

# NEUROLOGICAL SURGERY (NEURO SURG)

## NEURO SURG 130.01 CIEEx - Neurosurgery Elective - VAMC-SF (1.5-3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Phiroz Tarapore

*Prerequisite(s):* None

Restrictions: Medical Students in Foundations 2

Activities: Clinical

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), 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 130.03 CIEEx - Neurosurgery Subspecialty (3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Manish Aghi

*Prerequisite(s):* None

Restrictions: Medical Students in Foundations 2

Activities: Clinical

This is a Bridges Curriculum Clinical Immersive Experience (CIEEx), 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 CIEEx, 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 CIEEx - 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 (CIEEx), 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 CIEEx, 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 140.01 Advanced Neurosurgery Clerkship (3-11 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Manish Aghi, Michael Mcdermott  
*Prerequisite(s):* NEURO SURG 140.05, NEUROLOGY 110

*Restrictions:* UCSF does not accept international students for clinical experiences.

*Activities:* Lecture, Clinical

The clinical clerkships allow students considering a residency in neurological surgery to work with our faculty and the current residents in all aspects of the neurosurgery service, as well as interact with faculty in other departments who regularly work with the Department of Neurological Surgery. Students can rotate at all our teaching hospitals.

**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?** No

### **NEURO SURG 140.02A Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Manish 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:** 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 140.02B Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Manish Aghi  
*Prerequisite(s):* NEUROLOGY 110

*Restrictions:* None

*Activities:* Clinical

Neurosurgery clinical clerkships are offered in off-campus hospitals approved by the instructor of record for the course and the dean.

**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?** Yes

### **NEURO SURG 140.05 Clinical Neurosurgery (3 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Manish Aghi  
*Prerequisite(s):* MS3 or MS4 standing.

*Restrictions:* MS3, MS4

*Activities:* Clinical

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

*Instructor(s):* Staff

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

Activities: Fieldwork, Project, Lab science

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)

**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 198 Supervised Study (1-6 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Manish 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?** 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?** Yes