MSc in Materials Science and Engineering

University of Crete | Department of Materials Science and Engineering

Call for applications | Spring semester 2026–2027
Application deadline: 3 January 2027
Interviews: Thursday 14 January 2027, 10:00–13:00, Greece time

How can we engineer light–matter interactions and charge, spin, and energy transport in semiconductors, nanostructures and metamaterials for photonics, information technologies and energy conversion? How can molecular design, self-assembly and control of collective dynamics create polymers, colloids, and biomaterials with tailored mechanical properties, responsiveness and biological function? Explore such questions through materials synthesis, advanced experimental methods, theory, and computation in the MSc in Materials Science and Engineering at the University of Crete in Heraklion, Greece.

We invite applications for a limited number of places from graduates with a relevant academic background, a clear interest in materials research, and the preparation to undertake demanding postgraduate study in English.

Study and research

The programme comprises four semesters of full-time study, combining compulsory course attendance with the preparation and writing of a master's thesis. Teaching is primarily in person and requires full participation in coursework, research, and the programme's academic activities. As part of their training, postgraduate students assist with undergraduate teaching.

Research areas include:

- Optoelectronics, magnetic materials, and nanotechnology
- Polymers and colloids
- Theoretical and computational materials science
- Synthetic materials chemistry
- Biomaterials and biomolecules

The programme offers preparation for further research and careers involving advanced materials in research organisations and industry. Explore the programme and academic staff at https://grad.materials.uoc.gr/en/ before preparing your statement of interest.

Academic background and selection

Applicants must hold a first-cycle degree from a Greek university or a comparable institution abroad, in materials science or a related discipline. It is recommended that the application include documentation of academic performance in courses related to the specific program, as well as participation in and contributions to a research or technical project, or a potential publication.

Selection follows the Postgraduate Studies Regulations and considers the undergraduate degree, performance in relevant courses, the undergraduate thesis where applicable, and relevant research or professional experience. Shortlisted applicants are assessed through an interview. English proficiency at CEFR level B2 or above is required.

Tuition fees and living costs

There are no tuition fees for citizens of countries in the European Economic Area (EEA). Total programme tuition for students who do not hold citizenship of an EEA country is EUR 2,000. Applicants should also plan for accommodation, living expenses, and travel throughout their studies. Admission does not itself constitute an offer of financial support.

Application documents

Submit your application and supporting documents through https://postgrad.cict.uoc.gr. Use the application and statement templates at https://grad.materials.uoc.gr/en/apply.html.

- Completed application form and an active email address for correspondence.
- Copy of your degree(s) or a certificate of completion of studies. For degrees from institutions abroad, include a DOATAP equivalence certificate if held; otherwise, the University verifies recognition of the institution and qualification in accordance with Law 4957/2022.
- Official transcript of undergraduate course grades.
- English proficiency certificate at CEFR level B2 or above. This certificate is not required if your degree was awarded in an English-medium programme; contact the Secretariat about the evidence needed to establish this exemption.
- Detailed curriculum vitae.
- Statement of interest addressing the points below.
- At least two and no more than three letters of recommendation, sent directly by the referees to the Graduate Programme Secretariat at secretariat@materials.uoc.gr.
- Optional supporting evidence of academic achievement, research, or relevant professional work.

Preparing your statement of interest

Explain why this particular MSc is appropriate for your academic goals. Identify one or two of the programme's research areas that interest you and connect them to your previous studies or experience. Describe one relevant project, thesis, laboratory exercise, or computational task: the question, the methods you used, your own contribution, and what you learned. If you have no research experience, use a substantial course assignment. You are not required to propose a new research project. Explain what you hope to gain from full-time study and thesis research in this programme and how this relates to your next academic or professional step.

An evidence-based statement will help the selection committee assess your preparation and academic fit.

Submission and interviews

Create an account on the application portal, complete the required fields, upload your documents, and make the final submission by 3 January 2027. Saving an application without final submission does not complete the process. Only complete applications will be considered; arrange for recommendation letters to reach the Secretariat by the same deadline.

Interviews will take place on Thursday 14 January 2027, 10:00–13:00, Greece time (EET, UTC+2). Individual arrangements will be communicated to candidates. Videoconferencing is available for candidates living outside Crete. The entire interview will be conducted in English and will cover your academic background, the work described in your application, and your research interests.

Admission and documentation for study

Submitting an application or taking part in an interview does not establish admission. Applicants should rely only on the formal admission decision issued by the University. Applicants who require immigration permission should consult the University of Crete Welcome Office and the competent Greek authorities about the documentation and timing applicable to their studies.

Contact

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