

**NATIONAL RESEARCH UNIVERSITY  
HIGHER SCHOOL OF ECONOMICS**

**The Faculty of Mathematics**

**Master's programme 'Mathematics'  
Application package requirements**

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**List of documents for passing the entrance test in the form of a competitive selection based on the application package of foreign applicants to the educational program «Mathematics»**

1. Required Documents:
  - 1.1. Application form and CV (the applicants fill out the application form online and attach the CV separately);
  - 1.2. Letter of motivation;
  - 1.3. Result of the Interview (Issued by the Selection Committee, this document is NOT provided by the applicant.)
  - 1.4. Copy of applicant’s degree certificate (diploma or academic transcripts);
  - 1.5. Letters of recommendation (written by colleagues, lecturers, academic supervisors, experts in the applicant’s field of study);
2. Other documents, certifying educational and scientific achievements of the applicant (see the list below in Table 2).

**Evaluation criteria for international applicants in «Mathematics»**

**The application package is scored out of a total of 50 points, distributed as indicated below. Applicants whose application package scores less than 31 points are considered unsuccessful and not invited to the interview. For the rest of applicants, the interview takes place online. The results of the interview are also scored out of a total of 50 points. The Applicants are ranked by the total of the application package score and the interview score.**

**Table 1: Required documents.**

Section of the package	Content	Score
Application form and CV (required)	Confirmation of candidate’s proactivity (including summer schools, internships, seminars, etc. - see table 2 below) in the chosen field of study	20
Letter of motivation (required)	No more than two pages of printed text in A4 format, which should include: a) reasons why the candidate would like to study in this master's program; b) professional prospects for the future. The quality of presentation and the level of language proficiency are evaluated.	10
Copy of the degree certificate: diploma or academic transcripts (required)	If the diploma is issued before the time of application, a copy of the diploma with a list of studied disciplines should be attached. If you have not yet obtained your diploma, include an official copy of your most recent academic transcript. It is evaluated based on the number and level of mathematical courses and the international ranking of the mathematical faculty where you took these courses.	10
Letters of recommendation (at least one is required)	Written recommendations from experts, academic leaders, teachers, colleagues. Both the content of the recommendation and the scientific reputation of the recommender are taken into account.	10

Online interview	Takes place if the initial application package scores to 31 points or higher.	50
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**Table 2: Achievements to be taken into consideration when evaluating the applicant's CV (provided that the corresponding supporting documents are included in the application package)**

Achievement	Supporting documents
Academic publications	A list of publications in scientific journals with names of publications and of any coauthors.
Participation in academic seminars and conferences as a speaker	Publications, preprints, programs of seminars and conferences, invitation letters
Participation in academic and educational events	A list of courses, schools, REU programs, etc., with a copy of a certificate of participation or other document.
Language proficiency	TOEFL / IELTS / PTE / CAE / BEC / GRE / CET-6
International certificates	GRE General test, GRE Subject Test – Mathematics, others.
Preparatory programmes for foreign citizens and HSE Master's Degree Preparatory Courses	Certificate of completion.

**Table 3: Language proficiency requirements (except for graduates of B.Sc. programmes, on which the official language of instruction was English)**

Language Certificate	Minimal passing grade
IELTS	5
TOEFL IBT (Internet Based)	60
TOEFL PBT (Paper Based)	500
CPE (Certificate of Proficiency in English)	None
CAE (Certificate of Advanced English)	None
BEC Higher (Business English Certificate)	None
GRE general	140 (Verbal Reasoning)
CET - 6	430