

**STATEMENT OF THE QUALITY ASSURANCE POLICY OF THE
"APPLIED MATHEMATICS"**

**GRADUATE PROGRAM OF STUDIES OF THE SCHOOL OF ENGINEERING DUTH
RUN BY THE DEPARTMENT OF CIVIL ENGINEERING DUTH**

The Department of Civil Engineering (CVE), in collaboration with the Quality Assurance Unit (MODIP) of Democritus University of Thrace (DUTH) and the competent services of the Foundation, has harmonized the Quality Assurance Policy (QAP) of the Undergraduate Program of Studies (UPS) and the respective Graduate Master's and Doctoral Programs with the central Quality Policy of DUTH.

In particular, the Interdepartmental Master's Degree (M.Sc.) Program "*Applied Mathematics*" is part of the strategic planning of the University, and it aims in the following:

- Further promotion of knowledge
- Development of research and the arts
- Satisfaction of the educational, research, social, cultural and development needs of the country,
- High-level specialization of graduates in theoretical and applied areas of specific fields of knowledge, special thematic modules or individual branches of the academic subjects of the first study cycle of the relevant Department.

The Interdepartmental Master's Degree (M.Sc.) Program "*Applied Mathematics*" is committed to the implementation of a quality policy that supports the academic profile and orientation of the curriculum, promotes its purpose and objectives, implements its strategic goals, determines the means and ways of achieving them and aims for its continuous improvement.

Moreover, it plans, modifies, and improves its Curriculum with transparency and participation of all stakeholders so that:

It meets modern scientific requirements and teaching needs.

- To achieve the learning outcomes and qualifications as described in the Curriculum course outlines and to offer qualifications in accordance with the European Higher Education Qualifications Framework.
- To promote scientific knowledge and research on applied mathematics, but also on theoretical mathematics, with which it is inextricably linked and in the development of theory and methodologies for their application.

- To give postgraduate students a comprehensive picture of the theory, research and practical application of Mathematics in science and technology in the context of the 4th Industrial Revolution.

It implements quality procedures in teaching work in full alignment with the quality policy of the Department and the Institution:

- Selecting the appropriate instructors in accordance with the provisions of the relevant legislation.
 - Evaluating the quality of teaching by the students on a six-monthly basis.
 - Participating in the internal evaluation process as coordinated by the MO.DIP. of DUTH.
 - Utilizing a variety of teaching methods and techniques, with an emphasis on student-centered processes and methods.
 - Ensuring the progress and development of students during their studies.
 - Encouraging students to write articles, publications in reputable scientific journals and announcements at Panhellenic or International Conferences.
 - Ensuring useful and accessible learning resources for students.
 - Implementing the institution of the Academic Advisor.
 - Participating in the procedures provided by the Regulations of the “Outstanding Teaching Award” of DUTH.
 - Cultivating a climate of respect, cooperation, understanding and participation of all those involved in the Study Program and applying the best practices to resolve any problems that arise, as provided by the Complaints and Objections Management Regulation.
- Takes care of the quality (and quantity) of the research work of the members of the academic unit applying the following processes:
- Strengthening its extroversion with synergies both within the institution and with other institutions in Greece and abroad.
 - Encouraging the participation of staff in international and Greek conferences, research programs and international collaborations.
 - Supporting their international mobility.
 - Looking for alternative sources of funding (participation in programs, sponsorships, donations)

- Encouraging high quality research that will be published and recognized internationally.
- Promotes the connection between teaching and research.
- It is informed about the level of professional rehabilitation of its graduates and disseminates professional rehabilitation information to students beyond the standard.
- Based on the possibilities it has (teaching staff-logistical infrastructures) it ensures the appropriate annual number of admissions, so that it can offer high-quality education to students.
- - Takes care of the quality at all levels of operation of the Study Program and at the same time takes the appropriate actions for its improvement.
- Has announced the Quality Assurance Policy of the Study Program on its website and communicates it in every way to all parties involved.
- Ensures the update of the graduate Program “Applied Mathematics” website so that it is a constantly valid source of information for students.