



**KTÜ**

**1955** KARADENİZ  
TEKNİK ÜNİVERSİTESİ

# Why KTU Department of Mathematics?

- Education and academic experience since 1963.
- Undergraduate and graduate level education
- Expert and dynamic academic staff
- Accreditation (FEDEK)
- Academic education blended with theoretical and practical field courses
- Double Major, Minor and Erasmus+ opportunities
- Pedagogical Formation Education

## Departments

- Analysis and Theory of Functions
- Algebra and Number Theory
- Geometry
- Fundamentals of Mathematics and Logic
- Topology
- Applied Mathematics

## Academic Staff

- 14 Professor
- 10 Associate Professor
- 8 Assistant Professor
- 2 Lecturer
- 8 Research Assistant

## Education - Teaching

- **First two years:** Completion of the mandatory basic courses of each department.
- **Last two years:** In addition to the mandatory courses, elective courses from different departments are added to follow the student-specific program. In the last semester, our students prepare a Graduation Study in the department they want to specialize in.
- **Formation education** Our students can apply for teaching at the Ministry of National Education (MEB) by following the formation program courses starting from the third semester.

### Math Club

- Academic, social and cultural activities.
- Academic seminars, competitions, exhibitions, talks and excursions.

# Applied Mathematics Courses and Coding Education

- Our students can improve themselves by taking courses in Applied Mathematics and Coding. Some of these courses:
- **Mathematical Computation (Grade 2, Mandatory):**
  - ❖ Use of Symbolic Computing and Numerical Computing programs
  - ❖ Algorithm design
  - ❖ Coding education
  - ❖ Our courses are carried out practically in the computer laboratory.

# Applied Mathematics Courses and Coding Education

- **Industrial Mathematics (4th grade, Optional):**
  - ❖ We are one of the rare Mathematics departments that includes this course in its program.
  - ❖ Creating mathematical models for simple industrial problems
  - ❖ Determining and implementing the appropriate method for the solution
- We have a wide variety of courses in each department. You can check our web page for detailed information.

## Double Major - Minor

- Students who achieve academic success can participate in double major or minor programs in the following departments of our University.
- Computer Engineering
- Electrical and Electronics Engineering
- Industrial Engineering
- Forest Industry Engineering
- Mechanical Engineering
- Software Engineering
- Electronics and Communication Engineering
- Department of Computer Science
- Department of Molecular Biology and Genetics
- Department of Economics
- Department of Economics
- Civil Engineering
- Physics Department
- Department of Business Administration
- Department of Econometrics
- Department of Finance

## Student Exchange Programs

- Students who meet the academic success and language proficiency requirements can study for one or two semesters at the following Universities within the scope of the Erasmus+ Program.
- Esterhazy Karoly Foiskola (Hungary)
- Kaunas University of Technology (Lithuania)
- Vytautas Magnus University (Lithuania)
- University of Oradea (Romania)
- Slovenska Technicka Univerzita v Bratislave (Slovakia)
- Our students can study at 62 universities in Turkey with the **Farabi Program** and at universities abroad with **the Mevlana Program** for one or two semesters when the programs are active.



## FEDEK Accreditation

- **FEDEK** Association for the Evaluation and Accreditation of Curricula of Faculties of Science, Literature, Science-Literature, Language and History-Geography.
- The quality of education and training of our department has been certified by FEDEK.
- Our department is accredited between 2024-2027.



## Employment Opportunities

- Graduate education and Academic career
- Teacher Education
- Informatics
- Banking
- Trade and Finance
- R & D
- Software Development
- Production-Manufacturing Management
- Planning
- Accountancy
- Communication
- Database Management



## CHAIRMANSHIP OF MATHEMATICS DEPARTMENT

E-mail [matematik@ktu.edu.tr](mailto:matematik@ktu.edu.tr)  
Phone +90 462 377 25 20 +90 462 377 25  
61  
Fax +90 462 325 31 95  
Web [www.ktu.edu.tr/mathematics](http://www.ktu.edu.tr/mathematics)

Karadeniz Technical University  
Faculty of Science Mathematics

THANKS!