

PhD Programme in “Electrical Engineering”

The PhD programme in “Electrical Engineering” offers 6 positions (of which 5 fully funded with scholarships) for the 38th PhD cycle at Politecnico di Milano. All scholarships cover three years of study and research.

The main objective of the PhD Program is to allow a direct, prompt and efficient involvement of PhD graduates in academic and non-academic research and development bodies. A PhD in Electrical Engineering has a solid basic knowledge of applied mathematics and physics. This is essential, particularly for handling and understanding advanced tools and methods as well as for proper modelling, analysis and design of electrical engineering applications, with particular regard to power applications. A PhD in Electrical Engineering well knows methods and applications in the main disciplines of Basic Electric Circuits and Fields, Power Systems, Electrical and Electronic Measurements, Converters, Machines and Electrical Drives.

The enclosed tables summarize the scholarships issued in the present call.

Please notice that, in order to be eligible for any of the scholarships, you must (in the registration process) declare that you intend to compete for a scholarship (see also sections 6.4 and 7.6 of the [Quickstart](#) manual).

#	Type	Research Topic	Granting Institution
1	Open Subject	“Electrical Engineering”	Italian Ministry of University and Research Politecnico di Milano
2	Open Subject	“Electrical Engineering”	Italian Ministry of University and Research Politecnico di Milano
3	Open Subject	“Electrical Engineering”	Italian Ministry of University and Research Politecnico di Milano
4	Open Subject	“Electrical Engineering”	Department of Energy
5	Interdisciplinary	Industry 4.0: “Multiphysics Approach to the Evaluation of Electromagnetic Compatibility of Electric Vehicles” In collaboration with the PhD programme in “Mechanical Engineering”	Politecnico di Milano

For further information about the Open Subject scholarships please visit the [Open Subject Scholarships webpage](#)



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PHD SCHOOL

For further information about the Thematic scholarships please visit the [Thematic Scholarships webpage](#)

For further information about the Interdisciplinary scholarships please visit the [Interdisciplinary Scholarships webpage](#)