

Bone Densitometry, or Dual-Energy X-ray Absorptiometry (DEXA or DXA)



Bone Densitometry (Certificate)

Program Overview

Bone Densitometry, or Dual-Energy X-ray Absorptiometry (DEXA or DXA), is a diagnostic imaging study used to measure bone density as a means of diagnosing osteoporosis or osteopenia and determining the risk of fracture. As a person ages they can experience bone loss, putting them at risk of developing osteoporosis. DEXA exams utilize a dual energy x-ray beam (one high and one low energy) which is passed through the body, generally the spine or hip. An analysis of bone density/bone mineral loss is then analyzed to determine the risk of fracture. After successful completion of the program, students will be eligible to sit for the California Limited Permit in X-ray Technician Dual Energy X-ray Absorptiometry (DEXA) exam administered by the American Registry of Radiologic Technologists (ARRT).

To complete the bone densitometry program, students must successfully complete DEXA A, DEXA BL, & DEXA C courses within two months of program start date (per Title 17 ADC § 30426).

Program Accreditation and/or Approvals

KPSAHS is a recognized provider of education in Dual X-ray Energy Absorptiometry (DEXA) by the California Department of Public Health (CDPH) – Radiologic Health Branch (cdph.ca.gov/rhb).

Bone Densitometry (DEXA) Duties

The duties and responsibilities of a bone densitometry (DEXA) technician focus on measuring bone density and bone health in patients. In this role, specialized radiographic equipment is used to measure bone density and check for conditions, such as osteopenia and osteoporosis. DEXA technicians work together with the patient, position them during the scan, and record the results for the relevant physician or other medical professionals.

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Admissions Requirements

All admissions requirements and prerequisite course requirements must be completed prior to applying to the program.

- Be 18 years of age or older.
- Possess a high school diploma or pass a high school equivalency examination approved by the California Department of Education (<https://www.cde.ca.gov/ta/tg/gd/>). **Higher-level degrees (e.g., AS, BA, MBA, etc.) cannot be substituted for a high school diploma.**
- Hold a valid CPR card or e-card issued by the American Heart Association, Basic Life Support (AHA BLS) CPR & AED Training for Healthcare Professionals.
- Achieve a Wonderlic Scholastic Level Exam (SLE) score of 15 or higher as administered by KPSAHS.
- Provide proof of full vaccination against Covid-19.

Please consult the KPSAHS Academic Catalog at www.kpsahs.edu for detailed information and updates.

Note: All foreign diplomas and transcripts must include a notarized translation in English and must be evaluated by an approved NACES foreign transcript agency prior to submission.

The Kaiser Permanente School of Allied Health Sciences is accredited by the WASC Senior College and University Commission (WSCUC).

Tuition and Fees

Please visit KPSAHS.edu for current tuition information.