

**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. As only 2-10% of applications are recommended for admission, the Committee has insufficient resources for interviewing all applicants. If recommended for admission, the Results of the Interview for the applicant will be included.)

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 32 points are not invited to the interview. 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. | 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 32 points or higher. | 50 |

**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 and preprints |
| 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 |

*in 2021 TOEFL includes TOEFL Home