Career Exploration

Credit(s): 1-2 Credits (Repeatable for credit)

N 0304 - Neurology - Sleep Medicine @ SLU Hospital

Credit(s): 1-4 Credits

N 0405 - Clinical Neuro-Ophthalmology

Credit(s): 2-12 Credits

Year 3 students will be considered only with permission from the elective director. It provides exposure to important aspects of these specialties, particularly to funduscopic diagnoses, optic nerve disorders, visual field defects, pupillary syndromes, and eye movement disturbances. Experience is gained in the use of ophthalmic equipment and in clinical diagnoses in the clinic and at the bedside. Half of the rotation is spent on the Ophthalmology hospital consultation services as well.

N 0407 - Child Neurology

Credit(s): 2-12 Credits

This is a primary outpatient experience in child neurology. The student will evaluate new and established patients in both the general pediatric neurology clinic and various subspecialty clinics including: New Onset Seizure clinic, Neuromuscular clinic, Neurofibromatosis clinic, Neuro-Oncology clinic, Cerebral Palsy clinic and the NICU Graduate clinic.

N 0408 - Clinical Neurophysiology

Credit(s): 2-12 Credits

The course consists of acquiring skills and developing concepts about different neurophysiological procedures. The student will be exposed to performance and interpretation of nerve conduction studies, electromyography, electroencephalography, and visual, auditory, somatosensory evoked potentials. Application of these procedures to different neurological diseases, including pathophysiology, will be discussed. The student will have the opportunity to write a paper on a subject of his/her own interest in the field of neurophysiology.

N 0410 - Clinical Neuro-Oncology

Credit(s): 2-12 Credits

The student will attend weekly clinics in pediatric neuro-oncology, neurofibromatosis and pediatric-oncology tumor board conferences (weekly on Thursday 8.15 am cardiology conf room) and Brain tumor meeting (even week on Wednesday 12.30 pm radiology conf room) at Cardinal Glennon Children's Hospital.

N 0411 - Neurocritical Care

Credit(s): 2-12 Credits

This is a hand on experience where the medical student under the supervision of a stroke/neurocritical care attending will evaluate patients in the neurocritical care team. Given the nature of the rotation involving critically patients, the rotation is purely an inpatient rotation. There is no outpatient experience.

N 0412 - Sleep Medicine

Credit(s): 2-12 Credits

This elective serves as an overview of sleep medicine. Sleep disorders are very common and can lead to serious health consequences if left untreated. Although these disorders are commonly encountered in clinical practice, very little time is dedicated to sleep medicine in the traditional medical school curriculum. There has been an explosion in this multidisciplinary field, which is now a 1 year ACGME approved fellowship. Faculty are from the departments of internal medicine, neurology, psychiatry, pediatrics, and psychology. While spending time in our new state of the art Sleep Disorders Center (adults) and Pediatric Sleep and Research Center (children), students will learn about sleep disorders such as sleep apnea, insomnia, restless legs syndrome, narcolepsy, and circadian rhythm disorders. Students will learn how to take a proper sleep history and physical examination of patients with complaints of sleepiness or insomnia. Students will also become familiar with the procedure and interpretation of sleep studies or overnight polysomnograms. The students will participate in a multidisciplinary insomnia clinic that emphasizes nonpharmacological approaches to insomnia and other sleep complaints. Didactic conferences will be given in the form of our weekly Sleep Medicine Seminars series and Sleep Medicine Case conferences. There is no call or weekend duties during the rotation.

N 0413 - Multiple Sclerosis, Spinal Cord Injury and Pain Rehabilitation Center

Credit(s): 3 Credits

N 0499 - Neurology Student Chief

Credit(s): 1-12 Credits (Repeatable for credit)

Students selected to take this elective will serve as "Student Chiefs" at the beginning of the required clerkships. Week 1: The first week of the elective overlaps with the required, one-week orientation for students beginning their clerkships. During this week you would receive instruction in how to teach and provide feedback in the clinical setting. You will also be expected to help with general third year orientation week. Weeks 2-3: The following two weeks, you will help the new third-year students make the transition from classroom to clinic. The clerkship director and the education coordinator for the clerkship will provide you with guidance in this area. For example, you may be asked to observe and provide feedback when students perform histories and physical exams, to provide guidance on written and oral case presentations, and other clerkship tasks. In general, your job is to help facilitate each student's successful entry into the clerkship.

N 0501 - Subinternship: Neurology at Saint Louis University Hospital

Credit(s): 3-6 Credits (Repeatable for credit)

Specific to the Neurology Subinternship, the student will develop an increasing ability to: recognize and categorize all types and degrees of neurologic disorders determine all subjective and objective details in the history obtain a complete and organized physical and neurological examination formulate a thoughtful localization, working diagnosis and differential diagnosis demonstrate appropriate understanding and attainment of knowledge of the pathogenesis of symptoms, signs, images and laboratory values propose a practical management and treatment plan that are mindful of risks, resources and costs provide a clear and orderly expression and maintain legible written accounts of the presentation and progress of neurologic illnesses exercise ethical standards and humanistic social and emotional attributes for an illness with regard to the patient and family maintain a willingness to improve clinical performance and to teach other students and colleagues as well as patients and families exhibit a professional demeanor in appearance and actions.

N 0502 - Subinternship:Neurocritical Care at Saint Louis University Hospital

Credit(s): 3-6 Credits (Repeatable for credit)

This is a hands on experience where the medical student under the supervision of a stroke/neurocritical care attending will evaluate patients in the neurocritical care team. Students will evaluate patients participate in morning and evening rounds by presenting and discuss patients under their care. It is expected the student will round 6 our of 7 days in the week. The student will have one day off a week. During the rotation it is also expected the student will give at least two short presentations to the team on a neurocritical care topic of his/her choice. Given the nature of the rotation involving critically patients, the rotation is purely an inpatient rotation. There is no outpatient experience.Gain basic experience in the common ethical issues that arise in the care of neurocritically ill patients.

N 0901 - Neurology Direct Patient Care

Credit(s): 1-12 Credits (Repeatable for credit)

This course may be used to register for a Neurology elective. The elective experience must fulfill the requirements for a direct-patient care elective. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

N 0902 - Neurology Non-Direct Patient Care

Credit(s): 1-12 Credits (Repeatable for credit)

N 0903 - Neurology Research

Credit(s): 1-12 Credits (Repeatable for credit)

This course may be used to register for a Neurology elective. The elective experience must fulfill the requirements for a research elective. The location of the experience may be at a SLU SOM affiliate or at another health care institution.

N 0904 - Neurology Senior Inquiry

Credit(s): 1-12 Credits (Repeatable for credit)

N 0905 - Neurology Teaching

Credit(s): 1-12 Credits (Repeatable for credit)