

PhD Programme in “Materials Engineering”

The PhD programme in “Materials Engineering” offers 8 positions (of which 6 fully funded with scholarships) for the 38th PhD cycle at Politecnico di Milano. All scholarships cover three years of study and research.

The PhD Programme in Materials Engineering aims at training PhD laureates to be proactive professionals aware of the correlation between the materials structure to properties over several length-scales, the effects of processing on structure, and the final properties in use. This knowledge makes graduates skilled in the design, production and application of both traditional and innovative materials, their optimization for specific applications and the prediction and assessment of their performance.

The present call includes the scholarships detailed below.

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

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](#)

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	<i>"Materials Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
2	Open Subject	<i>"Materials Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
3	Open Subject	<i>"Materials Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
4	Open Subject	<i>"Materials Engineering"</i>	Italian Ministry of University and Research Politecnico di Milano
5	Interdisciplinary	Industry 4.0: <i>"Macromolecular Simulations And Machine Learning: A Novel Temporal And Spatial Multi-Scale Approach"</i> In collaboration with the PhD Programme in "Information Technology"	Politecnico di Milano
6	Interdisciplinary	Mission Europe: <i>"Self-Assembling Composite Materials For Industrial And Civil Wastewater Treatment Via Photocatalytic Processes"</i> In collaboration with the PhD Programme in "Industrial Chemistry and Chemical Engineering"	Politecnico di Milano