

Conditions for admission for the study in university study programmes at VŠB - Technical University of Ostrava for the academic year 2018/2019 - Doctoral study

For the following degree programme/field of study:

- Doctoral degree programme Nanotechnology with the field of study Nanotechnology in the full-time and combined form of study, the candidates are admitted for the field of study,

The general conditions for admission follow from Section 48 to Section 50 of the Act 111/1998 Coll. The Act on higher Education institutions and on the amendment and supplement to some other Acts (the Higher Education Act), as subsequently amended (hereinafter referred as the “Act”), which are further specified in the Admission Procedure Rules of VŠB-Technical University of Ostrava (hereinafter referred to as “VŠB TUO”).

The condition for admission in a Doctoral degree programme (field of study) is to complete the Master study (or its equivalent) at a higher education institution in the Czech Republic or abroad and the successful completion of the admission procedure.

Doctoral study

1. The characteristics of the study

Doctoral degree programmes are intended for graduates of the follow-up Master study of the same or related fields of study at universities in the Czech Republic or at foreign universities.

Doctoral degree programme **Nanotechnology** follows up the Master programme Nanotechnology, which is accredited by VŠB - TUO. The study is also intended for graduates of Master fields of study focused on applied physics, applied chemistry, advanced materials and technologies. Thus, it is the next stage of education in the field of nanotechnology.

The aim of the study is to deepen the theoretical basis of the particular field of study. Theoretical subjects include a detailed study of the electronic structure of materials, optical and magnetic properties of atoms and molecules and the relationship of these characteristics to the functionality of nanomaterials. An essential part of the degree programme is also studying applied mathematics, molecular modelling and computer design of nanomaterials. The programme includes advanced experimental methods for studying nanostructures and the properties of nanomaterials, which are based on the dissertation thesis topic. The study guides the student in independent creative scientific work. The achieved level of knowledge is evidenced by the doctoral state examination. The ability to achieve original research results and develop them further is evidenced by elaborating the dissertation thesis and its defence.

The study is realized in the full-time form of studies within the degree programme Nanotechnology with the field of study Nanotechnology within a proper study period of four years. The field of study is accredited in Czech and English.

2. The application for the study

- The application has to be submitted electronically (electronic application), it is available on the website of VŠB - TU Ostrava (www.vsb.cz), then **printed and together with the enclosures sent to the address:**

VŠB - Technical University of Ostrava
Studijní oddělení FMMI
Ing. Monika Barčová
17. listopadu 15
708 33 Ostrava - Poruba

The application must be accompanied by a **certified copy of the diploma and diploma supplement** (if it is a diploma from other university than VŠB - TUO). **Candidates who have completed the Bachelor study at a foreign university will demonstrate a certified copy of the achieved education (it does not apply to the Slovak Republic).** If the candidate cannot produce the aforementioned documents at the time of the application submission, s/he will bring them to the entrance interview.

A medical certificate of health for studying and for the practice of the profession is not required.

If the application has formal shortcomings, the study office of the university study programmes will ask the candidate in writing to make the corrections and additions. The admission procedure will not be initiated if the candidate does not remove the shortcomings in the application within a time limit which shall be established.

The deadline for submission of the applications is **from 1 March 2018 to 30 June 2018.**

- There is a fee for the operations associated with the admission procedure amounting to **CZK 500.00.**

The fee shall be paid to the account:

- The account number: 100954151/0300
- Variable symbol: generated on the electronic application
- Constant symbol: 0308
- The account name: VŠB-TU Ostrava, 17. listopadu 15, 708 33 Ostrava - Poruba
- IBAN: CZ51 0300 0000 0001 0095 4151

- The fee for the study in a foreign language

The fee for the study in the Doctoral degree programme (field of study) in a foreign language for each academic year amounts to **EUR 3,500.00.**

3. Entrance examination

The essence of the admission procedure is an overall assessment of the preconditions of the candidate for the study of the selected degree programme (field of study) at VŠB - Technical University of Ostrava.

Part of the entrance procedure is:

- evaluation of the Master study

- entrance examination realized in the form of an interview;
- the verification of the ability of the candidate to study in the language of the degree programme.

3.1 Invitation for the entrance interview

The candidate is invited for the entrance interview in writing by a letter dispatched to the address indicated in the application for the study.

3.2 Entrance interview

The essence of the admission procedure is an overall assessment of the preconditions of the candidate for the study of the selected Doctoral degree programme (field of study).

The admission procedure consists of an individual assessment of the submitted results of previous studies and a personal interview with the admissions committee.

Upon arrival to the entrance interview, the candidate shall demonstrate his/her identity to the authorised personnel of the university. If s/he has not produced a certified copy of the diploma and diploma supplement, s/he will submit those documents to the admissions committee. During the entrance interview, the candidate shall inform the admissions committee of the selected topic of dissertation thesis and answer questions from the members of the admission committee.

3.3 5 - Verification of the ability to study in the language of the degree programme.

Only a candidate who demonstrates the ability to study in the language of instruction of the degree programme (Czech and English) can be admitted for the study. Particularly the school-leaving examination in Czech language or the Slovak language is considered the proof of the ability to study in the Czech language. The Vice-Rector of VŠB - TU Ostrava in charge may recognize an official document of the examination in the relevant language in the state-recognized (accredited) educational facility as a proof of ability to study in the appropriate language. In other cases (English language), the ability to study in the language of the degree programmes is demonstrated by the examination in the relevant language within the previous education. In special cases, the Vice-Rector of VŠB - TU Ostrava in charge may remit this exam in the case of the candidate.

3.4 Assessment of excuses for the absence at the entrance examination

The candidate has to apologize for his/her absence at the entrance interview in writing within 5 days from the date of the entrance examination at the latest. The Vice-Rector of VŠB - TU Ostrava in charge makes decisions concerning excuses for the absence.

3.5 8 Preliminary date of the entrance interview

Preliminary date of the entrance interview is:

Nanotechnology: 12 July 2018

4. Deciding on admission to the study

4.1 Procedure when deciding on admission

On the announced date (published on the university website) the appointed admission committee will meet the Vice-Rector for the Study; the committee will examine the application without the participation of the candidates and recommend the Vice-Rector for the Study admission/rejection in the record in the Section *The Proposal of the Admissions Committee*. Based on the recommendation of the Committee, the Vice-Rector for the Study decides on the admitting or rejection of the candidate; the candidate is informed about the decision and the date of enrollment in writing. The decision may be appealed under Section 50 Subsection 7 of the Act

4.2 Notification of the candidates on admission procedure results

The candidate is notified of the results of the admission procedure in writing within 30 days from the date of the entrance examination.

4.3 The maximum number of admitted students

a) Programme Nanotechnology, field of study Nanotechnology

Full-time Doctoral study - study in Czech	20 students
Full-time Doctoral study - study in English	5 students
Combined Doctoral study - study in Czech	10 students
Combined Doctoral study - study in English	5 students

5. Related documents

Statute of VŠB - Technical University of Ostrava

Study and Examination Regulations for Doctoral degree programmes at VŠB - Technical University of Ostrava.

Topics of dissertation theses published on www.vsb.cz.

6. Final provisions

Conditions for admission for the university study programmes at VŠB - TU Ostrava for the academic year 2018/2019 were approved by the Academic Senate of VŠB - TU Ostrava on 5 December 2017. The validity of the document is finished by announcing the conditions for admission for the university degree programmes for the next academic year.