

Admission requirements

EDUCATIONAL LEVEL REQUIRED

The committee on admissions carefully reviews each applicant's academic records and professional experience to assess readiness for graduate study. Candidates must provide all records under the general NSU admission requirements and any additional application materials including:

till 15th of June 2019

1. Diploma (or some analogous document) on program of level of a bachelor degree or certificate (ordering) about passing at the moment such program;
2. Academic transcripts (transcript of record, university degree/s, diploma supplements)
3. English language course marks sheet/TOEFL certificate or other international certificates (in case English is not your native language and your previous education wasn't in English)
4. Curriculum Vitae
5. Motivation Letter (1-2 pages)

1) Bachelor Diploma or its equivalent educational certificate requirements:

The University offers help with the validation of the diploma for the Russian education system. The field of bachelor degree should be:

- Mathematics
- Informatics/Computer Science
- Natural science (physics, chemistry, biology, geology, etc.)
- Economics/Marketing
- Linguistics

The educational program must include a **mathematical course (courses)** with basic elements of mathematical logic, discrete structures, probability theory and mathematical statistics, linear algebra, programming languages, algorithms.

2) Academic Transcripts Requirements:

There are no special criteria for GPA. Application documents are analyzed in a complex way. Special attention is paid to math and computer subjects grades. But even if grades are not excellent your understanding of basics in required math subjects, attitude to Data Science (in motivation letter), understanding of the state of art, analytics and/or programming experience and ability to self-study are more appreciated.

3) Proven English language proficiency

All students must have proven English language proficiency before enrolling and must provide an English Language Proficiency Certificate. Applicants who are

graduates of bachelor's programs, on which the official language of instruction was English, are exempt from providing a language certificate. In that case in your diploma or transcripts it is written that previous education was in English.

We use the following test scores on the proficiency tests.

Minimal test score requirements are as follows:

Language Certificate	Minimal passing grade
IELTS	6
TOEFL IBT (Internet Based)	70
TOEFL PBT (Paper Based)	500
CPE (Certificate of Proficiency in English)	C
CAE (Certificate of Advanced English)	None
BEC Higher (Business English Certificate)	None

3) Motivation Letter

4) Curriculum Vitae

INTERVIEW

The interview with head of Big Data Analytics and Artificial Intelligence Master Program includes questions:

- and simple tests on basics of mathematical logic, discrete structures, probability theory and mathematical statistics, linear algebra, programming languages, algorithms;
- about your attitude to Data Science and Machine Learning;
- about your studies and experience;
- about your plans after graduation.

During the interview you may also ask questions about the program and admission process.

Concerning the organization of interview it is necessary to address to Bulgakova Ekaterina e-mail:
e.bulgakova@nsu.ru.

FORMAL RECEPTION TO THE PROGRAM. TRAINING PAYMENT

In case of successful passing of interview admission process is held by International Students Office where all documents are revised, additional documents are requested and all visa and payment issues are resolving.

The training for Big Data Analytics and Artificial Intelligence Master Program on Department of Mathematics and Mechanics of NSU is paid (in 2019-2020 the corresponding price is equal to \$5200 (USD) for one year.

There is a prepayment 25% (1250 USD), after it is made that the invitation process begins.

All international students after arrival in Novosibirsk pay the region fee 130 USD which covers invitation process and visa extension fee.