

WAC 196-12-047 Structural licensing requirements. The branch of structural engineering requires specialized work experience to protect the public health, safety, and welfare. To be licensed as a structural engineer, an applicant must:

- (1) Be licensed as a professional engineer in Washington state;
- (2) Have at least two years of progressive responsibility in structural engineering experience in addition to the eight years of engineering experience required to be registered as a professional engineer. The structural experience should:
 - (a) Demonstrate the applicant's ability to design building structures or nonbuilding structures integrated within "significant structures" as defined in RCW 18.43.020(11) and located in International Building Code (IBC) Seismic Design Category D or above;
 - (b) Be progressive in difficulty and magnitude;
 - (c) Demonstrate breadth and depth of seismic design subject matter;
 - (d) Incorporate two of the four common construction materials (steel, concrete, wood, and masonry);
 - (e) Reflect ability to design and apply structural engineering principles that show sound judgment on projects involving public health, safety, and welfare;
 - (f) Be supervised by a licensed professional engineer in the branch of structural engineering or a licensed professional engineer with substantial structural engineering work experience; and
- (3) Pass a board approved structural exam.

[Statutory Authority: RCW 18.43.035. WSR 18-10-085, § 196-12-047, filed 5/1/18, effective 6/1/18.]