NEUROLOGY 110  Neurology Core Clerkship  (1.5-6 Units)  Fall, Winter, Spring, Summer
Instructor(s): Megan Richie, Alexandra Brown
Prerequisite(s): None.

Restrictions: UCSF 3rd year medical students.
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
Students are assigned patients for study under the supervision of attending and resident staffs. They attend work rounds, attending rounds, clinic, grand rounds, conferences and lecture-seminars, emphasizing diagnosis and management of core clinical problems in neurology. This course is taught in conjunction with the 4-week Psychiatry 110 clerkship, resulting in an 8-week long continuity clinic and a combined psychiatry and neurology conference.

School: Medicine
Department: Neurology
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), In Progress (IP, SP/UP) grading allowed
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

NEUROLOGY 130.01 CIEx - Clinical Behavioral Neurology  (1.5-3 Units)  Fall, Winter, Spring, Summer
Instructor(s): David C. Perry
Prerequisite(s): None.

Restrictions: Medical Students in Foundations 2
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 (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 explore the clinical evaluation and treatment of neurodegenerative disorders. Instruction on dementia subtypes, brain-behavior relationships, cognitive assessment, psychopharmacology and neuropathology will be offered.

School: Medicine
Department: Neurology
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
NEUROLOGY 130.03 CIEx - Adult Outpatient
Neurology (1.5-3 Units) Fall, Winter, Spring, Summer
Instructor(s): Megan Richie
Prerequisite(s): The neurology core clerkship, Neurology 110, is a prerequisite. KLIC and PISCES students are required to have completed at least 50% of their longitudinal curriculum with interim evaluations that are on course for a passing grade in neurology. NEUROLOGY 110
Restrictions: Medical Students in Foundations 2
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 (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 rotate in the neuromuscular, movement disorders, and neuroinflammatory/multiple sclerosis subspecialty clinics under the supervision of a limited number of teaching neurology attendings.

School: Medicine
Department: Neurology
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

NEUROLOGY 130.04 CIEx - Child Neurology Outpatient Apprenticeship (1.5-3 Units) Fall, Winter, Spring, Summer
Instructor(s): Audrey E. Foster-Barber
Prerequisite(s): None
Restrictions: Medical students in Foundations 2
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 (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 work directly with 2-3 core general child neurologists, including attending conferences, reviewing results, meeting with care teams, and seeing patients.

School: Medicine
Department: Neurology
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

NEUROLOGY 130.05 CIEx - Child Neurology Inpatient Elective (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Kendall B Nash
Prerequisite(s): None
Restrictions: Medical students in Foundations 2
Activities: 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. Students will work with the resident and faculty on the main inpatient consult service for child neurology. Students will participate in patient care in the ICU, ward consults, and in the Emergency Room settings.

School: Medicine
Department: Neurology
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
NEUROLOGY 130.06  CIEx - Child Neurology Inpatient Subspecialty Elective  (3 Units) Fall, Winter, Spring, Summer  
Instructor(s): Nilika S Singhal 
Prerequisite(s): None 

Restrictions: Medical students in Foundations 2. 
Activities: 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. Students will spend one week each on subspecialty inpatient teams: Pediatric Epilepsy and Pediatric Neonatal Care. Students will participate in consults and family conferences. 

School: Medicine 
Department: Neurology 
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 

NEUROLOGY 140.02  Off-Campus Clerkship  (1.5-6 Units) Fall, Winter, Spring, Summer 
Instructor(s): Megan Richie 
Prerequisite(s): NEUROLOGY 110 

Restrictions: unk 
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 the chairperson of the department. 

School: Medicine 
Department: Neurology 
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? 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 

NEUROLOGY 140.04  Child Neurology  (6 Units) Fall, Winter, Spring, Summer 
Instructor(s): Audrey E. Foster-Barber 
Prerequisite(s): Pediatrics 110, Medicine 110, and Neurology 110. 

Restrictions: none 
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects 

Students serve as acting interns on the inpatient service. Attendance at departmental clinical rounds, seminars and conferences is required. 

School: Medicine 
Department: Neurology 
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? Yes 
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
NEUROLOGY 140.07 Advanced Clinical Neurology - Fresno (6 Units) Fall, Winter, Spring, Summer

Instructor(s): Loren I Alving
Prerequisite(s): Neurology 110

Restrictions: UCSF medical students

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

Students will serve as acting interns on the neurology consultation service. Duties will include the evaluation of newly hospitalized patients with neurological diseases as well as participating in the neurology clinics. Opportunities exist for more detailed learning about neuro- oncology, movement disorders and cerebrovascular diseases.

School: Medicine
Department: Neurology

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

NEUROLOGY 140.10 Advanced Neurocritical Care and Emergency Neurology - ZSFG (6 Units) Fall, Winter, Spring, Summer

Instructor(s): Alexandra Brown
Prerequisite(s): Neurology 110 and fourth-year standing

Restrictions: None

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

Students will spend a total of 4 weeks at SFGH, San Francisco’s only trauma center, where they will develop advanced neurological skills in the care of emergent neurological patients through triage, evaluation, and neurocritical care management. Students spend two weeks on the neurology consultation service under the supervision of the consultation resident and attending neurologist. The other two weeks are spent caring for patients in the neurocritical care unit with the neuro-ICU team.

School: Medicine
Department: Neurology

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

NEUROLOGY 140.12 Neurocritical Care (6 Units) Fall, Winter, Spring, Summer

Instructor(s): Nerissa U Ko, Wade S. Smith
Prerequisite(s): Fourth-year standing. Neurology 110. Consent of instructor.

Restrictions: Limited to 1 student per block.

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

This advanced clerkship concentrates on the fundamentals of critical care with an emphasis placed on neurological illness. Essential skills and concepts related to the management of critically-ill neurological/neurosurgical patients will be introduced during lectures, conferences, daily rounds and night-calls.

School: Medicine
Department: Neurology

May the student choose the instructor for this course? Yes
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? 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

NEUROLOGY 140.13 Clinical Behavioral Neurology (6 Units) Fall, Winter, Spring, Summer

Instructor(s): David C. Perry, Bruce L Miller, Howie Rosen, Katherine P Rankin, Mary De May, Michael D Geschwind, Bill Seeley
Prerequisite(s): Neurology 110

Restrictions: 3rd or 4th year student in good academic standing

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

The Neurobehavioral rotation will explore brain-behavior relationships in neurodegenerative disorders. Instruction on dementia subtypes, cognitive assessment, psychopharmacology, and neuropathology will be offered. To apply this knowledge, students will participate in multi-disciplinary clinics, during which they will observe and perform neurobehavioral histories and examinations. Clinicians will provide feedback and guidance, supplementing differential diagnoses and plans for intervention.

School: Medicine
Department: Neurology

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? 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? Yes
NEUROLOGY 140.14 Neurocritical Care - Fresno (6 Units) Fall, Winter, Spring, Summer
_Instructor(s): Arash Afshinnik, Alan E Long_
_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

Students will spend a total of 4 weeks with the neurocritical care team at Fresno’s Community Regional Medical Center, where they will develop advanced neurological skills in the care of emergent neurological patients through triage, evaluation, and neurocritical care management. CRMC serves a large and diverse population base, with varied neurologic pathology.

School: Medicine
Department: Neurology
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

NEUROLOGY 140.16 Advanced Outpatient Neurology Elective (2-3 Units) Fall, Winter, Spring, Summer
_Instructor(s): Megan Richie_
_Prerequisite(s): Neurology 110

Restrictions: This course is not available every block and all enrollments should be pursued directly through Dr. Richie.

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

Students spend two weeks rotating through a variety of outpatient neurologic subspecialties. This course serves to provide outpatient neurology exposure but does not substitute for a neurology sub-internship for those applying in neurology.

School: Medicine
Department: Neurology
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

NEUROLOGY 140.17 Dementia in the Outpatient Setting - Fresno (3-6 Units) Fall, Winter, Spring, Summer
_Instructor(s): Loren I Alving_
_Prerequisite(s): Neurology 110 and/or 4th year standing

Restrictions: None

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

This is a 2 or 4 week elective at the UCSF Fresno Alzheimer & Memory Center for 4th year medical students. Students will spend time seeing patients at the Alzheimer Center and will participate in our multidisciplinary team meetings. Other experiences may include a home visit, elder abuse conference involving local social workers and law enforcement. A short project is required during rotation.

School: Medicine
Department: Neurology
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

NEUROLOGY 140.18 Memory & Aging Center Remote Neurobehavioral Rotation (6 Units) Fall, Winter, Spring, Summer
_Instructor(s): David C. Perry_
_Prerequisite(s): Successful completion of a general Neurology course recommended

Restrictions: 4th Year visiting students in Good Academic Standing

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

The Remote Neurobehavioral rotation explores brain-behavior relationships in neurodegenerative disorders. Students will participate in a didactic series that includes instruction on dementia subtypes, cognitive assessment, evaluation and treatment of neurodegenerative diseases. To apply this knowledge, students will remotely participate in multiple-disciplinary clinics, during which they will observe and perform neurobehavioral histories and examinations. This course is for visiting students.

School: Medicine
Department: Neurology
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? Yes
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
NEUROLOGY 150.01  Research in Neurology  (3-24 Units)  Fall, Winter, Spring, Summer
Instructor(s): Megan Richie
Prerequisite(s): Consent of faculty member in charge of student’s research project and approval of third and fourth year coordinator.

Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
Opportunities for clinical or laboratory research under the guidance of department faculty.

School: Medicine
Department: Neurology
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? 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

NEUROLOGY 170.10  Training the Mind  (1 Units)  Fall
Instructor(s): Daniel H Lowenstein
Prerequisite(s): None.

Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
This course was developed as a way to integrate mind-body medicine content into the BMB block for second year medical students. The overall objective of this elective is to provide students with an overview of practices that have been shown to enhance the abilities of the normal, healthy mind, with an emphasis on meditation.

School: Medicine
Department: Neurology
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

NEUROLOGY 170.30  Intro to Neuro Subspecialties  (1 Units)  Fall
Instructor(s): Alexandra B Nelson
Prerequisite(s): None

Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
This course is intended for medical students interested in Neuroscience-related subspecialties, including Neurology, Neurosurgery, Neuropathology, Neuroradiology, and Psychiatry. Through weekly lectures by different physicians and physician-scientists, it will provide an overview of clinical and research opportunities in each presented field. There will be emphasis on evaluation and treatment of patients, relevant research, training/residency, subspecialty fellowships, and career development.

School: Medicine
Department: Neurology
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? Yes

NEUROLOGY 198  Supervised Study  (1-6 Units)  Fall, Winter, Spring, Summer
Instructor(s): Staff
Prerequisite(s): Consent of instructor.

Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
Library research and directed reading under supervision of a member of the faculty with the approval of the chairperson of the department.

School: Medicine
Department: Neurology
May the student choose the instructor for this course? Yes
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