

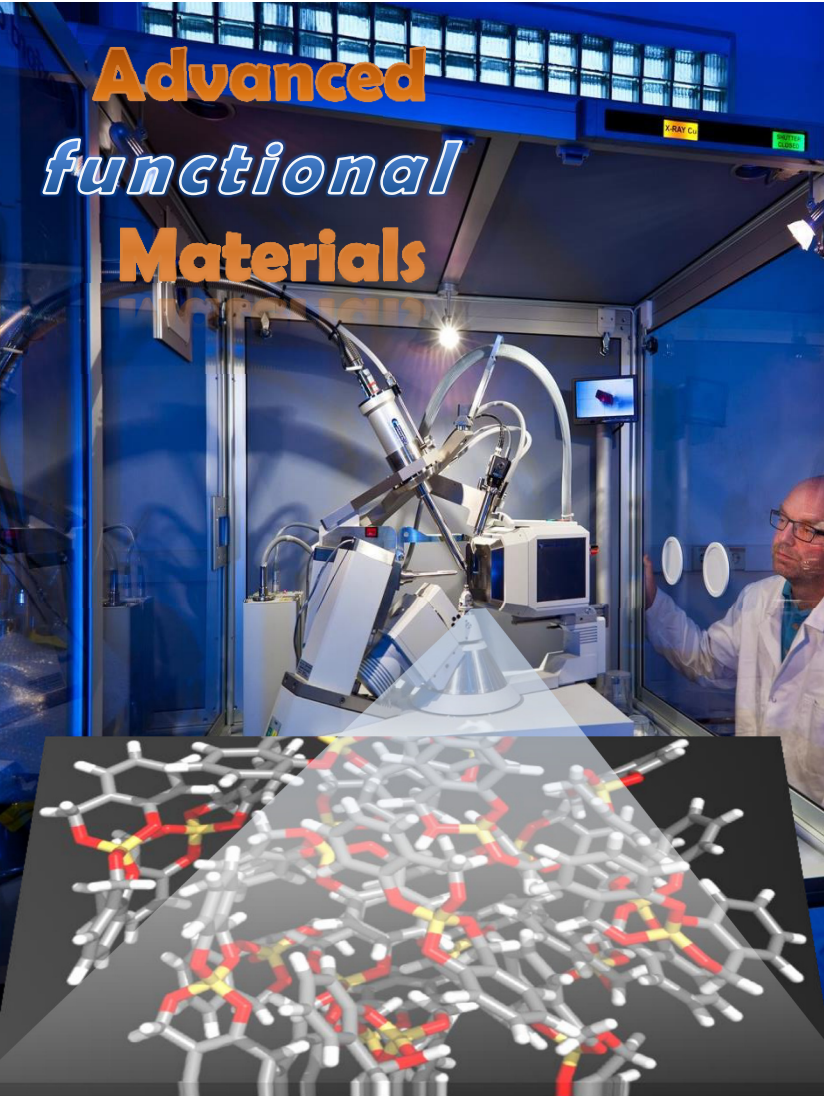


TECHNISCHE UNIVERSITÄT
CHEMNITZ

Advanced Functional Materials
Faculty of Natural Sciences

International Master Program

Advanced *functional* Materials



Research and development of modern, innovative, and functional materials with pronounced potentials for profound applications in science and technology.

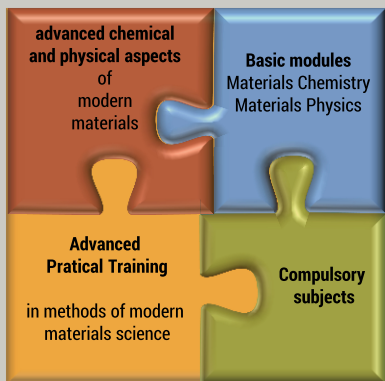
Basic Information

Admission requirements	B.Sc. in physics or chemistry or equivalent degree
Degree	Master of Science
Prescribed period of study	4 semesters
Start of Program	Winter semester

The Program at a Glance

The advanced chemical and physical aspects of modern materials and the transfer of skills in manufacturing, synthesis and analysis of functional materials are the key issues of the program Advanced Functional Materials. The research oriented extension and intensification of physical and chemical knowledge is based on advanced practical training in actual research fields in a modern laboratory environment.

The entire program Advanced Functional Materials can be studied in English language. Compulsory subjects are also offered in German language. Modules for a profound language training enhance the capability of an unrestricted communication in international research communities and work groups.



Materials Chemistry

- Synthetic methods chemistry
- Materials for innovative energy concepts
- Sustainable production technologies

Materials Physics

- Surfaces, Thin Films & Interfaces
- Semiconductor Physics
- Photovoltaics

Compulsory Subjects

(taught either in English or German language)

- Nanophysics
- Microscopy and Analysis on the nanoscale
- Surface Spectroscopies
- and others...

Central Course Guidance Service

Technische Universität Chemnitz
Straße der Nationen 62, Zimmer 046
09111 Chemnitz
+49 371 531-55555
studienberatung@tu-chemnitz.de

Academic Counseling

Technische Universität Chemnitz
Institut für Physik
Dipl.-Phys. Alexander Hassdenteufel
Reichenhainer Str. 70, Zimmer P158
09126 Chemnitz
+49 371 531-21555
studienberatung@physik.tu-chemnitz.de
www.tu-chemnitz.de/physik



TECHNISCHE UNIVERSITÄT
CHEMNITZ

Technische Universität Chemnitz
Institut für Chemie
Dr. Andreas Seifert
Straße der Nationen 62, Zimmer 1/213
09111 Chemnitz
+49 371 531-35021
Andreas.Seifert@chemie.tu-chemnitz.de
www.tu-chemnitz.de/chemie