Master in Mathematical Physics

Starting in fall 2009, Hamburg University will offer a research oriented master program leading to the degree of a Master in Mathematical Physics.

The program is taught by researchers of the Mathematics and Physics department of Hamburg University and the theory group of DESY. It aims at students holding a bachelor degree in mathematics or physics and prepares in particular for PhD programs in mathematics and physics.

The program is comprised of a one year course including lectures on:

- Differential Geometry
- Topology
- Lie Theory
- Homological Algebra
- Complex Algebraic Geometry
- Quantum Field Theory
- String Theory
- Conformal Field Theory
- Supersymmetry and Unification
- General Relativity
- General Relativity

and a second year of individually supervised research. The courses offered are under annual review, please consult the webpage for up-to-date information.

For more information, including deadlines, see

http://www.math.uni-hamburg.de/master/mphysik.html