

Conditions for admission

In university study programmes at VŠB - Technical University of Ostrava for the academic year 2017/2018 - Bachelor type of study

Bachelor's degree programmes (fields of study), which will open in the academic year 2017/2018 at VŠB - Technical University of Ostrava:

- Bachelor's degree programme **Applied Sciences and Technologies** with the field of study Applied Sciences and Technologies in the full-time form of study, the candidates are admitted for the field of study,
- Bachelor's degree programme **Mechatronics** with the fields of study Mechatronic Systems and Automotive Electronics in the full-time and combined form of study, the candidates are admitted for the programme,
- Bachelor's degree programme **Nanotechnology** with the field of study Nanotechnology in the full-time form of study, the candidates are admitted for the field of study,
- Bachelor's degree programme **Physics** with the field of study Applied Physics in the full-time 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 Act 111/1998 Coll. Act on Higher Education Institutions and on the amendment and supplement to some other Acts (The Higher Education Act) as subsequently amended (hereinafter referred to as "Act").

A condition for admission in the Bachelor's degree programme is to achieve complete secondary or complete vocational education in schools in the Czech Republic or abroad and to pass the admission procedure successfully.

Bachelor study

1. The characteristics of the system of studies

Within the meaning of the conclusions and recommendations of the Bologna Declaration to be embraced also by the Czech Republic, at VŠB-TUO, structured study in the Bachelor's and the follow-up Master's degree programme is realized. After completing the Bachelor's degree programme, the graduate acquires the degree Bachelor (abbreviated as Bc.). Consequently, s/he can apply for the study in the follow-up Master's degree programme; after its completion, s/he acquires the degree Inženýr (Master) (abbreviated as Ing.).

Bachelor's degree programme **Applied Sciences and Technologies** with the field of study Applied Sciences and Technologies is accredited in the full-time form of study in Czech and English.

Bachelor's degree programme **Mechatronics** is divided into two subjects Mechatronic Systems and Automotive Electronics. The courses are accredited in full-time and combined form of study in Czech and English.

Bachelor's degree programme **Nanotechnology** with the field of study Nanotechnology is accredited in the full-time form of study in Czech and English.

Bachelor's degree programme **Physics** with the field of study Applied Physics is accredited in the full-time form of study 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 it has to be printed, **secondary school grades and study average in printed applications for the Bachelor study must be verified and signed by the secondary school and then sent to the following address:**

VŠB - Technical University of Ostrava
University Study Programmes
Study Department
17. listopadu 15
708 33 Ostrava – Poruba

It is necessary to demonstrate a **certified copy of the secondary school-leaving certificate** to the application for the Bachelor study. **The candidates who have passed the secondary school-leaving examination at a foreign school, will demonstrate a certified copy of a nostrification clause (it does not apply to the Slovak Republic).** The candidate, who will graduate in the current year, will submit a copy of the secondary school-leaving certificate no later than on the entrance examination day; in justified cases, the deadline for submission of the secondary school-leaving examination certificate is the day of enrolment (for Bc. Study).

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 **30 April 2017** (the 1st round of the admission procedure).

In the event that the number of the admitted students is not full in the first round of the admission procedure, the second round of the admission procedure will be opened in programmes (fields of study) that have not been filled completely.

The deadline for submission of the applications is **15 April 2017** (the 2nd round of the admission procedure).

Open Day will take place on: **3 February 2017**.

- 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 Bachelor's 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 study programme (field of study) at VŠB - Technical University of Ostrava.

The entrance procedure includes:

- the evaluation of the study at the secondary school;
- entrance exam, which has a written form;
- the verification of the ability of the candidate to study in the language of the study programme.

3.1. Method of assessment of the secondary school study results

The results from the secondary school are evaluated within the point system on the basis of the average of the study results achieved in the last four years of study.

3. 2. The invitation to the entrance exam

The candidate is invited for the entrance exam in writing by a letter dispatched to the address indicated in the application for the study. In the case of remission of entrance exam,

the candidate shall be informed about this fact together with the next steps of the admission procedure.

3.3. Written entrance exam in mathematics

Upon arrival for the entrance exam, the candidate shall demonstrate his/her identity to the authorised personnel of the university.

During the test, it is forbidden to use mobile phones, computers, connection to the Internet, and other communication technologies.

The written entrance exam for all candidates of the Bachelor study in the above-mentioned programmes and fields of study is identical.

Recommended literature:

Boháč, Z. - Burda, P. - Doležalová, J.: Matematika pro přípravný kurz a přijímací zkoušku na VŠB-TUO. Skriptum VŠB-TUO, Ostrava 2003. ISBN 80-7078-278-1.

Polák, J.: Přehled středoškolské matematiky. SPN, Praha 1991. ISBN 80-85849-78-X.

Polák, J.: Středoškolská matematika v úlohách I. Prometheus, Praha 1996.

mdg.vsb.cz, links "For candidates for the study" and "Study materials"

Topics:

Modification of the algebraic expressions, solutions of equations (linear, quadratic, exponential, logarithmic, goniometric) and inequations (with the absolute value, in the shape of the product and quotient), definition disciplines of elementary functions, trigonometry, analytic geometry in the plane, arithmetic and geometric sequences.

The number of examples in the written test: 6.

The method of evaluation: 0 to 120 points for the written test.

The duration of the written test: 90 minutes.

The permitted aids: calculators (not necessary), writing utensils.

3.4. Remission of the written entrance exam

Study programme Applied Sciences and Technologies

The written entrance exam for the Bachelor's degree programme Applied Sciences and Technologies with the field of study Applied Sciences and Technologies can be remitted in the following cases:

- a) s/he passed the secondary school-leaving exam in mathematics, physics or chemistry with excellent or very good grade, or
- b) s/he passed the secondary school-leaving exam "Mathematics +" or
- c) s/he achieved the 40th percentile and above in the national comparative test of general study prerequisites, conducted by SCIO, or

d) during the secondary studies - grammar school, secondary technical school (in the last four years of multi-annual secondary studies) s/he achieved the results with an average of 2.00 inclusive, and s/he did not have the subjects mathematics, physics and chemistry evaluated by grade 4.

Degree programme Mechatronics

The written entrance exam for the Bachelor's degree programme Mechatronics with the fields of study Mechatronic Systems and Automotive Electronics can be remitted in the following cases:

- a) s/he passed the secondary school-leaving exam in mathematics with excellent, very good, or good grade, or
- b) s/he passed the secondary school-leaving exam "Mathematics +" or
- c) s/he achieved the 40th percentile and above in the national comparative test of general study prerequisites, conducted by SCIO, or
- d) during the secondary studies - grammar school, secondary technical school (in the last four years of multi-annual secondary studies) s/he achieved the results with an average of 2.00 inclusive, and s/he did not have the subjects mathematics and physics evaluated by grade 4.

Degree programme Nanotechnology

The written entrance exam for the Bachelor's degree programme Nanotechnology with the field of study Nanotechnology can be remitted in the following cases:

- a) s/he passed the secondary school-leaving exam in mathematics, or
- b) s/he passed the secondary school-leaving exam "Mathematics +", or
- c) s/he achieved the 40th percentile and above in the national comparative test of general study prerequisites, conducted by SCIO, or
- d) during the secondary studies - grammar school, secondary technical school (in the last four years of multi-annual secondary studies) s/he achieved the results with an average of 2.00 inclusive, and s/he did not have the subjects mathematics, chemistry, and physics evaluated by grade 4.

Degree programme Physics

The written entrance exam for the Bachelor's degree programme Physics with the field of study Applied Physics can be remitted in the following cases:

- e) s/he passed the secondary school-leaving exam in mathematics or physics with excellent, very good, or good grades, or
- f) s/he passed the state secondary school-leaving exam in mathematics, or
- g) s/he achieved the 40th percentile and above in the national comparative test of general study prerequisites, conducted by SCIO, or
- h) during the secondary studies - grammar school, secondary technical school (in the last four years of multi-annual secondary studies), s/he achieved the results with an average up to 2.5 inclusive, and for each of the subjects mathematics and physics the results with an average up to 2.5 inclusive.

If the number of applicants who meet one of the above conditions for admission without the entrance exam in any of the degree programmes (fields of study) exceeds 90 % of the indicative figure of the given degree programme (field of study), the right is reserved to cancel the admission without the entrance exam for the given degree programme (field of study). In this case, the entrance exam must be completed for all candidates for the given degree programme (field of study).

3.6. Verification of the ability of the candidate to study in the language of instruction for the degree programme.

Only a candidate who demonstrates the ability to study in the language of instruction for the degree programme (Czech and English) can be admitted for the study. The proof of the ability to study in the Czech language is particularly the school-leaving examination in the Czech language or the Slovak 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.

3.7. Assessment of excuses for the absence at the entrance examination

The candidate has to apologize for his/her absence at the entrance examination 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.

3.8. Access to the materials decisive for admission

The candidates, in accordance with Section 50 Subsection 5 of the Act, have access to their materials that have a bearing on their admission. Access to the materials will be enabled on the day of the entrance examination, and after completion of the written entrance examination and its evaluation. The candidates will be notified on the time and place before the start of the written part of the entrance examination.

3.9. Preliminary date of the entrance examination

22 June 2017 (the 1st round of the admission procedure).

24 August 2017 (the 2nd round of the admission procedure).

4. Deciding on admission to the study

4.1. Procedure when deciding on admission to the Bachelor study

When deciding on admission for the study in the Bachelor's degree programme (field of study), the candidates are ranked according to the achieved results from the secondary school (core subjects), including the secondary school-leaving examination and the results of the entrance examination.

4.1.1 The results of the study from the secondary school are evaluated based on the average results of the core subjects at the secondary school (mathematics, physics, chemistry) and on the average results of the secondary school-leaving examination. From the resulting average, the candidates obtain from 0 to 120 points (120 points correspond to an average of 1.0, 0 points to an average of 4.0) according to the formula $y = 120 - 40(x - 1)$, where x is the average calculated from the aforementioned two averages.

4.1.2 Further 0-120 points can be obtained based on the results of the entrance examination, or its remission according to section 3.4.

- a) secondary school-leaving exam in mathematics, physics or chemistry with excellent, very good, or good grade

Secondary school-leaving exam in mathematics, physics or chemistry	Number of points
1	120
2	100
3	80

- b) the national comparative test of general study prerequisites, conducted by SCIO - 40th percentile and above

SCIO / percentile	Number of points
100.00 - 80.00	120
80.01 - 70.00	110
70.01 - 60.00	100
60.01 - 50.00	90
50.01 - 40.00	80

- c) during the secondary studies - grammar school, secondary technical school (in the last four years of multi-annual secondary studies) s/he achieved the results with an average of 2.00 inclusive, and s/he did not have the subjects mathematics, physics, and chemistry evaluated by grade 4.

Average	Number of points
1.00 - 1.50	120
1.51 - 1.75	100
1.76 - 2.00	80

In the event that the applicant satisfies several conditions for exemption from the entrance examination, the points of higher value are counted.

The sum of the above-mentioned points represents total points of the candidate in the admission procedure, and it is the basis for the overall ranking of the candidates. At least 80 points must be achieved for admission. If there are more candidates who achieved the same point ranking as the last admitted candidate satisfying the specified highest number of admitted candidates, all candidates with that ranking will be admitted.

4.2. Notification of candidates for entrance examination results

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

4.3. Maximum number of admitted students

- a) **Programme Applied Sciences and Technologies, field of study Applied Sciences and Technologies**

Full-time Bachelor study - study in Czech	90 students
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- b) **Programme Mechatronics**

Full-time Bachelor study - study in Czech	50 students
Full-time Bachelor study - study in English	20 students
Combines Bachelor study - study in Czech	20 students

- c) **Programme Nanotechnology, field of study Nanotechnology**

Full-time Bachelor study - study in Czech	40 students
Full-time Bachelor study - study in English	20 students

d) Programme Physics, field of study Applied Physics

Full-time Bachelor study - study in Czech	40 students
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5. Related documents

Statute of VŠB - Technical University of Ostrava
 Study and Examination Rules and Regulations for Bachelor's degree programmes at VŠB - Technical University of Ostrava.

6. Final Provisions

Conditions for admission for the university degree programmes (fields of study) at VŠB-TU Ostrava for the academic year 2017/2018 were approved by the Academic Senate of VŠB-TU Ostrava on 13 December 2016. The validity of the document expires on announcing the conditions for admission for the university degree programmes for the next academic year.