

Name(s) of graduate program(s)	Economic Analyst MSc
Type of the exam	<b>Written</b>
Name of the exam	Competency profile
Duration of the exam	60 minutes
Method of the exam	online written
Short description of the exam	Competency measurement: we measure logical and critical thinking and numerical reasoning and information processing.
Materials that can be used during the exam	-
Recommended reading materials	-
Topics	-
Sample questions	Which number is the solution of the task? 5; 7; 11; 17; 25; ?
	The Monday relates to the Thursday so than, the Friday relation the ....? A: Tuesday B : Saturday C : Sunday D: Monday E: Wednesday
	The 400 seats in a parliament are divided amongst five political parties. No two parties have the same number of seats, and each has at least 20 seats. What is the largest number of seats that the third largest party can have? A: 22 B:118 C :119 D: 120 E:121

Name(s) of graduate program(s)	Economic Analyst MSc
Type of the exam	<b>Written</b>
Name of the exam	Economic Analysis
Duration of the exam	60 min
Method of the exam	Online
Short description of the exam	The exam has two parts. The first is made of short mathematical problems (45 points) and the second of short essay questions about an economic phenomenon. The essay question does not require deep economic knowledge and can be answered by somebody interested in economics and society.
Materials that can be used during the exam	Nothing
Recommended reading materials	Any mathematics textbook covering the materials listed below (e.g., Sydsaeter – Hammond, Essential Mathematics for Economic Analysis).
Topics	Essentials of logic and set theory, properties of functions, differentiation, vector and matrix algebra, multi-variable optimization
Sample questions	<b>Essay question</b> During the Covid pandemic we can observe two strong statements (or opinions) on two different issues. One is related to the entry to the markets and the other is about the compulsory/voluntary nature of vaccination. On one hand: Vaccines are granted permission for use after the regular (stringent) control mechanism is completed. However, in emergency situation, a relaxed control process is applied. On the other hand, there are disputes about whether to make the vaccination compulsory or let it be voluntarily decided by the citizens. Argue for and/or against these statements! Use economics in your argument! What economic considerations would you take into account?