NEUROLOGICAL SURGERY (NEURO SURG)

NEURO SURG 130.01 CIEx - Neurosurgery Elective - VAMC-SF (1.5-3 Units) Fall, Winter, Spring, Summer
Instructor(s): Phiroz E Tarapore
Prerequisite(s): None
Restrictions: Medical Students in Foundations 2
Activities: Clinical

This is a Bridges Curriculum Clinical Immersive Experience (CIEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. Students will have opportunities to recognize common diagnoses in neurosurgery practice, observe common procedures, and compose treatment plans for these common conditions. Students will serve as part of the patient care team.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

NEURO SURG 130.02 CIEx - Neurosurgery Apprenticeship (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Manish K. Aghi
Prerequisite(s): NSURG 130.03 or other Neurosurgery experience in F1.
Restrictions: Medical Students in Foundations 2
Activities: Clinical

This is a Bridges Curriculum Clinical Immersive Experience (CIEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. This CIEx is for students who have already had exposure to neurosurgery. Students without prior exposure to neurosurgery should first enroll in NSURG 130.03. Students spend 2 weeks with 1-2 faculty members to see the life of a neurosurgeon.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? Yes
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

NEURO SURG 130.03 CIEx - Neurosurgery Subspecialty (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Manish K. Aghi
Prerequisite(s): None
Restrictions: Medical Students in Foundations 2
Activities: Clinical

This is a Bridges Curriculum Clinical Immersive Experience (CIEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. During this CIEx, the student spends 2 weeks with the team of neurosurgery residents at Parnassus rounding on patients and going to the operating room. Students also join residents for academic conferences.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No
NEURO SURG 130.04 ClEx - Pediatric Neurosurgery (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Nalin Gupta
Prerequisite(s): None
Restrictions: None
Activities: Clinical
This is a Bridges Curriculum Clinical Immersive Experience (ClEx), which provide medical students in Foundations 2 opportunities to broaden and enhance their professional development in health care settings different from those of their core clerkships. During this ClEx, the student spends 2 weeks with the team of neurosurgery residents at Mission Bay or Children's Hospital Oakland rounding on patients and going to the operating room. Students also join residents for academic conferences.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No

NEURO SURG 140.02 Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer
Instructor(s): Manish K. Aghi
Prerequisite(s): Neurology 110
Restrictions: 4th Year Medical Students
Activities: Clinical
Clinical clerkship in approved hospitals by special arrangement, and approval of the dean and chairperson of the department.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: Letter Grade, P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? Yes

NEURO SURG 140.03 Advanced Inpatient Clerkship 2 (6 Units) Fall, Winter, Summer
Instructor(s): Manish K. Aghi
Prerequisite(s): 140.01, NEURO SURG 140.01
Restrictions: UCSF Students Only
Activities: Clinical, Conference
This four week advanced sub-internship is completed after the student finishes Neurosurgery 140.01: Advanced Inpatient Clerkship and allows the student to become an even more integral part of the neurosurgery service, assisting members of the house staff and faculty. Activities continue to include ward and ICU rounds, observing and assisting in the OR, taking night call, and attending grand rounds and other teaching conferences, but with even deeper involvement than Neurosurgery 140.01.

School: Medicine
Department: Neurological Surgery
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? No
**NEURO SURG 140.05** Clinical Neurosurgery (1.5-3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Manish K. Aghi

*Prerequisite(s):* MS3 or MS4 standing.

*Restrictions:* MS3, MS4

Students will shadow a resident and interact with faculty accordingly in the operating room, inpatient setting and outpatient clinic. Student experiences will differ by site but may include treatment of movement disorders, epilepsy, pediatric and adult brain tumors, head and spinal trauma (operative and non-operative management), hydrocephalus, aneurysms, peripheral nerve disorders and disc disease.

School: Medicine  
Department: Neurological Surgery  
May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**NEURO SURG 150.01** Research in Neurosurgery (3-24 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Staff

*Prerequisite(s):* Consent of instructor and department.

Activities: Laboratory, Fieldwork, Project

Research project under the direction of a member of the faculty. Extensive background reading will be required and discussion of important topics will be held at weekly laboratory and program project research conferences.

School: Medicine  
Department: Neurological Surgery  
May the student choose the instructor for this course? Yes  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

**NEURO SURG 198** Supervised Study (1-9 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Manish K. Aghi

*Prerequisite(s):* Consent of instructor preceptor and approval of third- and fourth-year coordinator.

*Restrictions:* Medical students only  
Activities: Independent Study, Project

Focused study and directed reading under supervision of a member of the faculty with the approval of the chairperson of the department.

School: Medicine  
Department: Neurological Surgery  
May the student choose the instructor for this course? Yes  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Repeat course for credit? Yes