

## **Terms of Admission to Study**

### **in university degree programmes of VŠB - Technical University of Ostrava**

### **for the academic year 2019/2020 – follow-up Master study**

- for the follow-up Master degree programme **Mechatronics** with the field of study **Mechatronic Systems** in the full-time and combined form of study, both in Czech and English, applicants are admitted to the field of study,

The general conditions of admission follow from Sections 48 to 50 of Act No. 111/1998 Coll. the Higher Education Act and the amendment of other laws (the Higher Education Act), as amended (hereinafter referred to as the “Act”), which are further specified in the Rules of the Admission Procedure of VŠB - Technical University of Ostrava (hereinafter referred to as “VŠB-TUO”).

The condition of admission to study in a follow-up Master degree programme (field of study) is successful completion of the study in any type of a degree programme (Bachelor, Master, doctoral) completed with the state final examinal at higher education institutions in the Czech Republic or abroad, and successful completion of the admission procedure.

### **Follow-up Master study**

#### **1. Characteristics of the study system**

Students who have completed at least Bachelor studies may apply for the study in follow-up Master degree programmes. The follow-up Master study has a standard length of 2 years. Upon successful completion of the Master degree programme, the graduate obtains a Master’s degree (abbreviated Ing. – M. Sc.).

The follow-up Master degree programme is accredited in the full-time and combined form of study in both Czech and English language. The study is intended for graduates of Bachelor degree programmes at technical faculties of higher education institutions, especially for graduates of Bachelor degree programmes of faculties focused on mechanical engineering, electrical engineering, technology, applied sciences, mechatronics etc.

#### **2. Application for study**

- The application is available on the website of VŠB-TU Ostrava ([www.vsb.cz](http://www.vsb.cz)); it is to be submitted electronically (electronic application), then it must be printed and sent to the address:

VŠB – Technická univerzita Ostrava (VŠB - Technical University of Ostrava)  
Fakulta strojní (Faculty of Mechanical Engineering)  
Studijní oddělení (Study Office)  
17. listopadu 15  
708 33 Ostrava – Poruba

**An officially certified copy of the diploma** (if the diploma is from a university other than VŠB-TUO) must be submitted to the application for a follow-up Master degree.

**Candidates who have graduated from a foreign higher education institution will provide an officially certified copy of the evidence of education (not applicable to the Slovak Republic).**

A medical certificate of the medical fitness to study and practice of a profession is not required.

If the application has formal deficiencies, the candidate will be asked to correct and complete it. The admission procedure will not be initiated if the candidate fails to remedy the deficiencies in the application within the specified deadline.

The deadline for submission of applications is from 5 November 2018 to **31 March 2019** (the first round of admission procedure).

If the number of students admitted in the first round of the admission procedure is not fulfilled, the second or third round of the admission procedure will be open in the unfulfilled degree programmes (fields of study).

The deadline for submitting applications is from 13 May 2019 to **15 August 2019** (the second round of the admission procedure).  
from 30 August 2019 to **13 September 2019** (the third round of the admission procedure).

Only students who meet the conditions for exemption from the entrance exam (see 3.4) will be admitted to the third round of the admission procedure.

The open day will take place: **on 25 January 2019**.

An administrative fee is set for the acts associated with the admission procedure in the amount of **CZK 500.00**. Send the fee to the account:

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

The study fee for a follow-up Master degree programme (field of study) in a foreign language is EUR **4,000** for each academic year.

### **3. Entrance examination**

The essence of the admission procedure is the overall assessment of the prerequisites of the candidate for studying in the selected degree programme (field of study) of VŠB-TU Ostrava.

The admission procedure includes:

- evaluating the Bachelor study;
- entrance exam, which is written;
- verifying the candidate's ability to study in the language of instruction of the degree programme.

### **3.2 Invitation to the entrance exam**

The candidate is invited to the entrance examination in writing by a letter sent to the address stated in the application form. In the case of exemption from the entrance examination, the candidate is informed of this fact in writing together with the next steps of the admission procedure.

### **3.3 Written entrance examination in mathematics**

Upon arrival for the entrance examination, the candidate is required to prove his/her identity to the authorized staff of the university.

It is forbidden to use mobile phones, computers, the Internet access, and other communication devices during the examination.

The entrance exam is written, and it is aimed at examining the candidate's knowledge at the level of Bachelor degree programmes in three basic modules – mechanical engineering module, electrical engineering module and automation and control technology module, which form the basis of the Mechatronics degree programme.

#### Basic characteristics of the modules:

- **Mechanical engineering module**  
Mechanics of solid bodies, fundamentals of fluid mechanics and thermomechanics, machine parts and mechanisms, engineering technologies, CAD systems
- **Electrical engineering module**  
Electrical circuits, electrical measurements, electronics, electric drives, digital and microcomputer technology.
- **Automation and control technology module**  
Fundamentals of automation – logic control, control circuits, automatic control, sensor technology, control systems, mechatronic systems

The written examination has three parts focused on the modules, the individual parts consist of two examples or an example and a written answer to a professional question.

The written examination is rated 0 to 120 points.

The duration of the written examination is 90 minutes.

Permitted aids: calculators, writing implements.

### **3.4 Exemption from the written entrance examination**

It is possible to be exempted from the written entrance examination for the follow-up Master degree programme Mechatronics in the following cases:

- the applicant successfully completed his study in the Bachelor degree programme Mechatronics at VŠB-TU Ostrava and reached a weighted study average of at least 70 points for the whole study.
- the candidate successfully completed a study in a related Bachelor degree programme at technical faculties of higher education institutions. It is mainly the case of graduates of Bachelor degree programmes at faculties focused on mechanical engineering, electrical engineering, technology, applied sciences, mechatronics etc. and, at the same time, they achieved an average rating of 2.5 for subjects corresponding to individual modules of the entrance examination (mechanical engineering, electrical engineering and automation and control technology modules) – at least one subject per module.

### **3. 5 Verification of study ability in the study language of the degree programme**

Only a candidate who can demonstrate the ability to study in the language of instruction of the degree programme (Czech and English) may be admitted to the study. The proof of the ability to study in the Czech language is considered to be the secondary school-leaving examination in the Czech or Slovak language. The Deputy Vice-Rector of VŠB-TU Ostrava may, as proof of the candidate's ability to study in the relevant language, recognize an official document on passing an examination in the relevant language in a state-recognized (accredited) educational establishment. In other cases (English), the ability to study in the language of degree programmes is proven by an examination in the relevant language from previous education. In cases of particular interest, the authorized Vice-Rector of VŠB-TU Ostrava may refuse to exempt the candidate from this examination.

### **3. 6 Consideration of apologies for absence during the entrance examination**

Candidates must apologize in writing for their absence during the entrance examination not later than 5 days after the deadline for the entrance examination. The authorized Vice-Rector of VŠB-TU Ostrava decides on an apology for absence

### **3. 7 Viewing materials relevant for admission**

The candidate may, in accordance with Section 50 Subsection 5 of the Act view his/her materials that are relevant for the decision to admit him/her to study. Viewing the materials will be allowed on the day of the entrance examination, after the written entrance examination and its evaluation. The time and place will be communicated to the candidates before the written part of the entrance examination.

### **3. 8 Preliminary dates of the entrance examination**

**9 July 2019** (the first round of the admission procedure)

**16 August 2019** (the second round of the admission procedure)

#### **4. Deciding on admission to study**

##### **4. 1 Procedure when deciding on admission for the follow-up Master study**

When deciding on admission to study in a follow-up Master field of study, the candidates' ranking is based on the point evaluation achieved.

If there are more candidates with the same score as the last admitted candidate, and the specified maximum number of admissions is met, then all the candidates with that score will be accepted.

##### **4. 2 Notifying the candidates of the results of the admission procedure**

The candidate will be notified of the results of the admission procedure in writing within 30 days of the entrance examination.

##### **4. 3 The maximum number of students admitted**

Follow-up full-time Master study – study in the Czech language	30 students
Follow-up full-time Master study – study in the English language	20 students
Follow-up combination Master study – study in the Czech language	20 students

#### **5. Related documents**

Statute of VŠB – Technical University of Ostrava.

Study and Examination Regulations for follow-up Master Degree Programmes at VŠB – Technical University of Ostrava.

#### **6. Final provisions**

The conditions for admission to study in university degree programmes (fields of study) at VŠB - TU Ostrava for the academic year 2019/2020 were approved by the Academic Senate of VŠB - TU Ostrava on 23 October 2018. The validity of the document ends with the declaration of the conditions of admission for study in university degree programmes for the next academic year.