

ADMISSION REQUIREMENTS FOR MATHEMATICS DEGREE PROGRAMMES 2024/2025

1. General admission requirements for degree programmes

1.1. Completion of full secondary school education

1.1.1. Completion of full secondary school education in the Czech Republic

[1] **Requirement for Bachelor's Degree programmes:** Each applicant must have completed full secondary education culminating in the *Maturita Exam*.

[1.1] **Period of time to meet the requirement:** Before the decision on admission to study is issued; the secondary school leaving certificate constitutes a supporting document for issuing the decision on admission or non-admission to study. All applicants are required to submit a certified copy of the Secondary School Leaving Certificate no later than at the date of enrolment into the first year of study within the period between 20 August and 31 October 2024. Specific dates for individual degree programmes shall be notified to the applicants proposed for admission via email which was stated in the application form. The dates shall also be published on the [web pages of the Faculty of Science of the University of Ostrava](#).

[1.2] **Document to demonstrate the requirement has been met:** A certified copy of the Secondary School Leaving Certificate.

[1.3] **Appendices to the Application Form:** No appendices nor the Secondary School Leaving Certificate itself are to be sent to the faculty in advance. Prospective students submit a certified copy of the Secondary School Leaving Certificate no later than at the date of enrolment into the first year of study.

1.1.2. Completion of full secondary school education outside the Czech Republic

[1] **Requirement for Bachelor's Degree programmes of all fields of study:** Each applicant must have completed full secondary education culminating in a school-leaving examination.

- [1.1] **Period of time to meet the requirement:** Before the decision on admission to study is issued; the Secondary School Leaving Certificate constitutes a supporting document for issuing the decision on admission or non-admission to study. All applicants are required to submit a certified copy of the Secondary School Leaving Certificate no later than on the date of enrolment into the first year of study within the period between 20 August and 31 October 2024. Specific dates for individual degree programmes shall be notified to the applicants proposed for admission via email which was stated in the application form. The dates shall also be published on the [web pages of the Faculty of Science of the University of Ostrava](#).
- [1.2] **How to meet the requirement:** By completing a secondary education programme.
- [1.3] **Institution to meet the requirement:** foreign secondary school, international secondary school, European school, school providing compulsory school attendance authorised by the Czech Ministry of Sport, Youth and Education.
- [1.4] **Document to demonstrate the requirement has been met:** Decision of the Regional Authority on the equivalence of foreign secondary education, an original or a certified copy of the European Baccalaureate diploma or a similar document proving completed foreign secondary education.
- [1.5] **Special option of verifying the requirement has been met:** Each institutionally accredited college or university is obliged to verify meeting the requirement under a self-assessment system exclusively for the purpose of admissions procedure into the degree programmes offered and carried out by the university itself or any of its faculties.
- [1.6] **Special option of verifying the requirement has been met at the University of Ostrava:** The procedure of verifying, whether an applicant does (or does not) meet the requirement (completion of full secondary education) solely for the purpose of admission procedure at the University of Ostrava, is regulated by the internal regulation of the University of Ostrava (especially by the respective Order issued by the Rector; currently by the Order issued by the Rector under the number 69/2019; in future by succeeding Order issued by the Rector).

1.2. Attainment of higher education

1.2.1. Attainment of higher education in the Czech Republic

[1] **Requirement for the follow-up Master's Degree programmes of all fields of study:** Each applicant must have duly completed any type of the degree programmes (Bachelor's, Master's or doctoral degrees).

[1.1] **Period of time to meet the requirement:** Before the decision on admission to study is issued; the Higher Education Diploma constitutes a supporting document for issuing the decision on admission or non-admission to study. All applicants are required to submit a certified copy of the Higher Education Diploma no later than at the date of enrolment into the first year of study within the period between 20 August and 31 October 2024. Specific dates for individual degree programmes shall be notified to the applicants proposed for admission via email which was stated in the application form. The dates shall also be published on [the web pages of the Faculty of Science of the University of Ostrava](#).

[1.2] **Document to demonstrate the requirement has been met:** A certified copy of the Higher Education Diploma.

[1.3] **Appendices to the Application Form:** No appendices nor the Diploma proving the completion of the Bachelor's Degree programme itself are to be sent to the faculty in advance. Applicants to the follow-up Master's Degree programmes submit a certified copy of the Higher Education Diploma no later than at the date of enrolment into the first year of study.

1.2.2. Attainment of higher education outside the Czech Republic

[1] **Requirement for the follow-up Master's Degree programmes of all fields of study:** Each applicant must have duly completed one of the following degree programme types: Bachelor's, Master's or doctoral degrees.

[1.1] **Period of time to meet the requirement:** Before the decision on admission to study is issued; the Higher Education Diploma constitutes a supporting document for issuing the decision on admission or non-admission to study. All applicants are required to submit a certified copy of the Higher Education Diploma no later than at the date of enrolment into the first year of study within the period between 20 August and 31 October 2024. Specific dates for individual degree programmes shall be notified to the applicants proposed for admission via email which was stated in the application form. The dates shall also be published on the [web pages of the Faculty of Science of the University of Ostrava](#).

[1.2] **How to meet the requirement:** By completing a higher education degree programme.

[1.3] **Place (institution) to meet the requirement:** A foreign college or university.

- [1.4] **Document to demonstrate the requirement has been met:** A decision of a public university in the Czech Republic on the recognition of foreign higher education and qualification (or decision on nostrification), a foreign certificate of foreign higher education.
- [1.5] **Special option of verifying the requirement has been met:** Each institutionally accredited college or university is obliged to verify meeting the requirement under a self-assessment system exclusively for the purpose of admissions procedure into the degree programmes offered and carried out by the university itself or any of its faculties.
- [1.6] **Special option of verifying the requirement has been met at the University of Ostrava:** The procedure of verifying, whether an applicant does (or does not) meet the requirement (attainment of higher education) solely for the purpose of admission procedure at the University of Ostrava, is regulated by the internal regulation of the University of Ostrava (especially by the respective Order issued by the Rector; currently by the Order issued by the Rector under the number 69/2019; in future by succeeding Order issued by the Rector).

2. Other requirements for admission to study

2.1. Overview of degree programmes

Degree programme:	Mathematics
Specialization:	Mathematics
Type of study:	Bachelor
Form of study:	full-time
Language of tuition:	English
Maximum number of admitted students:	35
Minimum number of points:	51

Another condition for admission to study is to send/upload a motivational video in English to the designated OU cloud, with a maximum duration of 10 minutes, a maximum size of 1500 MB and in one of these formats - .avi, .mp4, .mov, .mkv, .hevc, in high image and sound quality, and with demonstrably determinable authorship on the part of the applicant (providing a passport with the same number as in the submitted application). The goal of the evaluation and assessment of the motivational video sent by the applicant is to find out the applicant's motivation, interest in

studies and the basic prerequisites for studying the Mathematics program at the Department of Mathematics, FS UO. The purpose of the motivational video is not primarily verifying the applicant's knowledge. The applicant is obliged to provide a demonstrable motivational video without undue delay after submitting the electronic application, but no later than 31 March 2024. After sending the motivational video, a video interview with one of the members of the admissions committee will follow. The interview will enable to discuss in more detail the facts that the applicant states in the motivational video. Along with the completed application form, applicants shall submit a photocopy of officially certified documents indicating studied subjects and obtained grades at the secondary school from the first to at least the penultimate term of secondary studies. If the number of applicants exceeds the capacity of the department, the admissions committee shall base its decision on admission of applicants to study upon the grade point average in mathematics from the first to the penultimate term of the secondary studies.

Degree programme:	Mathematics
Specialisation:	Mathematics
Type of study:	follow-up Master
Form of study:	full-time
Language of tuition:	English
Maximum number of admitted students:	10
Minimum number of points:	51

Another condition for admission to study is to send/upload a motivational video in English to the designated OU cloud, with a maximum duration of 10 minutes, a maximum size of 1500 MB and in one of these formats - .avi, .mp4, .mov, .mkv, .hevc, in high image and sound quality, and with demonstrably determinable authorship on the part of the applicant (providing a passport with the same number as in the submitted application). The goal of the evaluation and assessment of the motivational video sent by the applicant is to find out the applicant's motivation, interest in studies and the basic prerequisites for studying the Mathematics program at the Department of Mathematics, FS UO. The purpose of the motivational video is not primarily verifying the applicant's knowledge. The applicant is obliged to provide a demonstrable motivational video without undue delay after submitting the electronic application, but no later than 31 March 2024. Admission shall be subject to the completion of a degree programme equal or similar to Bachelor's Degree. The relevance of similar degree programmes shall be decided by the admissions committee. After sending the motivational video, a video interview with one of the members of the admissions committee will follow. The interview will enable to discuss in more detail the facts that the applicant states in the motivational video. Along with the completed application form, applicants shall submit a photocopy of officially certified documents indicating studied subjects and obtained grades during the Bachelor's Degree studies from the first to at least the penultimate term of the studies. If the number of applicants exceeds the capacity of the department, the admissions committee shall base its decision on admission of applicants to study upon the grade point average in mathematics and related courses from the first to the penultimate term of the Bachelor's Degree studies.

Degree programme:	Mathematics
Specialisation:	Fuzzy Mathematics
Type of study:	follow-up Master
Form of study:	full-time
Language of tuition:	English
Maximum number of admitted students:	10
Minimum number of points:	51

Another condition for admission to study is to send/upload a motivational video in English to the designated OU cloud, with a maximum duration of 10 minutes, a maximum size of 1500 MB and in one of these formats - .avi, .mp4, .mov, .mkv, .hevc, in high image and sound quality, and with demonstrably determinable authorship on the part of the applicant (providing a passport with the same number as in the submitted application). The goal of the evaluation and assessment of the motivational video sent by the applicant is to find out the applicant's motivation, interest in studies and the basic prerequisites for studying the Mathematics program at the Department of Mathematics, FS UO. The purpose of the motivational video is not primarily verifying the applicant's knowledge. The applicant is obliged to provide a demonstrable motivational video without undue delay after submitting the electronic application, but no later than 31 March 2024. After sending the motivational video, a video interview with one of the members of the admissions committee will follow. The interview will enable to discuss in more detail the facts that the applicant states in the motivational video. Admission shall be subject to the completion of a degree programme equal or similar to Bachelor's Degree. The relevance of similar degree programmes shall be decided by the admissions committee.

Along with the completed application form, applicants shall submit a photocopy of official documents indicating studied subjects and obtained grades during the Bachelor's Degree studies from the first to at least the penultimate term of the studies. If the number of applicants exceeds the capacity of the department, the admissions committee shall base its decision on admission of applicants to study upon the grade point average in mathematics and related courses from the first to the penultimate term of the Bachelor's Degree studies.

2.2. Conditions of admission to study

2.2.1. Reservation related to not opening a study specialisation

- [1] The faculty reserves the right to admit no applicants to study if the number of applicants that have met all admission requirements including paying the application fee as well as the annual tuition fee deposit of 30% i.e. 19,500 CZK by 15 May 2024 be

- lower than 5 applicants for the Bachelor's Degree Mathematics degree programme,
- lower than 5 applicants for the follow-up Master's Degree Mathematics degree programme, Mathematics specialisation,
- lower than 5 applicants for the follow-up Master's Degree Mathematics degree programme, Fuzzy Mathematics specialisation.

If the faculty does not open a specific study specialisation, applicants shall be returned the full amount of the financial deposit including the application fee.

[2] Possible non-opening of a study specialisation shall be made known by 11 July 2024 via the public part of the faculty web page.

2.2.2. Entrance examination

The entrance examination consists of a motivational video of the applicant in English. Admission to the follow-up Master's Degree programme shall be subject to the completion of a degree programme equal or similar to Bachelor's Degree.

2.2.3. Application and application fee

- [1] The deadline for submitting the application for Bachelor's and Master's Degree programmes in the Academic Year 2024/2025 is 15 March 2024.
- [2] The application can be submitted only electronically (e-application).
- [3] Each applicant is obliged to pay a lump sum of 2800 CZK for the activities and operations related to the admissions procedure.
- [4] Each applicant has the right to pay the application fee any time between the application submitting and 15 March 2024.
- [5] The application fee is only regarded as paid on the date on which the sum is credited to the bank account of the University of Ostrava. The deadline for crediting the sum to the university bank account has been set at 20 March 2024. In the event of failure to pay the fee in a way and time period established under these admission conditions, the applicant shall not be admitted to study.
- [6] The application fee covers the costs of the entire admissions procedure regardless of the number of the entrance examination parts. The fee is not refundable, including the cases when an applicant finally changes their mind and does not submit any application form or does not sit for the entrance examination, has not been admitted to study or has been exempted from the entrance examination.
- [7] The payment of the fee must be carried out exactly as instructed in the online application form, particularly in relation to all connecting data (bank account number, variable code and specific code). If an applicant submits more application forms, each of them is associated with a different specific code, which rules out the possibility to pay all fees within a single payment. The application fee cannot be paid in cash in the university premises.

- [8] Erroneous and late payments are returned to the applicants concerned. In such a case, the faculty charges a handling fee of 100 CZK. The payment is considered late if credited to the University of Ostrava bank account after 20 March 2024.

2.2.4. Providing an annual tuition fee deposit

- [1] Each applicant shall lodge an annual tuition fee deposit of 30%, i.e. 19,500 CZK by 15 May at the latest. The tuition fee shall then be reduced by this amount, i.e. 65,000 CZK – 19,500 CZK. If the financial deposit is not paid, the applicant shall not be admitted for study. If an applicant does not enrol to studies out of their own free will, the paid deposit is not returned.
- [2] The obligation to pay the annual tuition fee deposit does not apply to the applicants, who have been granted a scholarship within the foreign development cooperation of the Czech Republic, the so-called *government scholarship*.

2.2.5. Organisational and administrative arrangements to guarantee the rights of applicants to examine materials relevant to determining admission to study

- [1] In accordance with section 50, subsection 5 of the Act No. 111/1998 Coll. on Higher Education Institutions and on Amendment to Other Acts (hereunder "the Higher Education Act"), each applicant is entitled to examine their materials relevant to determining their admission to study.
- [2] The term
- [2.1] "examine" shall be understood to mean read the materials and make excerpts and copies,
- [2.2] "materials" shall be understood to mean all materials that have been attached to the application form, texts of all written examinations taken by an applicant including the test assignments, written assessments of examiners or their formalised comments, if kept by the examination board, including the assessment of all forms of the entrance examination, and record of the entrance examination.
- [3] Examining the materials shall only be allowed to the applicants themselves, namely in the presence of an employee of the Office for Studies in the Faculty of Science premises intended for that purpose. Instead of direct access to the file, the faculty may only enable applicants to examine a copy of the file.
- [4] In order to examine the materials, it is necessary to establish appropriate conditions and set a reasonable time limit that must not be limited to a period shorter than 30 minutes.
- [5] Prospective students that have submitted the application form for the academic year 2023/2024 and taken the entrance examination shall be allowed to examine the given materials at the Office for Studies, Faculty of Science, Chittussiho 10, Ostrava, 710 00, in the period from 10 to 12 July 2024 between 8.00 and 11.00 a.m.
- [6] The materials shall be made ready upon a written request of an applicant. The request must include the applicant's name and surname, degree programme and the date of arrival at the Office for Studies. The request must be delivered to the Office for Studies at least 2 days

before the requested date. Instead of direct access to the file, the faculty may enable the applicant to examine a copy of the file that shall be sent to the applicant by post or mail (as based on agreement).

Approved by the Academic Senate of the Faculty of Science of the University of Ostrava on October 20, 2023.

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dean of Faculty of Science