

# NEUROSURGERY (NSURG)

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## NSURG 750: Neurosurgery Acting Internship

5 Credits/Maximum of 5

Neurosurgery Acting Internship.

**Prerequisite:** successful completion of 3rd year core clerkships - students should contact course director prior to registering

## NSURG 750A: Neurosurgery Elective for 3rd Year Medical Students

2.5 Credits/Maximum of 2.5

Neurosurgery Elective for 3rd Year Medical Students.

**Prerequisite:** successful completion of one third year core clerkship

## NSURG 751: Neurocritical Care Acting Internship

5 Credits/Maximum of 5

The Neurocritical Care AI provides students advanced training in the diagnosis and management of critically ill patients with severe neurological disorders and following neurosurgical operative procedures, who are cared for in the specialized Neurocritical Care Unit. Students will learn management strategies for various neurological disorders such as ischemic and hemorrhagic stroke, aneurysmal subarachnoid hemorrhage, traumatic brain and spinal cord injury, brain and spinal cord tumors, neurological infections, hydrocephalus and related CSF disorders, epilepsy, movement disorders and deep brain stimulation, and genetic, inflammatory, toxic/metabolic, nutritional, and degenerative neurological conditions. Students will also learn management strategies for neurological emergencies such as increased ICP, status epilepticus, shock, and respiratory failure. Students will gain technical experience performing bedside procedures such as intubation, line insertions, lumbar punctures, and intracranial pressure monitor and external ventricular drain insertions. Students will assume the comparable role of a PGY 1 resident, and will work collaboratively with the Neurocritical Care Unit interdisciplinary team and other healthcare professionals in the management of their patients, with discharge planners and others in preparation for transfer, and with patients and families. Students will attend required neurosurgery and neurology conferences.

**Prerequisite:** Successful completion of Phase I and II

## NSURG 796: Neurosurgery Individual Studies

5 Credits/Maximum of 5

Neurosurgery Individual Studies.

**Prerequisite:** successful completion of 3rd year core clerkships. Student must contact course director for approval prior to registering for course

## NSURG 797: Neurosurgery Special Topics

5 Credits/Maximum of 5

Neurosurgery Special Topics.

**Prerequisite:** successful completion of 3rd year core clerkships. Student must contact course director for approval prior to registering for course.