

ADMISSION REQUIREMENTS FOR DOCTORAL STUDY PROGRAMMES
ACADEMIC YEAR 2023/2024
Additional admission procedure for doctoral studies

The dean of the Faculty of Science of the University of Ostrava announces an **additional** admission procedure for the academic year 2023/2024 to doctoral study programs:

Study programme in czech language	Standard length of study	Form of study	Estimated number of candidates accepted
Applied Informatics	4	full-time	5
Biology	4	full-time	12
Biophysics and nanostructure physics	4	full-time	2
Chemistry of porous materials	4	Full-time	3
Environmental geography	4	full-time/ combined	5
Mathematics	4	full-time	5
Political and economic geography	4	full-time	5

Study programme in english language	Standard length of study	Form of study	Estimated number of candidates accepted
Applied Informatics	4	full-time	5
Mathematics	4	full-time	5

Application for study

Applicants must submit an electronic application ([e-application](#)) to the Faculty of Science of the University of Ostrava **by 31 July 2023**.

After submitting the e-application, the applicant must deliver **the mandatory** attachments to the application to the Department for Science and Doctoral Studies of the Faculty of Science of the University of Ostrava **by August 7, 2023**:

Attachment to the application:

- professional structured **curriculum vitae** with an overview of professional and publishing activities,
- **the topic of the dissertation** in the doctoral study program selected from the listed topics or the proposal of one's own topic chosen after a previous discussion with the presumed supervisor and the head of subject-area board,
- **recommendation of a university pedagogue or researcher**, if required for the study field,
- **cover letter**, if required for the study field,
- **officially certified copy of the university diploma**. Each applicant must properly complete the type of study programme - master's or doctoral study program. The applicant is obliged to submit an officially certified copy of the university diploma no later than on the day of

enrollment in the first year of study. Applicants proposed for admission to the study will be informed of the specific date of enrollment by the e-mail they stated in their application,

- **other possible attachments**, if they are required for the given study programme.

Attainment of higher education outside the Czech Republic

Each applicant must have duly completed any type of the study programmes – study programme Master's or doctoral degrees.

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.*

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 study programmes offered and carried out by the university itself or any of its faculties.*

Special option of verifying the requirement has been met at the University of Ostrava: *The procedure to verify meeting the requirement is defined in an internal regulation of the University of Ostrava, which is the Order issued by the Rector under the number 69/2019 with effect from 13 May 2019.*

More information can be found here: <https://www.osu.eu/20953/foreign-transcripts/>.

Application fee for the admission procedure - study programs in the Czech language

The applicant pays a fee of **CZK 600** for the activities and operations related to the admission procedure in one lump sum.

Application fee for the admission procedure - study programs in English language

The applicant pays a fee of **CZK 800** for the activities and operations related to the admission procedure in one lump sum.

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.

We recommend paying by credit card on-line.

In case of bank transfer:

- bank account number: 931761/0710
- variable code: 311008
- constant code: 0379

- specific code: generated by the applicants by the system when submitting the electronic application
- IBAN: CZ65 0710 0000 0000 0093 1761, SWIFT: CNBACZPP

The deadline for crediting the sum to the university bank account has been set at 23 June 2023.

- In case of incorrect payment, the applicant must pay the fee again, no later than August 7, 2023.
- Erroneous and late payments are returned to the applicants concerned. In such a case, the faculty charges a handling fee of CZK 100. The payment is considered late if credited to the University of Ostrava bank account after 7 August 2023.

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.**

The application fee covers the costs of the entire admissions procedure regardless of the number of parts of the interview.

The fee is not returned, 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.

Fee for study in study programmes conducted in a foreign language

Students studying in a study program in a foreign language pay a study fee in accordance with Section 58, Paragraph 4 of the Act. The amount of the fee for the following academic year is determined and published [in the public part of the OU website](#) for a specific faculty by the Dean no later than the last day of the deadline set for the submission of applications for studies.

When determining the amount according to the sentence, the dean will take into account in particular the economic complexity of the study and the costs of ensuring the quality of the study.

Date of entrance exam

Dates will be published later, watch continuously [the web pages of the Faculty of Science of the University of Ostrava](#).

Dates of admission interview will be published no later than July 31, 2023.

The framework dates of admission interview: 21. 8. 2023 – 31. 8. 2023.

Candidates will not be invited to the entrance examination in writing.

The results of the entrance examination and other information will be sent to candidates in writing or to the e-mail they stated in their application.

Applicants who will be accepted will receive a written invitation to study, including further instructions.

Form and content entrance exam

Study programme	Form and content entrance exam	Minimum number of points
<p>Applied Informatics</p>	<p>The applicant for the doctoral studies in the study program Applied Informatics must be a graduate from a Master study programme Informatics or Applied Informatics or in a similarly focused programme. The applicant must have corresponding knowledge primarily in the following areas: theoretical informatics at the level of a Master degree, basics directions of applied informatics at the level of a Master degree, active knowledge of specialised English in the field of informatics.</p> <p>In the course of the admission procedure, the applicant selects the focus of the doctoral study programme Applied Informatics and a supervisor is assigned. It concerns the following areas:</p> <ul style="list-style-type: none"> - Application of fuzzy modelling in data analysis and image processing. - Application of adaptive evolutionary algorithms and stochastic algorithms for global optimisation. - Application of artificial intelligence methods in the area of pattern recognition. - Formal representation of knowledge and its semantics and deduction. - Business process modelling, business ontologies, domain specific modelling. 	<p>51</p>
<p>Biophysics and nanostructure physics</p>	<p>Applicants will be admitted to the study after passing the entrance exam, which will take place in the form of an interview in front of a commission appointed by the Dean of the Faculty of Science of the University of Ostrava. The scope of required knowledge is based on the areas of the final state examination NMgr. study program Applied Physics at the Faculty of Science of the University of Ostrava, with emphasis on areas related to the proposed topic of the dissertation. Part of the interview is also verification of the ability to communicate professionally in English, so part of the interview is conducted in English. The applicant submits a motivation letter to the study application.</p>	<p>51</p>
<p>Biology</p>	<p>A prerequisite for admission is successful completion of the entrance exam and demonstration of active knowledge of the English language (at least at the intermediate level).</p> <p>The entrance exam is in the form of interview, from the areas of the candidate's specialization, such as molecular biology and genetics, microbiology, entomology, ecology, taxonomy.</p> <p>During the professional interview before the examination admissions committee, the candidate discusses the topic of his / her intended dissertation, including the methodological and practical aspects of its implementation, and demonstrates his / her knowledge of the relevant professional literature.</p> <p>With the application for admission, the applicant submits a motivation letter and a structured curriculum vitae, including an overview of publishing and other professional activities</p>	<p>51</p>

	(conferences, internships, etc.).	
Chemistry of porous materials	The entrance exam is in the form of interview before the examination admission committee, the applicant discusses the topic of intended dissertation, including the methodological and practical aspects of its implementation, and demonstrates his knowledge of the relevant professional literature. Part of the exam is a check of active knowledge of the English language, a discussion of the applicant's previous scientific experience and the applicant's motivation for doctoral studies.	51
Environmental geography	<p>Graduates of the Master's degree programme in Physical Geography or related fields may apply for admission to the doctoral study program in Environmental Geography.</p> <p>A necessary condition for admission is the successful completion of the entrance exam. With the application for admission, the applicant submits a motivation letter and, if necessary, an overview of publishing or conference activities. The entrance exam is in the form of interview, from the areas of physical-geographical and environmental-geographical. At the same time, knowledge of the English language is verified (at the level of the ability to study foreign language professional literature, listen to lectures and discuss professional problems in a foreign language). The level of knowledge and skills of the candidate, as well as his/her prerequisites for creative scientific work, will be assessed by the admissions committee.</p>	51
Mathematics	<p>The entrance examination takes a form of a selection process. During the process committee takes into consideration following documents submitted by the applicant:</p> <ul style="list-style-type: none"> ▪ Verified copy of university diploma, ▪ copies of the Diploma Supplement (or other form of confirmation of all completed courses in the bachelor and master degree validated by the respective university), ▪ curriculum vitae, ▪ list of publications, ▪ copy of diploma thesis in electronic version, ▪ covering letter in English with a field of interest and a name of a supervisor, ▪ 1-2 recommending letters (from lecturers or researchers). <p><i>The documents listed above must be delivered to the Student Affairs Office of the Faculty of Science no later than one week before the term of the sitting of the Admissions committee.</i></p>	51

<p>Political and economic geography</p>	<p>The applicant is a graduate of a Master degree programme in Political and Cultural Geography or Economic Geography and Regional Development, or equivalent study programmes at other universities. Graduates of the following related study programmes are also accepted: (regional) economics, public administration, regional development, sociology, demography, social and cultural anthropology, area studies, political science, international relations or security studies.</p> <p>The applicant should send a motivation letter, CV, a preliminary proposal for a possible PhD thesis topic (including the choice of supervisor) together with their application form. The choice of supervisor and the intended topic of the thesis are recommended to be consulted in advance with the supervisor of the doctoral studies or with individual supervisors.</p> <p>In addition, the applicant will attend an interview before the admissions committee, where candidate will demonstrate proficiency in English (at B2 level, as evidenced by certificates, state examination, university language exams, or interview), a concrete idea of his/her research project and planned internship abroad, and sufficient initial knowledge of political and economic geography at the master's level.</p> <p>Preference will be given to students who demonstrably prove their interest in the field such as: participation in scientific work during their studies, already having a publication outputs.</p>	<p>51</p>
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Each applicant can receive a maximum of 100 points from the admission interview, the points from the individual parts of the admission interview are added together.

Each applicant who does not achieve the minimum number of points has failed the admission interview and will not be admitted to study.

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