A doctoral programme was established in the Faculty of Engineering and Architecture on the 1st of August 2009. With the President's decision on the 13th of December 2010, the programme became Aalto University's Doctoral Programme of Engineering. All the postgraduate students of the School of Engineering belong to the doctoral programme. There are two annual application periods for the programme: one ends at September and the other at March.

The Director of the doctoral programme is Professor Harri Koivusalo who is responsible for the programme activities and for developing and coordinating the doctoral studies together with the School of Engineering. Last year 43 doctors graduated from the School.

The Doctoral Programme of Engineering consists of 8 research fields including land-use planning and transportation engineering, real estate economics, geoinformatics, civil engineering, water and environmental engineering, engineering design and production, energy technology and applied mechanics. Doctoral studies are available at all the departments of the School of Engineering: the Department of Mechanical Engineering, the Department of Civil Engineering and the Department of Built Environment.