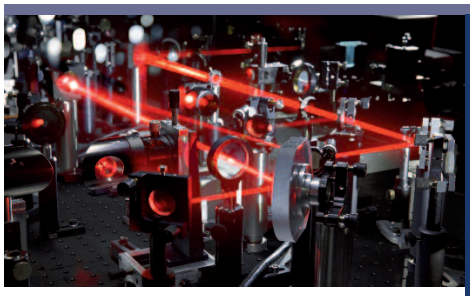
WHY NOT APPLY TODAY?



If you are interested in functional materials check out our website for more information and how to apply!

www.uni-marburg.de/msc-fm

You can also contact us via e-mail:
fm@physik.uni-marburg.de

We will welcome you in Marburg

WHY STUDY IN MARBURG?

Marburg is a picturesque town in the heart of Germany. The world-famous brothers Grimm collected their fairytales in Marburg while enrolled as students. Marburg is recognized for its castle overlooking the city, many medieval churches and old well-restored buildings. Being a tourist attraction Marburg offers a high quality of life.

The university

Philipps-Universität Marburg was founded in 1527. It has been a place of research and teaching for nearly five centuries. Today about 26,000 students are enrolled in Marburg – 12 percent from all over the world. One internationally recognized research focus of Philipps-Universität is materials science.

Philipps Universität Marburg

Master of Science
Functional Materials

WHAT ARE FUNCTIONAL MATERIALS?

Functional Materials play an ever increasing role in our modern society. They form the basis for a wide range of technologies. Computation, communication, data storage and displaying of information would not work without them, making them essential for the entire IT sector. The same is true for the generation and the storage of energy, for mobility and for sensing.

The term functional materials covers different material classes ranging from semiconductors over polymers and molecular crystals to nanoparticles. It is their special electrical, optical and magnetic properties which make functional materials so important.

THE MASTER PROGRAM

The master program „Functional Materials“ aims at a research-oriented education in the field of modern material science. The key to the development and improvement of these materials is a detailed understanding of their physical working principles, their synthesis and preparation, and their characterization.

The two years program will qualify you for basic and applied research and development in the industry in the fields of nanotechnology, chemistry, electrical engineering and mechanical engineering. It also qualifies you for a later PhD program and an academic career. Ample possibilities for PhD research and support are given in the departments.

In addition to the fundamental and specialized courses, the program offers hands on lab projects in modern, well equipped laboratories, and projects with international collaborators.

During the master program one can specialize in the synthesis, characterization and theoretical description of functional materials. Thus, it's very much up to the participants which focus they choose within the exciting world of functionalized materials.

All class work and exams are in english.

QUICK FACTS:

Format	Full-time
Intake	October or April
Location	Marburg, Germany
Language	English
Duration	two years
Tuition fees	none
Required	BSc in physics, chemistry, electrical or mechanical engineering or similar