PEDIATRICS 110  Pediatric Core Clerkship  (2-9 Units)  Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Third-year standing.
Restrictions: UCSF medical students only.
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
Students will develop a durable framework for evaluating the health of children in all settings: ambulatory (both wellness and common illnesses), inpatient and newborn nursery. Students are expected to be an integral part of each team and be responsible for evaluating pediatric patients - not only taking histories and performing physical exams, but challenging themselves to interpret these findings, create differential diagnoses, and formulate diagnostic and therapeutic plans.

PEDIATRICS 130.01  CIEx - Pediatric Intensive Care  (1.5-3 Units)  Fall, Winter, Spring, Summer
Instructor(s): Duncan M Henry, Sara M Buckelew
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 enrolled in this inpatient medicine immersion experience will be part of a pediatric intensive care team (day or night shifts) and will be have the opportunity to evaluate and treat a wide variety of medical and surgical patients.

PEDIATRICS 130.02  CIEx - Pediatric Gastroenterology  (3 Units)  Fall, Winter, Spring, Summer
Instructor(s): Sofia G Verstraete, Sara M Buckelew
Prerequisite(s): None
Restrictions: Medical Students in F2
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. The Pediatric Gastroenterology, Hepatology, and Nutrition Integrative Elective will maximize the student’s one on one time with experts in the field. Student will learn basic management of common GI diseases in a variety of clinical settings.
PEDIATRICS 130.03 CIEx - Pediatric Hematology/Oncology (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Michelle L. Hermiston
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 attend oncology ward teaching sessions each morning, followed by oncology work rounds. Students will observe outpatient clinics in the afternoons including: oncology, hematology, neuro-oncology, radiation therapy, and survivorship.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 130.04 CIEx - Intro to Clinical Pediatric Allergy & Immunology (1.5-3 Units) Fall, Winter, Spring, Summer
Instructor(s): Morna J Dorsey
Prerequisite(s): Successful completion of Pediatrics 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. This rotation will include a mix of inpatient and outpatient experiences to provide students exposure to common, as well as some rare, allergy and immunology diseases in the pediatric patient population.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 130.13 CIEx - Peds Pulmonology - Fresno (3.5 Units) Fall, Winter, Spring, Summer
Instructor(s): Paul C Do
Prerequisite(s): n/a

Restrictions: Must be a 3rd or 4th year medical student.

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 provides medical students in Foundations 2 opportunities to broaden and enhance their professional development in healthcare settings different from those of their core clerkships. Students will work directly with the attending physician in both the inpatient and outpatient setting to learn how to act as a consultant under the supervision of a pediatric pulmonologist to understand pediatric pulmonologic disorders.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 130.14 CIEx - Peds NICU - Fresno (4 Units) Fall, Winter, Spring, Summer
Instructor(s): Alok Kumar
Prerequisite(s): n/a

Restrictions: Must be a F2/3rd yr students.

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 provides medical students in Foundations 2 opportunities to broaden and enhance their professional development in healthcare settings different from those of their core clerkships. Students will spend two weeks working in an interdisciplinary team with residents, nurses, and pharmacists supervised by an attending neonatologist in the neonatal intensive care unit.

School: Medicine
Department: Pediatrics

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
PEDIATRICS 140.01B Ambulatory Pediatrics (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110
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 function as interns in the busy Acute Care Clinic (6M) of the Children's Health Center at ZSFG. Students will gain skills in the assessment and management of a wide range of common acute pediatric complaints in a high risk patient population while working with an interdisciplinary care team. Students will also participate in all teaching conferences and present one case in a teaching conference for the rest of pediatric trainees.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.01C Inpatient Pediatrics Subinternship - UCSF Oakland (6 Units) Fall, Winter, Spring, Summer
Instructor(s): April J Zaat
Prerequisite(s): Pediatrics 110 Medicine 110
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

Students help manage patients with a wide variety of diagnoses, ranging from common general pediatric conditions to very rare and complicated multisystem disorders.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.01D Emergency Department Pediatrics Subinternship - UCSF Oakland (6 Units) Fall, Winter, Spring, Summer
Instructor(s): April J Zaat
Prerequisite(s): Pediatrics 110, Medicine 110
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

We operate a busy Level 1 pediatric trauma emergency room, with a broad variety of diagnoses, ranging from common general pediatric conditions to very rare and complicated multisystem disorders. In the heart of our urban underserved community, the BCHO emergency room cares for a wide range of acuity from full traumas brought in by air transport to urgent care complaints. Every shift is different! You will work alongside our own residents as well as a team of visiting residents.

School: Medicine
Department: Pediatrics
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? Yes

PEDIATRICS 140.01J Intensive Care Nursery (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110, and consent of instructor.
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

Neonatology is the specialty of newborn intensive care which provides oversight of medical and surgical care for sick babies in the setting of the neonatal intensive care unit (NICU), aka: intensive care nursery (ICN). This rotation is based entirely at the UCSF William H. Tooley Intensive Care Nursery, which is a 58 bed full service, level III/IV tertiary care referral center with over 1000 admissions per year. Many admissions are prenatally diagnosed and followed through the UCSF High Risk OB

School: Medicine
Department: Pediatrics
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
PEDIATRICS 140.01K Neonatology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students develop skills in assessment of newborns in the setting of a high risk patient population. The experience involves care of patients ranging from the healthy term newborn to the infant requiring intensive supportive care. Students will play an active role in the diagnosis and management of these patients and be instructed in the recognition and treatment of common disorders affecting newborns.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 140.01M Pediatric Critical Care (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students follow selected patients in the Pediatric Intensive Care Unit and participate in patient presentations, management conferences, and teaching rounds. Emphasis is on cardiovascular and pulmonary physiology in management of critically ill pediatric patients. Students become familiar with relevant literature concerning problems of patients being followed.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 140.01N Advanced Inpatient Pediatrics (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Pediatrics 110, Medicine 110

Restrictions: None

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

Clerkship provides exposure to typical pediatric inpatients at a quaternary care children’s hospital in a setting where the student assumes primary responsibility for initial evaluations, diagnostic procedures and ongoing management of patients. Students are assigned patients and are expected to follow them from admission, including initial history, physical exam and work up through to discharge. Students should be fully integrated into the team.

School: Medicine
Department: Pediatrics

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
Repeat course for credit? Yes

PEDIATRICS 140.02 Off-Campus Clerkship (3-6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: 4th year medical students

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

Clinical clerkship in off-campus hospitals approved by the chairperson of the department and the dean.

School: Medicine
Department: Pediatrics

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
Repeat course for credit? Yes
PEDIATRICS 140.03 Outpatient Pediatrics (6-12 Units) Fall, Winter, Spring, Summer
Instructor(s): Christian E Faulkenberry-Miranda
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: Good Academic Standing

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

Experience caring for sick and well children with 27,000 patient visits/year. Preventive medicine and anticipatory guidance along with principles of growth and development. All activities will be closely supervised by either senior residents or faculty. Daily morning conferences, chart rounds, assigned readings.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 140.04 Pediatric Cardiology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

This course will provide students with exposure to a full range of congenital and acquired heart disease from infants to young adults. The main objective of the rotation is to provide a basic understanding of pathophysiology, diagnosis, and management of common and critical types of congenital heart disease. The 4-week elective is divided between inpatient and outpatient experiences to provide a wide range of exposure.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 140.06 Pediatric Critical Care Subinternship - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Thianchai Bunnalai, Renee A. Kinman
Prerequisite(s): Satisfactory completion of Medicine and Pediatric Core rotations.

Restrictions: 4th year medical student.

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

Students will function as an “acting intern” in a 10 bed PICU caring for critically ill infants and children. Teaching will be provided on a continuous basis. While on this service, students will take a post-exam, follow curriculum, present patient cases daily and give a formal oral presentation at the end of the course.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 140.08A Pediatric Medical Summer Camp Experience - Fresno (3 Units) Summer
Instructor(s): William T Brox
Prerequisite(s): Pediatrics 110 core clerkship

Restrictions: N/A

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

Students will work as part of a team of faculty and medical staff at a boy scouts summer camp at Camp Chawanakee at Shaver Lake which is approximately 50 miles east of the city of Fresno. Student will be expected to assist and complete assigned duties. Students may participate in the care of children and adolescent youths to treat minor scrapes, sprains and exposures. Time will be spent teaching campers about safety and wilderness medicine including basic life support techniques.

School: Medicine
Department: Pediatrics

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
PEDIATRICS 140.09 Ambulatory Outpatient Pediatrics - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Erica Mariel Gastelum, Christian E Faulkenberry-Miranda
Prerequisite(s): PEDIATRICS 110

Restrictions: None.

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

This course will have the medical student working with residents and supervised by attending physicians in the pediatric outpatient setting to learn how to manage common outpatient presentations. The student will primarily be in the urgent care setting at our clinic but will also be exposed to newborn visits, well child care and some subspecialist clinics.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.13 Pediatric Endocrinology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students participate in the clinical and investigative aspects of endocrine and metabolic problems in children, spending time on inpatient services, outpatient clinics and possibly the laboratory.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.15 Pediatric Oncology Sub I (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students participate in the management of INPATIENTS ONLY with solid tumors and leukemia, at time of initial diagnostic evaluation and ongoing therapy. There may be inpatient consultations and procedures (bone marrow aspiration and biopsies, lumbar puncture with intrathecal therapy). Ward rounds are held daily with the entire team.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.16 Pediatric Nephrology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

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 be involved in key clinical activities and will learn about both chronic and acute renal issues in children such as nutritional problems (requiring TPN for instance), end stage renal disease and chronic renal failure (including post-transplant and dialysis patients).

School: Medicine
Department: Pediatrics
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
PEDIATRICS 140.17 Pediatric Genetics (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students participate in the clinical and investigative aspects of birth defects and genetic disorders in children and families, spending time on inpatient services, clinics and possibly the laboratory.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.21 Pediatric Pulmonary (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students participate in pulmonary consultations (initial and follow-up) in the acute care and intensive care units and in the general pulmonary and cystic fibrosis clinics.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.23 Pediatric Pulmonology - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Paul C Do
Prerequisite(s): Medicine 110, Pediatrics 110

Restrictions: None

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

Students participate in pulmonary consultations (initial and follow-up) in the acute care and intensive care units and in the general pulmonary and cystic fibrosis clinics.

School: Medicine
Department: Pediatrics
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
PEDIATRICS 140.24 Pediatric Infectious Disease - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Chokchhai Rongkavilit
Prerequisite(s): Medicine 110, Pediatrics 110
Restrictions: none
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
Students learn the principles of diagnosis and the management of common infectious conditions; infectious complications in the immunocompromised host, neonatal infections, interpretation of microbiologic data, indications and interpretations of special studies, and utilization of the microbiology laboratory.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.30 Gastroenterology & Nutrition (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110
Restrictions: none
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
Students become familiar with the diagnosis and management of gastroenterological and hepatic diseases in infants and children. Experience is gained in the nutritional problems and therapy of pediatric patients.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.31 Inpatient Pediatric Clerkship - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Erica Mariel Gastelum, Christian E Faulkenberry-Miranda
Prerequisite(s): Must have completed and passed Medicine 110 and Pediatrics 110
Restrictions: Must have completed and passed Medicine 110 and Pediatrics 110
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
This course takes place at Community Regional Medical Center at UCSF Fresno on the Inpatient Pediatric Service. The patient population is primarily Medi-Cal patients, in a rural undeserved area. It provides the opportunity to develop and perfect skills in history-taking, physical examination, case write-ups, presentations, and procedures. Supervised problem-oriented learning/teaching environment fosters basic diagnostic and management skills.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.33 Pediatric Rheumatology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
Students learn to evaluate and care for children with rheumatologic disorders. This course emphasizes performing the musculoskeletal exam, understanding diagnostic testing in rheumatology, developing a differential diagnosis for children presenting with inflammatory symptoms and/or pain, and approach to the care of children with chronic disease. Students will also be exposed to ongoing clinical research studies in pediatric rheumatology

School: Medicine
Department: Pediatrics
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
PEDIATRICS 140.34 Pediatric Medical Genetics - Fresno (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Cynthia R. Curry
Prerequisite(s): 4th-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

Experience will be gained in medical genetics, including dysmorphology, biomedical genetics and prenatal diagnosis. Rotation will provide general exposure to all these areas and give a basic understanding of methods used to reach specific genetic diagnoses and exact prenatal detection course for future pregnancies.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.35 Pediatric Infectious Disease (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Pediatrics 110, Medicine 110

Restrictions: None

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

Students learn the principles of diagnosis and the management of common infectious conditions; infectious complications in the immunocompromised host; neonatal infections; interpretation of microbiological data; indications and interpretations of special studies; and utilization of the microbiology laboratory.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.36 Allergy & Immunology (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

Students learn to evaluate and care for children with primary immunodeficiency diseases and allergic diseases. This course emphasizes: -the ontogeny of the immune response as it relates to immunodeficiency and allergies--immunologic dysregulation involved in the pathogenesis of more common and rare disorders--laboratory studies required for diagnosis--the care of children with chronic (immunologic and allergic) diseases.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 140.37 Adolescent Medicine (6 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110

Restrictions: None

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

This clinical rotation is on an outpatient/inpatient adolescent medicine service. Clinical experience includes service in a primary/subspecialty care adolescent outpatient clinic and on an adolescent consult and eating disorder inpatient medical service.

School: Medicine
Department: Pediatrics
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
PEDIATRICS 140.41 Pediatric Neonatology (NICU) - Fresno (6-9 Units) Fall, Winter, Spring, Summer

Instructor(s): Krish B Rajani, Erica Mariel Gastelum
Prerequisite(s): Completion of Medicine 110 and Pediatrics 110.

Restrictions: 4th year medical student.

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

Community Regional Medical Center serves a delivery service of approximately 8,000 deliveries per year. Students will be integral members of the NICU team and will manage neonatal patients. This will include attending deliveries, participating in neonatal resuscitations, admitting newborns to the NICU, writing up H&Ps, writing orders and performing procedures.

School: Medicine
Department: Pediatrics

PEDIATRICS 140.45 Pediatric Bone Marrow Transplant (6 Units) Fall, Winter, Spring, Summer

Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110.

Restrictions: none

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

Student will function as an integral part of the Bone Marrow Transplant (BMT) team. Student will acquire a body of knowledge specific to bone marrow transplantation, gain experience in doing common procedures and in communication with children and families about their condition.

School: Medicine
Department: Pediatrics

PEDIATRICS 140.43 Pediatric Gastroenterology & Nutrition - Fresno (3-6 Units) Fall, Winter, Spring, Summer

Instructor(s): Michael A Haight
Prerequisite(s): Pediatrics 110.

Restrictions: None

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

In the office setting students are exposed to common pediatric conditions including chronic abdominal pain, gastroesophageal reflux, acute and chronic diarrhea, constipation, encopresis, failure to thrive, jaundice and nutrition. On the inpatient service, students will follow more complex patients.

School: Medicine
Department: Pediatrics

PEDIATRICS 140.49 Pediatric Endocrinology - Fresno (6 Units) Fall, Winter, Spring, Summer

Instructor(s): Renee A. Kinman, Swati G. Banerjee
Prerequisite(s): Successful completion of Core rotations in Pediatrics.

Restrictions: 3rd and 4th year medical students.

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

Provides comprehensive exposure to clinical pediatric endocrinology: presentation, diagnosis, & management of both common/uncommon endocrinologic problems. Specific topics include diabetes, hypothyroidism, hypothyroidism, thyroid nodules, growth issues, precocious and delayed puberty, pituitary/hypothalamic abnormalities, hypocalcemia, hypoglycemia, vitamin D deficiency and/or rickets, adrenal abnormalities (such as congenital adrenal hyperplasia), Turner syndrome, and menstrual abnormal.

School: Medicine
Department: Pediatrics

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
PEDIATRICS 140.51A Pediatric Pulmonology - Fresno (3 Units) Fall, Winter, Spring, Summer
Instructor(s): Paul C Do, John Moua
Prerequisite(s): Pediatrics 110

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

Understand the development of airway anatomy and lungs in children, recognition of respiratory illness, acute and chronic, review basic pulmonary physiology and pathophysiology and understand basic treatment modalities and basic science background for each treatment.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 150.04 Research in Pediatrics (6-18 Units) Fall, Winter, Spring, Summer
Instructor(s): Sara M Buckelew
Prerequisite(s): Medicine 110 and Pediatrics 110. 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, Lab skills, Lab science, Conference, Discussion

Student research projects under guidance of faculty members. Programs must be approved by instructors. Students may initiate or continue research programs under supervision of faculty members.

School: Medicine
Department: Pediatrics
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

PEDIATRICS 170.01A Special Issues in Health Care (1-2 Units) Fall, Winter, Spring
Instructor(s): Sara M Buckelew
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

Lectures by pediatric specialists on important diseases treatments, and scientific advances in their fields. Optional site visits (3-4 hours each) to UCSF facilities (e.g. bone marrow transplant unit, NICU) to expose students to different facets of pediatric specialty care.

School: Medicine
Department: Pediatrics
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: Yes
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

PEDIATRICS 170.01B Special Issues in Health Care (1-2 Units) Fall, Winter, Spring
Instructor(s): Sara M Buckelew
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

Lectures by pediatric specialists on important diseases treatments, and scientific advances in their fields. Optional site visits (3-4 hours each) to UCSF facilities (e.g. bone marrow transplant unit, NICU) to expose students to different facets of pediatric specialty care.

School: Medicine
Department: Pediatrics
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: Yes
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
PEDIATRICS 170.01C Special Issues in Health Care (1-2 Units) Fall, Winter, Spring

Instructor(s): Sara M Buckelew
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

Lectures by pediatric specialists on important diseases, treatments, and scientific advances in their fields. Optional site visits (3-4 hours each) to UCSF facilities (e.g., bone marrow transplant unit, NICU) to expose students to different facets of pediatrics specialty care.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 180.01C Adolescent Development (2 Units) Winter

Instructor(s): Charles E. Irwin, Cherrie B. Boyer
Prerequisite(s): No prerequisites are required.

Restrictions: None

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

This is a two-quarter course covering psychosocial factors related to adolescent health (e.g., peer influences, family, school), specific adolescent health topics (e.g., substance use, eating disorders, mental and reproductive health), and health policy focusing on issues related to confidentiality and principles of adolescent health policy.

School: Medicine
Department: Pediatrics

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

PEDIATRICS 180.01B Adolescent Development (2 Units) Fall

Instructor(s): Charles E. Irwin, Cherrie B. Boyer
Prerequisite(s): No prerequisites are required.

Restrictions: None

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

This Fall quarter of Pediatrics 180.01 will continue cover topics of physiological psychological, cognitive and social development of adolescents.

School: Medicine
Department: Pediatrics

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

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

Instructor(s): Sara M Buckelew
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: Pediatrics

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