

# NEUROLOGY (NEUROLOGY)

## 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:* Seminar, Clinical

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 CIEEx - Clinical Behavioral Neurology (1.5-3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* David Perry  
*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 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

**Repeat course for credit?** No

## NEUROLOGY 130.03 CIEEx - 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:* 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 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

**Repeat course for credit?** No

## NEUROLOGY 130.04 CIEEx - Child Neurology Outpatient Apprenticeship (3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Audrey Foster-Barber  
*Prerequisite(s):* Either Neuro 110 or Peds 110

*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 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

**Repeat course for credit?** No

**NEUROLOGY 130.05 CIEEx - Child Neurology Inpatient Elective (3 Units) Fall, Winter, Spring, Summer***Instructor(s):* Audrey Foster-Barber

Prerequisite(s): Neuro 110 or Peds 110

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 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**Repeat course for credit?** No**NEUROLOGY 130.06 CIEEx - Child Neurology Inpatient Subspecialty Elective (3 Units) Fall, Winter, Spring, Summer***Instructor(s):* Audrey Foster-Barber

Prerequisite(s): Neuro 110 or Peds 110

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 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**Repeat course for credit?** No**NEUROLOGY 140.01A Advanced Clinical Clerkship (6 Units) Fall, Winter, Spring, Summer***Instructor(s):* Vanja Douglas

Prerequisite(s): Neurology 110 and fourth year standing, or Neurology 110 and completion of core clerkships in Medicine, Surgery and Pediatrics.

Restrictions: 4th year Medical students

Activities: Clinical

Students will spend 4 weeks as acting interns on the neurohospitalist service at UCSF Health. Two weeks is spent on the consult service and two weeks on the primary ward service. The neurohospitalist service is a tertiary care referral service that serves the Bay Area, Northern and Central California. There will be exposure to a wide variety of neurologically affected patients in and out of the intensive care unit. 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?** No**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** No**Repeat course for credit?** No**NEUROLOGY 140.02A Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer***Instructor(s):* Megan Richie

Prerequisite(s): NEUROLOGY 110

Restrictions: Instructor approval required

Activities: Clinical

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:** 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

### NEUROLOGY 140.02B Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Megan Richie  
*Prerequisite(s):* Neurology 110

Restrictions: Instructor approval required

Activities: Clinical

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:** 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

### NEUROLOGY 140.04 Child Neurology (6 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Audrey Foster-Barber  
*Prerequisite(s):* Pediatrics 110, Medicine 110, and Neurology 110.

Restrictions: none

Activities: Clinical

Participation in child neurology activities, both inpatient and outpatient, and all regularly scheduled conferences of the Child Neurology Division. Study of the developing nervous system and diseases of the nervous system affecting infants, children and adolescents.

**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

**Repeat course for credit?** No

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

*Instructor(s):* Douglas Pet, Vanja Douglas  
*Prerequisite(s):* Neurology 110 and fourth-year standing

Restrictions: ONLY UCSF Students, no visiting students

Activities: Clinical

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

**Repeat course for credit?** No

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

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

Restrictions: Limited to 1 student per block.

Activities: Clinical

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?** 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

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

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

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

Activities: Clinical

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?** 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

### **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: Clinical

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

**Repeat course for credit?** No

### **NEUROLOGY 140.17 Dementia in the Outpatient Setting - Fresno (3-6 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* Loren Alving  
*Prerequisite(s):* Neurology 110 and/or 4th year standing.

Restrictions: None

Activities: Clinical, Project

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

**Repeat course for credit?** No

### **NEUROLOGY 140.18 Memory & Aging Center Remote Neurobehavioral Rotation (6 Units) Fall, Winter, Spring, Summer**

*Instructor(s):* David Perry  
*Prerequisite(s):* Successful completion of a general Neurology course recommended

Restrictions: 4th Year visiting students in Good Academic Standing

Activities: Clinical

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?** 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

### NEUROLOGY 140.19 Sleep Medicine (3 Units) Fall, Winter, Spring, Summer

*Instructor(s):* Liza Ashbrook

*Prerequisite(s):* Students in Career Launch in good academic standing

*Restrictions:* None

*Activities:* Lecture, Clinical

Sleep medicine is an interdisciplinary field bringing together medicine, pediatrics, psychiatry, neurology, ENT, and OMFS. Students will have the opportunity to see a range of patients and learn about evaluation and treatment of sleep complaints. Regardless of which field of medicine students pursue, sleep impacts all patients. Poor sleep has a huge range of negative health outcomes. Students will learn to understand sleep disorders so they will not miss these critical treatment opportunities.

**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

**Repeat course for credit?** 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:* Fieldwork, Project, Lab science

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?** 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 170.10 Training the Mind (1 Units) Fall

*Instructor(s):* Daniel Lowenstein

*Prerequisite(s):* None.

*Restrictions:* None

*Activities:* Lecture

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?** Yes

**Repeat course for credit?** No

### NEUROLOGY 170.11 Exploring Pediatric Neurology (1 Units) Fall, Spring

*Instructor(s):* Sharon Wietstock

*Prerequisite(s):* None

*Restrictions:* None

*Activities:* Lecture

This elective will explore varying topics in Pediatric Neurology by inviting professionals to speak about their careers with the intention of teaching students about career paths in Pediatric Neurology, highlighting interesting work relevant to the field completed by members of the UCSF community and exposing students to the varying types of patients and conditions that they may encounter while working as a Pediatric Neurologist.

**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

**Repeat course for credit?** No

## **NEUROLOGY 170.30 Intro to Neuro Subspecialties (1 Units) Fall**

*Instructor(s):* Alexandra Nelson

*Prerequisite(s):* None

*Restrictions:* None

*Activities:* Lecture

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?** No

**Repeat course for credit?** No

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

*Instructor(s):* Staff

*Prerequisite(s):* Consent of instructor.

*Restrictions:* None

*Activities:* Independent Study, Project

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

**Repeat course for credit?** Yes