

## 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 2018/2019

The condition for admission to study is due completion of studies in a bachelor degree study program at a Czech or foreign institute of higher education with an appropriate and sufficient level (in relation to foreign institutes of higher education, a rating list of institutes of higher education used by prestigious foreign universities shall apply). Every applicant has to pass the entrance examination in English. The applicants shall submit an authenticated copy of their bachelor degree diploma and an authenticated copy of their transcript of subjects translated into English (i.e. diploma with a diploma supplement) or a certificate of successful passing of the final state examination. The translation into the English language has to be done by a sworn translator. The validation clause concerning the recognition of the foreign education (bachelor degree study program) in the Czech Republic is required too (detailed info is available on the address [studijni@fbmi.cvut.cz](mailto:studijni@fbmi.cvut.cz)). The applicants who have not completed their studies in the bachelor degree study program by the time of submission of their application shall present the respective documents later, but no later than by the **24<sup>th</sup> September 2018 (28<sup>th</sup> September 2018** – this applies only to students in the international study program CEMACUBE). Any documents submitted later shall be disregarded. The maximum number of students admitted to a study program is 40; the minimum number for opening a program is 1 student. The Faculty Dean shall specify the tuition fee (this does not apply to CEMACUBE students) in a contract with a student in an amount, which is in accordance with the current and valid CTU Status Art. 11 and Enclosure No. 5 to the CTU Status.

***Study branch Biomedical Engineering – full-time study*** – basic knowledge of mathematics, physics, chemistry, biology, electrical engineering and programming is required as well as the ability of the applicants to apply and integrate the knowledge. The ability to independently conduct scientific research on 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.

***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 systematically in the field of provision of healthcare services is also necessary.

***Study branch Instruments and Methods for Biomedicine – full-time study*** – basic knowledge of mathematics, physics, chemistry, biology and molecular biology is necessary as well as the ability to apply and integrate this knowledge. The ability to independently conduct scientific research on a given topic is also required as well as the ability to systematically solve problems in biomedicine.

**Entrance examination in English consists of a motivation letter and a test of proficiency in English.** In case of CEMACUBE applicants the entrance examination will be replaced by the results of the CEMACUBE study program entrance examination (see [www.biomedicaltechnology.eu](http://www.biomedicaltechnology.eu)).

### **Motivation letter**

Applicants interested in the follow-up two-year biomedical and clinical technology program (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 at least the following issues:

- Why do 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 future thesis (master project)?
- How will you fit in a class of students from all over the world, all with different backgrounds?
- What are your plans after you get your master degree?

***Length of the motivation letter: maximum 750 words!***

### **Proficiency in English**

Your ability to communicate effectively in English, both in written and in oral forms is required. This will be verified by a Skype interview based on a previously announced schedule (**23<sup>th</sup> April – 27<sup>th</sup> April 2018 / 14<sup>th</sup> May – 18<sup>th</sup> May 2018**).

**Applications for study** 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). It must be also submitted in printed form and delivered either in person or through post. The last day to accept application forms for the academic year **2018/2019 is 29<sup>st</sup> March 2018** until 15:00 (local time) in case of personal delivery to the officer of the study department of CTU FBME. In case of sending the document by post, the date on the stamp must be **31<sup>st</sup> March 2018** at the latest. Applications sent and submitted later shall be disregarded. In case of the CEMACUBE applicants, this procedure also applies. All information may be obtained at the study department of FBME CTU (nám. Sítná 3105, 272 01 Kladno, Czech Republic, for *SELF-FUNDING students*: Study department, phone: +420 224 358 497 e-mail: [jirotver@fbmi.cvut.cz](mailto:jirotver@fbmi.cvut.cz), for CEMACUBE students: International Relations & Science and Research +420 224 358 493 e-mail: [kulhaluc@fbmi.cvut.cz](mailto:kulhaluc@fbmi.cvut.cz), web: <http://en.fbmi.cvut.cz/students/news>).

The electronic application form must be printed out, signed and sent to the study department. (see contact above) Condition for inclusion of the printed application to the admission procedure is a fully completed and signed application form with a proof of payment of the administrative fee. Medical certificate is not required. The administrative fee for the admission procedure is CZK 650, - in case of the electronic application. (The administrative fee does not apply to CEMACUBE students) 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 connection: Komerční banka Praha 6, account number 27-7380010287/0100, 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.

Approved by the Academic Senate of the FBME CTU on 31<sup>th</sup> October 2017.

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