

# CHEMISTRY OF ADVANCED MATERIALS

## MASTER PROGRAM

An interdisciplinary programme taught entirely in English!

The master of Science "Chemistry of Advanced Materials" is designed for both international and Romanian students who have earned a Bachelor in physics, chemistry, biology or other programmes related to synthesis of materials, materials characterization and their application.

The structure of this master deals with modern, innovative materials focusing on the control of their properties at atomic/molecular scale.

It is highly orientated for application and strongly connected to technology.

## DESCRIPTION

## STUDY APPROACH

Courses and practical activities especially focus on basic knowledge in the synthesis and characterization of materials.

On this basis the programme is sub-structured in chapters referring to Molecular Materials, Nanomaterials, Catalytic Materials and Biosensors.

To reach the scope, the Faculty of Chemistry of the University of Bucharest has acquainted specialists in all these directions.

Also, the laboratories are well equipped with high performance apparatus which can ensure a very good students training.

## STUDENTS BENEFITS

- Students will acquire hands-on experience in physics and materials science labs.
- Students will acquire scientific working methods and current research in the catalytic, inorganic, nano- and biosensors field.
- Students will acquire scientific competency as well as professional skills in the application range of modern materials science.
- Faculty of Chemistry offers academic standards and facilities, a thrilling student life and modern research opportunities.
- Diplomas are recognized all over Europe and beyond.

**DETAILS:** [www.chimie.unibuc.ro](http://www.chimie.unibuc.ro)

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Success

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Admission 2020