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

_Actions:_ Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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

_Do 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

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

_Actions:_ Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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

_Do 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

NEURO SURG 130.03 CIEx - Neurosurgery Subspeciality (3 Units) Fall, Winter, Spring, Summer

_Instructor(s):_ Manish K. Aghi

_Prerequisite(s):_ None

_Restrictions:_ Medical Students in Foundations 2

_Actions:_ Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

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

_Do 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
NEURO SURG 130.04 ClEx - Pediatric Neurosurgery (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Nalin Gupta
Prerequisite(s): None

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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

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: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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? Yes
Is this an Interprofessional Education (IPE) course? Yes
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: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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

NEURO SURG 140.01 Advanced Neurosurgery Clerkship (3-11 Units) Fall, Winter, Spring, Summer
Instructor(s): Manish K. Aghi, Michael W. McDermott
Prerequisite(s): NEURO SURG 140.05, NEUROLOGY 110

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

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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 that 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? Yes
Is this an Interprofessional Education (IPE) course? Yes
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? 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

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

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? No

NEURO SURG 140.16  Clinical Neurosurgery - Fresno  (6 Units)  Fall, Winter, Spring, Summer
Instructor(s): Yu-Hung Kuo
Prerequisite(s): Surgery 110

Restrictions: N/A

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

Students will be part of the UCSF-Fresno Neurological Surgery team at Community Regional Medical Center Neurosurgery consisting of faculty and physician assistants. Students will participate in all aspects of care for neurosurgical patients and will interact with faculty and PA’s accordingly in the operating room, neurocritical care ICU, inpatient floors and outpatient clinics.

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 150.01  Research in Neurosurgery  (3-24 Units)  Fall, Winter, Spring, Summer
Instructor(s): Staff
Prerequisite(s): Consent of instructor and department.

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

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  (1-9 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: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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