



Student Support Centre

Student Support Services in HEI

Research & Innovation Transforming European
Healthcare

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ELTE | FACULTY OF
INFORMATICS



ELTE IK
Student Support
Center

Student Support Centre



Introduction

- Group of Psychologists and Teachers
- Dropout prevention program: praxis and research
- Hungarian and International Students
- Two campuses
- One-on-one counselling
- Community building
- Career orientation

Highlights

- 5+ years: intervention and research
- Soft skill trainings for up to 800 students per academic year
- Prevention and promotion
- Intercultural environment
- Canvas Study Coach monitoring system
- Peer-to-Peer Student Groups

Research

- **Research Group**

- The Student Support Centre is an organisation supporting education and research at the ELTE Faculty of Informatics. In our research we explore students' success. To this end, we analyze psychological and academic data to support drop-out prevention. We use the data to develop our soft skill development courses and training.
- Dropout rate on the Hungarian BSc program decreased from 60 % to 30 % after the dropout prevention program was introduced in 2015

Dropout prevention program



Research Interests

Mental health

students' academic success

students' drop-out prevention

soft skills

talent management

full-time students

part-time students

at risk students

psychological factors in student success
domestic and international students

STEM education

Projects

In progress:

- MASUDEM (Master Studies in Sustainable Development and Management)

- ERASMUS-EDU-2022-CBHE

Previous project contributions:

- Developing online multimedia curriculum Nov 2020
- March 2023
Creating online curriculum for Canvas Learning Management System courses with multimedia components: Animation short films and graphic pictures. We created Canvas learning environments with the help of a methodology tutor and multimedia team.

In this project we develop 3 courses one after another:

- - Preparation course for master studies and developing skills for international MSc Students
- - Teammanagement - Basics of Peer support;
- - Advanced level learning methodology for computer science students course.



How to reach us

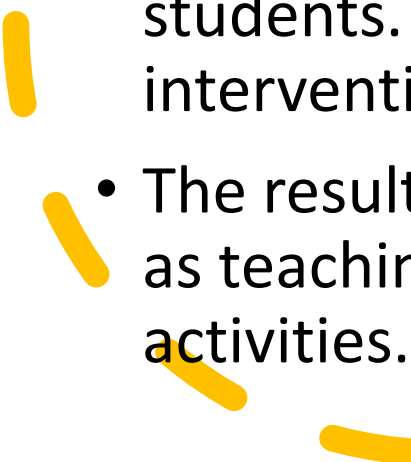
- <https://dtk.elte.hu/main-page/>
- We have a research focused website:
dropoutprevention.inf.elte.hu
- E-mail: takacsrita@inf.elte.hu

References

- <https://www.nature.com/articles/s41599-021-00725-w>
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- Q1- Takács, R., Kárász, J. T., Takács, S., Horváth, Z., & Oláh, A. (2021b). Applying the Rasch model to analyze the effectiveness of education reform in order to decrease computer science students' dropout. *Humanities and Social Sciences Communications*, 8(1), 1–8. Springer Nature. <https://doi.org/10.1057/s41599-021-00725-w>
- Q2- Takács, R., T. Kárász, J., Takács, S., Horváth, Z., & Oláh, A. (2022). Successful Steps in Higher Education to Stop Computer Science Students from Attrition. *INTERCHANGE*, 53, 1–16. <https://doi.org/10.1007/s10780-022-09476-2>
- Q1- Takács, R., Kárász, J.T., Takács, S., Oláh, A. & Horváth, Z. (2023). The impact of online education on student dropout during the first wave of COVID-19, analysed by IRT modeling method. *Humanities and Social Sciences Communications*. Springer Nature.

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- Our team investigates students' academic success, drop-out rates and their relationship with certain psychological factors.

Our analyses will allow us to identify points of intervention in student education that can increase student success, to identify correlations between certain psychological factors and student success, and to support the continuous improvement of our skills development courses for students. We can also use our studies to analyse the success of the interventions implemented.

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- The results of the research will be used by our team in other activities such as teaching, individual psychological counselling, trainings, and other activities.

Aims of the program

Prevention Program

- To prevent students from dropping out of university
- First year students:
 - Hun BSc program
 - Eng BSc and MSc

Support students in the **transition** to a new education system, new culture and new country

Academic integration

To support students in creating their own individual and conscious learning strategies

Social integration

To support students in integrating in a new university environment and to help them to create connections with their fellow students

Compulsory course structure

