



UNIVERSITATEA DIN
BUCUREȘTI
— VIRTUTE ET SAPIENTIA

MASTER OF SCIENCE CHEMISTRY OF ADVANCED MATERIALS

FACULTY OF CHEMISTRY



<https://studyinromania.gov.ro/program/7420>

One of the main contributions of chemistry in today's society is the **DISCOVERY** and **CREATION** of **ADVANCED MATERIALS** that will lead to the development of the new emerging technologies and the improvement of our quality of life:



ADMISSION:

- Test: Linguistic skills
- Licensing exam grade (50%)
- Interview: motivation + research topic proposal (50%)



• The Master of Science "Chemistry of Advanced Materials (CAM)" is an **excellent interdisciplinary program** taught entirely **in English** and designed for both international and Romanian students wishing to achieve an education **in actual topics of materials chemistry**.

• The structure of the Master of Science CAM deals with modern, innovative materials focusing on the control of their properties at atomic/molecular scale. Courses and practical activities especially focus on basic and advanced **knowledge in the materials synthesis, characterization and application**. The program is sub-structured in chapters referring to • Molecular materials • Nanomaterials • Catalytic materials • Characterization of materials • Biosensors.

• As a graduate of the Master of Science CAM programme, you will have **thorough scientific knowledge** of the fundamental structures of chemical systems in terms of their molecular and atomic characteristics. You will also **understand the formation of complex macro systems**, which are unique in their operations and possess new functionalities, based on their molecular and atomic properties.

• Graduated students with interdisciplinary training, both theoretical and practical, will be able to conduct **research, development and control in the materials area** within research institutes and in the private sector.

Duration: 2 years (4 semesters)
Equivalent to: 120 ECTS
Completion: dissertation thesis



NEW

Be part of **Nano-CIVIS**
interdisciplinary
program



UNIVERSITY OF
BUCHAREST
— VIRTUTE ET SAPIENTIA

Students from **UE** and **non-UE countries** are registered through the **International Relations and Foreign Students Office** of the **University of Bucharest**.

INFO:

Webpage: <https://unibuc.ro/international/studenti-internationali/admitere-master/?lang=en>

Email: chimie.secretariat@g.unibuc.ro

