

NEUROSURGERY (NSU)

School of Medicine

NSU 199 – Special Study in Neurosurgery for Advanced Undergraduates (1-5 units)

Starting Summer Session 1 2025, this course is no longer offered.

Course Description: Students may participate in ongoing neurosurgical projects or may pursue and design independent projects.

Prerequisite(s): Advanced undergraduate standing with consent of instructor.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

NSU 299 – Neurosurgery Research (3-12 units)

Starting Summer Session 1 2025, this course is no longer offered.

Course Description: Student may participate in ongoing neurosurgical projects or may pursue and design independent projects.

Prerequisite(s): Graduate student with consent of instructor.

Learning Activities: Variable.

Grade Mode: Satisfactory/Unsatisfactory only.

NSU 451 – Neurosurgical Critical Care Clerkship (3 units)

Course Description: Students participate in the care of neurosurgical patients in the NSICU and in the admission and surgical management of patients admitted through the Emergency Room.

Prerequisite(s): Third- or fourth-year medical student having completed a neurosurgical clerkship or consent of instructor.

Learning Activities: Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 455 – Clinical Pediatric Neurosurgery (6 units)

Course Description: Admission and follow-up of pediatric patients. Neurological history, examination, and diagnostic procedures are emphasized. Students will participate in surgical procedures and are required to attend all pediatric neurosurgery conferences.

Prerequisite(s): NSU 460; consent of instructor; third- or fourth-year medical students.

Learning Activities: Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 460 – Clinical Neurosurgery (3-18 units)

Course Description: Approved for graduate degree credit. Admission and follow-up of patients. Neurological history, examination, and further diagnostic procedures emphasized. Participate in meaningful aspects of surgical procedures and attend listed conferences, rounds, and seminars.

Prerequisite(s): Consent of instructor; third- and fourth-year medical students.

Learning Activities: Variable, Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 464 – Externship (3-9 units)

Course Description: Clerkship in neurosurgery to be arranged at another institution with accredited residency program in neurosurgery under proper supervision.

Prerequisite(s): Fourth-year medical student having completed a neurosurgical clerkship or consent of instructor.

Learning Activities: Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 465 – Neurocritical Care (6-18 units)

Course Description: In this Acting Internship, learn and practice how to safely assess and manage acutely ill patients with life-threatening neurologic and neurosurgical disease or life-threatening neurologic manifestations of systemic disease as part of our multidisciplinary neurocritical care team.

Learning Activities: Internship.

Grade Mode: Honors/Pass/Fail.

NSU 466 – Neurocritical Care (NSICU) (3-8 units)

Course Description: Participate in the care of neurosurgical patients in the NSICU and in the admission and surgical management of patients admitted through the Emergency Room.

Learning Activities: Variable.

Repeat Credit: May be repeated 2 time(s).

Grade Mode: Honors/Pass/Fail Only.

NSU 470 – Advanced Clinical Neurosurgery (6-18 units)

Course Description: Student will function as acting intern on neurosurgery service. Admission and management of patients. Neurological history, examination, diagnostic procedures, and surgical management are emphasized. Students participate in meaningful aspects of surgical procedures and attend required conferences and rounds.

Prerequisite(s): Consent of instructor; fourth-year medical student in good academic standing.

Learning Activities: Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 474 – Away Acting Internship in Neurosurgery (6-18 units)

Course Description: Away acting internship in Neurosurgery.

Learning Activities: Clinical Activity.

Grade Mode: Honors/Pass/Fail.

NSU 480 – Insights in Neurosurgery (1-3 units)

Course Description: Observation of neurosurgical care in emergency room, operating room and hospital floors, including manner of treatment of a variety of chronic and acute neurological diseases.

Prerequisite(s): Consent of instructor; first- and second-year medical students in good academic standing.

Learning Activities: Clinical Activity 3-9 hour(s).

Grade Mode: Honors/Pass/Fail.

NSU 499 – Neurosurgery Research (1-18 units)

Course Description: Student may participate in ongoing neurosurgical projects or may pursue and design independent projects.

Prerequisite(s): Medical student with consent of instructor.

Learning Activities: Variable.

Repeat Credit: May be repeated.

Grade Mode: Honors/Pass/Fail.