

Combined Medical Genetics and Genomics- Pediatrics Curricular Requirements

This document enumerates the **minimum** curricular requirements for combined ACGME-accredited programs in medical genetics and genomics and pediatrics, as approved by the American Board of Medical Genetics and Genomics (ABMGG), American Board of Pediatrics (ABP), and American Osteopathic Board of Pediatrics (AOBP). This information was collated from the certifying boards on June 25, 2025 and will be updated as needed.

1. Total duration:
 - a) Four years (48 months) of education and training in combined medical genetics and genomics-pediatrics
 - b) Additional time outside of the minimum requirements must be customized per the mission of the program and the individual needs of each resident
 - c) The first year of the program must be spent in direct patient care of pediatric patients
2. Medical genetics and genomics:
 - a) 24 months of broad-based, clinically oriented medical genetics and genomics experiences as described in the ACGME Program Requirements for Graduate Medical Education in Medical Genetics and Genomics
 - i. Six months must be spent in the evaluation, treatment, and care of pediatric-aged populations
 - ii. Must include experiences with prenatal, pediatric, adult, and oncology patients (describe in block diagram notes if not evident)
 - iii. Metabolic patients must include inpatient and outpatient care (describe in block diagram notes)
 - iv. Two weeks each (six weeks total) in laboratories for clinical biochemical genetics, clinical cytogenetics and genomics, and clinical molecular genetics and genomics, as described in the ACGME Program Requirements for Graduate Medical Education in Medical Genetics and Genomics
 - v. Six months of an individual curriculum in the remaining two years, with the oversight of the program director, focused on genetics education and the individual needs of each resident
 - b) Continuity medical genetics and genomics clinic over 24 months (describe in block diagram notes)
3. Pediatrics:
 - a) Newborn nursery: four weeks

- b) Adolescent medicine: four weeks
- c) Developmental-behavioral pediatrics: four weeks
- d) Emergency medicine and acute illness: 12 weeks, eight of which must occur in an emergency department
- e) Mental health: four weeks
- f) Intensive care unit (ICU):
 - i. Four weeks neonatal intensive care unit (NICU)
 - ii. Four weeks pediatric intensive care unit (PICU)
 - iii. Four additional weeks of NICU or PICU
- g) Outpatient pediatric subspecialties: four weeks (composed of at least two subspecialties)
- h) Inpatient pediatrics: 24 weeks
 - i. 16 weeks of general pediatrics or pediatric hospital medicine service
- i) Subspecialty electives: 16 weeks
 - i. Medical genetics and genomics rotations should not be utilized to fulfill the subspecialty requirements
- j) General ambulatory pediatric clinic: eight weeks in addition to the longitudinal clinic requirement and must be a broad experience
- k) Individualized pediatrics curriculum: four weeks
- l) Supervisory experiences: 12 weeks
 - i. Must be scheduled during the final 24 months of the program
 - ii. Eight weeks on general pediatrics/pediatric hospital medicine service
- m) Longitudinal clinic: 36 half days of primary ambulatory longitudinal clinic
 - i. Interval between these sessions should not exceed eight weeks