

Conditions for admission to a full-time two-year follow-up master degree study program "Biomedical and clinical technology," in the English language for the academic year 2019/2020

The condition for admission is due completion of studies in a bachelor, follow up master or master study program at a Czech or foreign institute of higher education with an appropriate study level (in case of foreign university a rating list of universities and institutes of higher education used by prestigious foreign universities shall apply). Each applicant has to pass the admission procedure. The admission procedure consists of the entrance examination and submission of the below mentioned documents. Each applicants shall submit:

- 1) Certified copy of a certificate recognizing the university education or its part in the Czech Republic. It is issued by the Ministry of youth and education of the Czech Republic or an authorized university in the Czech Republic (you can find detailed information on <http://en.fbmi.cvut.cz/students/news> in section called Recognition of a university diploma).
- 2) Cover (motivation) letter (for details see below).
- 3) Certified copy of a diploma (both the diploma and the diploma supplement) or a confirmation on successful passing of the final state examination and a certified copy of the transcript of subjects – all translated into the English language. The translation must be done by a court translator.

The applicants who have not completed their studies by the time of submission of their application shall present the respective documents (except for the cover letter) later, but no later than by the **September 16, 2019**. Any documents submitted later shall be disregarded. The cover letter must be submitted simultaneously with submission of the application.

The maximum number of students admitted to a study program is 40, the minimum number for opening a program is 1 student, i.e. if there is less than 1 application received by the deadline, the given study branch will not be opened.

Study branch Biomedical Engineering – full-time study – basic knowledge of mathematics, physics, chemistry, biology, electrical engineering and programming are required as well as the ability of the applicants to apply and integrate them. The ability to independently conduct scientific research into a specific topic within the project is required as well as the ability to design products that can solve problems in the biomedical and clinical engineering. It is necessary to be fluent in English both written and oral.

Study branch Systematic Integration of Processes in Health Service – full-time study – basic knowledge of mathematics, physics, biology, anatomy and physiology is necessary as well as the ability of the applicants to apply and integrate the knowledge and understanding of medical, technological and economic sciences and the ability to independently run projects and be in charge of management of HR. The ability to solve problems in provision of healthcare services is also necessary. It is necessary to be fluent in English both written and oral.

Study branch Instruments and Methods for Biomedicine – full-time study – the basic knowledge of mathematics, physics, chemistry, biology and molecular biology is necessary as well as ability to apply and integrate knowledge and understanding of mathematics, physics, chemistry and biology together with the ability to independently conduct scientific research into a specific topic. The ability to solve problems independently in biomedicine service is also necessary. It is necessary to be fluent in English both written and oral.

Entrance examination consists of a motivation letter in English and an interview in English. In case of the CEMACUBE applicants the entrance examination will be replaced by the results of the successful CEMACUBE study program entrance examination (see www.biomedicaltechnology.eu).

Cover letter

Applicants interested in the follow-up two year biomedical and clinical technology program Biomedical and clinical technology (study branch Biomedical Engineering, Systematic of Integration Processes in Health Service and Instruments and Methods for Biomedicine) should be aware of the fact that the motivation letter plays an important role in the admission procedure. The motivation letter gives the Admission Committee relevant clues concerning the suitability of a candidate for the program. Candidates are advised to address the following issues:

- Why did you choose Biomedical and clinical technology as the main subject of your master program?
- Why do you apply for the Biomedical and clinical technology program (study branch Biomedical Engineering or Systematic Integration of Processes in Health Service or Instruments and Methods for Biomedicine) in particular, rather than to other comparable program/study branches?
- Why do you apply for a program/study branch that is aimed at preparation and training for a subsequent biomedical engineering clinical practice, health service management or scientific research?
- Why do you think that you are a suitable candidate for such a program/study branch?
- Do you have any idea about the topic of your master thesis?
- How will you fit in a group of students from all over the world, all with different backgrounds?
- What are your future plans after you get your master degree?

Length of the cover letter: maximum 750 words!

Interview in English

Your ability to communicate effectively in English will be verified by a Skype interview. The interview will take place between **23th April – 26th April 2019 / 13th May – 17th May 2019**. The applicant shall be informed about the date and time of the interview by email, to the email address listed in the application form (we would like to ask the applicants to attach their SKYPE contact details to the application form in order to make the communication easier).

Applications for study in the English language in a follow-up study program Biomedical and clinical technology in the branch Biomedical Engineering, Systematic Integration of Processes in Health Service and Instruments and Methods for Biomedicine must be filled in electronically on web page <http://prihlaska.cvut.cz> (choose the English version) and must be submitted either in printed form in person or through postal service too. The last day to accept application forms for the academic year **2019/2020 is April 1, 2019** by 15:00 (CET) in case of personal delivery to the officer of the study department of CTU FBME.(<http://en.fbmi.cvut.cz/information-for-students/prospective-full-time-students/study-information>) In case of sending the document by post, the date on the stamp must be **April 1, 2019 at the latest**. Application forms submitted later will be disregarded. Address: ČVUT v Praze, Fakulta biomedicínského inženýrství, study department, nám. Sítná 3105, 272 01, Kladno, Czech Republic. All other information may be obtained on phone n. +4200 224 358 497 e-mail: jirotver@fbmi.cvut.cz, or on phone number +4200 224 358 493 e-mail: kulhaluc@fbmi.cvut.cz. This also applies to CEMACUBE students.

The electronic application form must be **printed out, signed and sent** to the study department (contact and manner of submission please see above). Condition for inclusion of the printed application to the admission procedure is fully completed and signed application form with a proof of payment of the administrative fee and the cover letter. We advise you **to scan everything and send by it by email** to the study department to the email address jirotver@fbmi.cvut.cz and the International office email: kulhaluc@fbmi.cvut.cz prior to sending the printed form with all enclosures by post informing about the date when to expect the delivery of the application form.

The administrative fee for the admission procedure is CZK 650,-. The fee can be paid by postal order type A, wire transfer or by a payment card online directly in the electronic application to study through the payment gateway. Bank details: Komerční banka Praha 6, account number 27-7380010287/0100, (applicants outside of the Czech Republic also have this IBAN: CZ2601000000277380010287, Swift Code: KOMBCZPP). Use the number 77777 as a variable symbol and use your application number as a specific symbol. The administrative fee is not refundable under any circumstances, not even in case of not opening the study branch and thus no entrance examination).

If the applicant is admitted, he/she will be informed about the date of enrolment to studies (in the period from 16.9.2019 to 20.9.2019). If the applicant does not appear for the enrolment it is regarded as a proof of not being interested in commencement of studies.

Studies in the English language are paid. The tuition fee is set in compliance with the valid CTU Status, article 11 and Enclosure 5 to the CTU Status (see <http://en.fbmi.cvut.cz/faculty/documents>).

The self-funding students (this does not apply for CEMACUBE program) of the follow up master study program Biomedical and clinical technology in the English language and studying for the standard period of time are entitled to a scholarship. In the academic year 2019/20 it will be CZK 25.000, - per semester. This scholarship will be awarded to the students in order to support studies in the Czech Republic and under the prescribed conditions (payment of the tuition fee within the set time limit and submission of the requested documents). The self-funding students (this does not apply to CEMACUBE program) are also entitled to a scholarship for excellent study results. The amount of these scholarships and conditions for their award in the relevant academic year is in compliance with the CTU Scholarship rules and the Directive of the Dean concerning bachelor and follow up master study programs at the Faculty of biomedical engineering of the CTU.

Approved by the Academic Senate of the FBME CTU on 13th November 2018.

prof. MUDr. Ivan Dylevský, DrSc.
Dean of FBME CTU