In Prague on 3. 11. 2021
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DEAN'S MEASURE No. 13/2021

Conditions for the Admission to Study in Master Degree Study Programmes Implemented at the Faculty of Civil Engineering CTU in Prague in the 2022/2023 Academic Year

Pursuant to Art. 18 para. 4 of the Statute of the Faculty of Civil Engineering of the Czech Technical University in Prague, I hereby issue the following measure:

Preamble

The admission of applicants to Master degree study programmes is regulated by the following documents:
Act No. 111/1998 Coll. on Higher Education Institutions and on Amendments and Supplements to some other Acts as amended,
The Statute of CTU in Prague,
these "Conditions for the Admission to Study in Master Degree Study Programmes Implemented at the Faculty of Civil Engineering CTU in Prague"
and the Dean's Directive "Public Announcement of Admissions Proceedings to Master Degree Study Programmes Organised at the Faculty of Civil Engineering CTU in Prague in the 2022/2023 Academic Year" (hereinafter "Dean's Directive").
This measure lays out the conditions for the admission to study, the composition and content of the entrance examination, the minimum number of points for the entrance examination necessary for admission, the highest numbers of students admitted to study in individual study programmes, the conditions for the entrance examination waiver.

Article 1
Conditions for the admission to study

(1) Basic conditions for the admission to study in Master degree study programmes:
   a. Successful completion of Bachelor degree studies:
      In the study programmes of *Civil Engineering/Stavební inženýrství, Buildings and Environment, Intelligent Buildings, Integral Safety of Constructions, Civil Engineering* and *Water and Environmental Engineering,* successful completion of a Bachelor degree study programme oriented towards civil engineering or architecture or building engineering.
      In the study programme of *Architecture and Building Sciences*, successful completion of a Bachelor degree study programme oriented towards architecture and civil engineering with minimally four courses of a *Studio* type as part of study, where the study was completed by a Bachelor's thesis elaborated in the form of an architectural study or a building project.
      In the study programme of *Geodesy and Cartography,* successful completion of a Bachelor degree study programme oriented towards geodesy and cartography or geomatics.
   b. Submission of a properly filled in application form by the 31st March 2022.
   c. Submission of enclosures to the application form specified in the Dean's Directive.
   d. Gaining the minimum number of points in the entrance examination pursuant to Art. 3.
   e. In the case of foreign citizens (excluding applicants from the Slovak Republic) applying for study in a study programme taught in Czech, certification of their readiness to study in Czech in one of the ways specified in the Dean's Directive.
   f. In the case of applicants for study in a study programme taught in English, certification of their readiness to study in English in one of the ways specified in the Dean's Directive.

(2) The applicants who have complied with the conditions specified in Art. 1 para. 1 will be admitted to study at the Faculty of Civil Engineering CTU in Prague (hereinafter "FCE") in the order given by the total number of points obtained in the admissions proceedings pursuant to Art. 2 para. 3, maximally in numbers filling individual study programmes and branches or specializations as specified in Art. 5 para. 5, to capacity. If more applicants occupy the last place based on the number of points specified in Art. 5 para. 1, all these applicants will be admitted.

Article 2
Composition and content of the entrance examination

(1) In the study programmes of *Civil Engineering/Stavební inženýrství*, *Integral Safety of Constructions, Geodesy and Cartography*, *Buildings and Environment, Intelligent Buildings, Civil Engineering* and *Water and Environmental Engineering,* the entrance examination consists of a written test in branch-oriented thematic areas.
General requirements for the examination are specified in the Dean's Directive.
For the applicants who completed their study in a related Bachelor degree branch of study at FCE in the 2021/2022 or 2020/2021 academic year pursuant to Art. 4, the results of their oral examinations in thematic areas of the state graduation examination will be recognised as the results of the entrance examination. The number of points for the entrance examination will be specified as the average of the point evaluation of the examinations in thematic areas pursuant to Art. 3 para. 3.

(2) In the study programme of *Architecture and Building Sciences,* the entrance examination consists of two parts:
- oral part – an interview about architecture and architectural design of buildings, including the submission of a portfolio of architectural works;
- written part – a test in technical design of buildings.

General requirements for the examination are specified in the Dean's Directive.

(3) For the applicants for the study programme of *Architecture and Building Sciences* who completed their studies by the defence of a Bachelor's thesis registered at the Department of Architecture FCE in the 2021/2022 or 2020/2021 academic year, the overall results of the state graduation examination will be recognised as the results of the entrance examination. The number of points for the entrance examination will be specified as the point evaluation of the resulting mark for the state graduation examination pursuant to Art. 3 para. 3.

Article 3
Number of points for the entrance examination

(1) The minimum number of points for the entrance examination necessary for the admission to study:
a. In the study programmes of *Civil Engineering/Stavební inženýrství*, *Integral Safety of Constructions, Geodesy and Cartography*, *Buildings and Environment, Intelligent Buildings, Civil Engineering* and *Water and Environmental Engineering*:
40 for the entrance examination (max. possible number of points is 100)
b. In the study programme of *Architecture and Building Sciences*:
20 points for the oral part of the examination (max. possible number of points is 50)
20 points for the written part of the examination (max. possible number of points is 50).

(2) Total numbers of points in admissions proceedings:

a. In the study programmes of *Civil Engineering/Stavební inženýrství*, *Integral Safety of Constructions, Geodesy and Cartography*, *Buildings and Environment, Intelligent Buildings, Civil Engineering* and *Water and Environmental Engineering,* the total number of points in the admissions proceedings is calculated as

25 % of the results of the entrance examination (max. 100 points)
and 75% of the study results obtained in Bachelor degree studies (max. 300 points).

The results of Bachelor degree studies are calculated as the study weighted average of all courses considered with a weight of 0.8 and the mark for the Bachelor's thesis defence considered with a weight of 0.2.

The total number of points obtained in the admissions proceedings (max. 400 points) is calculated from the formula

$$Z + 3\,(0.8 \cdot P + 0.2 \cdot B)$$

where: Z is the number of points for the entrance examination,
P is the point evaluation of the study weighted average of all courses completed in Bachelor degree studies (specified pursuant to Art. 3 para. 3),
B is the point evaluation of the mark for the Bachelor's thesis defence (specified pursuant to Art. 3 para. 3).

b. In the study programme of *Architecture and Building Sciences,* the total number of points in the admissions proceedings is calculated as

25 % of the results of the entrance examination (max. 100 points)
and 75 % of the study results obtained in Bachelor degree studies (max. 300 points).

The results of Bachelor degree studies are calculated as the study weighted average of "Studio" courses considered with a weight of 0.5, the study weighted average of all courses considered with a weight of 0.3 and the mark for the Bachelor's thesis defence considered with a weight of 0.2.
The total number of points obtained in the admissions proceedings (max. 400 points) is calculated from the formula

$$Z + 3\,(0.5 \cdot A + 0.3 \cdot P + 0.2 \cdot B)$$

where: Z is the number of points for the entrance examination,
A is the point evaluation of the study weighted average of "Studio" courses completed in Bachelor degree studies (specified pursuant to Art. 3 para. 3),
P is the point evaluation of the study weighted average of all courses completed in Bachelor degree study (specified pursuant to Art. 3 para. 3),
B is the point evaluation of the mark for the Bachelor's thesis defence (specified pursuant to Art. 3 para. 3).

(3) The study weighted average is identified pursuant to Art. 12 of the Study and Examination Rules for Students of CTU in Prague as amended. If some other university does not use a credit system, the course weight is given by the number of its teaching units per week.

The study weighted average is recalculated into point evaluation using the formula:

(125 – 25 · PR), where PR is the respective study weighted average expressed using two decimal places.

The marks for individual parts of the state graduation examination and the resulting mark are recalculated into the point evaluation as follows:

A (excellent)	100	points;
B (very good)	87.5	points;
C (good)	75	points;
D (acceptable)	62.5	points;
E (satisfactory)	50	points.

(4) Depending on the results of the admissions proceedings the Dean may reduce the minimum numbers of points required for the successful passing of the entrance examination to individual study programmes (see Art. 3 para. 1)

Article 4
List of related branches of study or specializations

Study programme	Master degree branch of study or specialization	Related Bachelor degree study programme of branch of study
Civil Engineering/Stavební inženýrství	Building Structures	Building Structures Fire Safety of Constructions Architecture and Building Sciences Building Structures
	Structural and Transportation Engineering	Structural and Transportation Engineering
	Materials Engineering	Building Structures Structural and Transportation Engineering Building Structures
	Water Management and Water Structures	Water Management and Water Structures Environmental Engineering
	Environmental Engineering	Environmental Engineering Water Management and Water Structures
	Project Management and Engineering	Construction Management and Economics Preparation, Erection and Operation of Constructions
	Construction Management	All branches of the study

		programmes of Civil Engineering and Architecture and Building Sciences except for the branch of Construction Management and Economics
	Preparation, Erection and Operation of Constructions	Preparation, Erection and Operation of Constructions Construction Management and Economics
Integral Safety of Constructions		Fire Safety of Constructions Building Structures Building Structures
Architecture and Building Sciences		Architecture and Building Sciences
Geodesy and Cartography	Engineering Geodesy	Geodesy and Cartography Geoinformatics Geodes, Cartography and Geoinformatics
	Geomatics	Geodesy and Cartography Geoinformatics Geodesy, Cartography and Geoinformatics
Buildings and Environment	Buildings and Environment	Building Structures Architecture and Building Sciences Building Structures
Intelligent Buildings		Building Structures Architecture and Building Sciences Building Structures
Civil Engineering	Building Structures	Building Structures Building Structures Fire Safety of Constructions Architecture and Building Sciences
Water and Environmental Engineering		Water Management and Water Structures Environmental Engineering Building Structures

Article 5
Numbers of students admitted to study in individual study programmes or branches of study or specializations

(1) Maximum numbers of students admitted to study in individual study programmes or branches of study or specializations

Study programme	Branch of study or specialization	Maximum number of students
Civil Engineering/Stavební inženýrství		**320**
	Building Structures	70
	Structural and Transportation Engineering	60
	Materials Engineering	15
	Water Management and Water Structures	25
	Environmental Engineering	20
	Project Management and Engineering	45
	Construction management	25
	Preparation, Erection and Operation of Constructions	60
Integral Safety of Constructions		**30**
Architecture and Building Sciences		**120**
Geodesy and Cartography		**40**
	Engineering Geodesy	25
	Geomatics	15
Buildings and Environment	Buildings and Environment	**90**
Intelligent Buildings		**20**

Civil Engineering	Building Structures	**20**
Water and Environmental Engineering		**40**

(2) While announcing the admissions proceedings the Dean may condition the opening of some study programmes or branches of study or specializations by minimum numbers of students admitted to study in these study programmes or branches of study or specializations.
(3) The Dean may increase the maximum numbers of students admitted to study in individual study programmes or branches of study or specializations as specified in Art. 5 para. 1, based on the Ministry of Education, Youth and Sports limits for the numbers of financed students or considering the numbers of applicants registered for individual branches of study or specializations.

Article 6
Entrance examination waiver

(1) Upon written request, the entrance examination may be waived by the Dean to foreign citizens (excluding applicants from the Slovak Republic) who apply for study in the study programme of *Civil Engineering* and certify their corresponding knowledge of English in the application form pursuant to para. 1f).

Article 7
Additional provisions

(1) The course of the admissions proceedings, including the dates of entrance examinations, is regulated by the Dean's Directive.
(2) The conditions for the admission to study in the branches of study in the study programme of *Civil Engineering* incorporated into the European Erasmus+ programme are common for all partner institutions and are published on the following websites:
https://msc-sahc.org/ – for the branch of study of *Advanced Masters in Structural Analysis of Monuments and Historical Constructions*;
http://steel.fsv.cvut.cz/suscos/index.htm– for the branch of study of *Sustainable Constructions under Natural Hazards and Catastrophic Events*.
(3) If special University authorizations under emergency situations pursuant to §95 a-d of Act No. 111/1998 Coll. on Higher Education Institutions apply at the time of the on-going admissions proceedings, the Faculty Dean may postpone the dates of the oral and written part of the entrance examinations to a later date so that they can be held in the face-to-face format to the maximum possible extent. The application of this article is at the Dean's discretion depending on the current situation.
(4) FCE does not accept applications from the applicants who were expelled from study at FCE CTU in a disciplinary proceeding under Art. 2 of the Disciplinary Code for the Students of CTU in Prague, or who terminated their study by withdrawing from study during an opened disciplinary proceeding, or who cheated during previous admissions proceedings to FCE.
(5) The applicants who cheat during the admissions proceedings will not be admitted to study at FCE. The decision whether an applicant cheated is at the Dean's discretion.

Article 8
Effect

(1) This measure comes into effect on the date of its announcement.
(2) These conditions were approved by the FCE Academic Senate on 3. 11. 2021

prof. Ing. Jiří Máca, CSc., m.p.
Dean