



Universität Hamburg invites applications for

**Scholarships for Master's Students
for Scientific Qualification within the Cluster of Excellence "Quantum Universe"**

The scholarships start on 1 October 2019. The projects will be undertaken at the Department of Physics or Mathematics of Universität Hamburg or, where applicable, at Deutsches Elektronen-Synchrotron (DESY). The scholarships are endowed with €800 per month for a duration of 12 months.

Topics:

The scholarships serve the academic qualification in the framework of the master's programs of Universität Hamburg. Scholarship holders will complete the corresponding curricula, but at the same time participate in freely selectable research projects within the Cluster of Excellence. Scientific topics include particle physics, astrophysics, cosmology and mathematical physics. Research projects include, for example, Higgs physics, dark matter, gravitational waves and mathematical methods of quantum field theory, but also machine learning and detector development.

[\(https://www.qu.uni-hamburg.de/\)](https://www.qu.uni-hamburg.de/)

Requirements:

Enthusiasm for the research topics of the Cluster of Excellence and exceptional successes in the Bachelor's degree program in Mathematics, Physics or a related subject are prerequisites. The Bachelor's degree should be completed by October 2019. The admission requirements for studying at Universität Hamburg apply.

<https://www.uni-hamburg.de/campuscenter/studienorganisation/ordnungen-satzungen/satzungen-immatrikulation-zulassung.html>

The University aims to increase the number of women in research and therefore explicitly encourages women to apply. Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

Applications should include a cover letter, a tabular curriculum vitae, copies of school and university degree certificates and a two-page description of the bachelor's thesis. They are to be sent electronically in a single PDF file until 31 August 2019 to office@qu.uni-hamburg.de.

For further information, please contact us via this address.