



**NATIONAL TECHNICAL UNIVERSITY OF ATHENS**  
**SCHOOL OF APPLIED MATHEMATICAL AND PHYSICAL SCIENCES**  
**INTERDEPARTMENTAL PROGRAM OF POSTGRADUATE STUDIES**  
**“MATHEMATICAL MODELING IN MODERN TECHNOLOGIES AND**  
**FINANCIAL ENGINEERING”**

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

The Schools of Applied Mathematical and Physical Sciences (coordinating School), Electrical and Computer Engineering, Chemical Engineering, Rural, Surveying and Geoinformatics Engineering, Naval Architecture and Marine Engineering of the National Technical University of Athens offer the Postgraduate Studies M.Sc. Program "Mathematical Modeling in Modern Technologies and Financial Engineering". The language of the Program will be English.

The postgraduate studies program is appropriate to graduates from Mathematical, Physical, Economic and Technological B.Sc. studies. It provides the possibility to follow one of the three (3) distinct directions provided:

- Direction “Modern Technologies”
- Direction “Mathematics of Data Science”
- Direction “Financial Engineering”

The M.Sc 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” co-financed by Greece and the European Union (European Social Fund) through the Operational Programme “Human Resources Development, Education and Lifelong Learning”], with the aim to promote opportunities for international students, along with the other research and educational activities of NTUA.

The selection of postgraduate students will be made mainly on the basis of the following criteria:

- general average grade of the diploma/degree,
- ranking order in the year of graduation,
- score in the undergraduate courses that are relevant to the postgraduate study program,
- score in the undergraduate diploma thesis, if any,
- any other post-graduate degrees related to the subject of the M.Sc,
- research, professional or even technological activities of the candidate,
- recommendation letters,
- personal interview,



Με τη συγχρηματοδότηση  
της Ευρωπαϊκής Ένωσης



Πρόγραμμα  
Ανθρώπινο Δυναμικό και  
Κοινωνική Συνοχή

- if the candidate is an employee, the needs of the organization from which he/she comes and the prospects of the candidate, and
- the level of command of English language.

The interviews of the candidates, who will qualify during the first selection phase, will take place very shortly after the applications' deadline.

International students are welcome. Starting in 2023, non-EU students will have to pay tuition fees of 500 Euros per semester.

All candidates are invited to submit their application **online** at [pgradsemfe@mail.ntua.gr](mailto:pgradsemfe@mail.ntua.gr) **until Monday July 15th 2024** by sending the following documents:

- Copy of B.Sc. degree from university attended
- Transcript of grades from university attended
- Curriculum Vitae in English
- Statement of purpose
- English language certificate (level B2 / C1 / C2)
- Two Recommendation letters. Candidates should request these letters to be sent directly at [pgradsemfe@mail.ntua.gr](mailto:pgradsemfe@mail.ntua.gr)

More information is available on the Master's program website: <http://www.mathtechfin.math.ntua.gr/> or in telephone communication with the M.Sc. Secretariat: Ms A.Katzilieri ++30 210-7724191

Athens, June 2024  
The MSc Program Director  
Prof. Sofia Lambropoulou



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