

Department of Mathematics

Contact: Phone number: 00 36 1 487-8161
Fax number: 00 36 1 487-8196
e-mail: godonyi.eva@tofk.elte.hu

Hungarian homepage: <http://www.tofk.elte.hu/matek/index.html>

Main professional activities of the Department

Teaching activities:

The realization of the courses of

- the graduate trainings of future nursery and elementary school teachers
- the postgraduate training
- further and special professional trainings.

The main professional ambitions of the Department are the harmonization of the theoretical and practical application of teaching Mathematics (subject pedagogy and practical training), and the realization of students' pedagogical activities with differentiation.

Main subjects: Mathematics and its subject pedagogy; The basics of Mathematics; Elemental algebra; Elemental Mathematics; The subject pedagogy of Mathematics; Geometry; Combinatorics; Probability and statistics; Functions; Mathematics and its methodology; Natural sciences in the 20th century. (List and detailed description of the courses in English: www.tofk.elte.hu/new/node/48)

Research activities

- The application of Personal Computer in teaching Mathematics
- Research in connection with the attitude of students of elementary school teachers' training towards Mathematics
- Virtual Environment for experiencing Mathematics (With-in the Socrates Minerva project of 'VIM')

Additional activities

- active participation in the development of the base documents of public education; curriculum development
- active participation in the formation of the training in accordance with the Bologna process
- active participation in national and international application programmes:
 - Socrates: Erasmus (student and staff mobility); Comenius; Minerva
 - HEFOP: The development of the content and structure of teachers' training
- active participation in the management of students' research and additional activities (academic contests, oral and written presentation, publication)
- active participation in the realization of different national and international conferences and professional events; regular publication in national and international periodicals and books

Staff

Name	Title/position	e-mail contact	Main professional fields and special activities/interests
DR. Julianna SZENDREI	professor, head of department	szendrei.julianna@tofk.elte.hu	Main fields: The subject pedagogy and methodology of Mathematics Research: Disorders of learning Mathematics; The application of Personal Computer in teaching Mathematics
Eszter C. Neményi	docent	enemenyi@freemail.hu	Main fields: Mathematics and its subject pedagogy; Mathematics for development Research: The subject pedagogy of Mathematics; The thinking of 6-10 years old children, and the development of thinking
DR. ISTVÁN HORTOBÁGYI	Professor, faculty director	legler.judit@pk.elte.hu	Main fields: The didactics of Mathematics (the theoretical basement and strategies of problem solving; the support of talented students) Research: Discreet geometry; The theory of convex bodies

Name	Title/position	e-mail contact	Main professional fields and special activities/interests
dr. ALICE HORVÁTH	docent	horvath.alice@tof.k.elte.hu	Main fields: Mathematics and its subject pedagogy; natural sciences (inorganic parts) Research: Research of operation; Stochastic processes
Ágnes Makara	senior assistant professor	makara.agnes@tof.k.elte.hu	Main fields: Mathematics and its subject pedagogy; Mathematics and its methodology; Geometry Research: The development of problem solving thinking
Marianna Dr. PALOTÁSNÉ VIG	docent	vig.marianna@tof.k.elte.hu	Main fields: Mathematics and its subject pedagogy; The bases of Mathematics; Mathematics and its methodology Research: Mathematical logic
Judit SZABÓNÉ SZITÁNYI	senior assistant professor	szitanyi.judit@tof.k.elte.hu	Main field and research: Teaching of probability and statistics

Name	Title/position	e-mail contact	Main professional fields and special activities/interests
Katalin UJNÉ DETKI	senior assistant professor	detki.katalin@tofk.elte.hu	Main fields and research: Szakt.: Mathematics and its subject pedagogy; Mathematics and its methodology; The support of talented students in the field of Mathematics
Erzsébet ZSINKÓ	docent	zsinko.erezsebet@tofk.elte.hu	Main fields: Mathematics and its subject pedagogy; Elemental algebra; Combinatorics Research: The methods of the demonstrative teaching of Mathematics
Judit Szili	assistant lecturer	szilijudit@yahoo.com	Professional assistance
Éva Gödönyi	administrative assistant	godonyi.eva@tofk.elte.hu	