



NATIONAL TECHNICAL UNIVERSITY OF ATHENS INTERDISCIPLINARY POSTGRADUATE PROGRAM “MATERIALS SCIENCE AND TECHNOLOGY”

CALL FOR APPLICATIONS FOR POSTGRADUATE STUDIES FOR THE ACADEMIC YEAR 2024-2025

Organization

The Schools of Chemical Engineering (coordinating), Applied Mathematical and Physical Sciences, Mining Engineering and Metallurgy, Electrical and Computer Engineering, Civil Engineering, Architecture, Mechanical Engineering, Naval Architecture and Marine Engineering, of the National Technical University of Athens offer the **Interdisciplinary Postgraduate Program “Materials Science and Technology”** (<http://mse.ntua.gr/?lang=el>) and call for applicants to express their interest in participating at the MSc Program in the academic year 2024-2025

The MSc Program “Materials Science and Technology” has been included at the internationalization project of NTUA postgraduate studies [the project “Support of internationalization actions of the postgraduate studies of the National Technical University of Athens” is co-financed by Greece and the European Union (European Social Fund) through the Operational Program “Human Resources Development, Education and Lifelong Learning”], with the aim to promote the studies opportunities for international students, along with the research and educational activities of NTUA. In this context, the language of instruction will be English.

Program Goals

This MSc program aims to train Engineers and scientists of other disciplines on conventional and advanced materials. This sector is a very important part of the national economy of a country (industry, small industry, crafts, etc.) and supports the development of other technical and financial activities (energy sector, construction industry, etc.). The overall aim is to prepare the students for either industrial employment or further research, with an internationally competitive specialization.

Program structure

The program, with a minimum duration of three (3) academic semesters for completion and maximum study period of four (4) semesters, leads to a Postgraduate Diploma Master of Science, corresponding to a total of 90 ECTS credits. The study program (<http://mse.ntua.gr/μαθήματα/?lang=el>) includes: During the first two Semesters, students attend mandatory courses and electives. The electives are divided in two Branches. Branch A: Materials Science and Branch B: Materials Technology. Branch A focusses on “Synthesis - Structure - Properties – Applications” of Materials, while Branch B focusses on the technological aspects of these disciplines. Attendance of lectures and computational or laboratory sessions is mandatory within the first two semesters, while the third semester is dedicated to the elaboration of Master thesis, written in English.

Eligibility

Graduates from the National Technical University of Athens and from other Engineering Schools as well as graduates from Natural and Technological Sciences, and Mathematics, or related subjects, are eligible for attendance on the program. The program is open to graduates of Greek Universities or



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equivalent foreign universities recognized by the Hellenic National Academic Recognition and Information Center - NARIC ([DOATAP](#)). Students that will be graduating in September 2024 are also eligible.

A maximum of forty (40) students will be enrolled in the MSc program, upon selection, provided that they meet all the necessary requirements for successful attendance of the courses. In the selection criteria of postgraduate students, the knowledge of the English language will be counted from this year with increased weight.

International students are welcome and all candidates are considered on an individual basis. Starting in 2023, non-EU students must pay tuition fees of 500 Euros per studies semester.

Application process

Applications are submitted **via the e-form** provided in this [link](#) (<https://docs.google.com/forms/d/1DoMHwhviuO0nYRGXJY9HYtxrHfdPTMMtFLmMycBtg34/edit>) until **15/7/2024**, while at the same time for the application to be eligible, the following **supplementary documents** must be sent **via e-mail** to ylika@chemeng.ntua.gr.

- [Application form](http://mse.ntua.gr/2024/06/21/2502/?lang=el#more-2502) (<http://mse.ntua.gr/2024/06/21/2502/?lang=el#more-2502>)
- Curriculum Vitae in English
- Copy of transcripts of grades from universities attended
- Certificate of Proficiency in English (level C1 / C2)
- Two Letters of Recommendation. Candidates should request to be sent directly at ylika@chemeng.ntua.gr.

More information

Mrs G. Sifaki, Secretariat of School of Chemical Engineering, tel. 210-772-2248, e-mail : gsifaki@chemeng.ntua.gr

Athens, June 2024
The MSc Program Director
Prof. C. Charitidis



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