In Prague on 21. 12. 2022
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DEAN'S MEASURE No. 15/2022

Conditions for Admission to Study in Follow-up Master's Degree Study Programmes Implemented at the Faculty of Civil Engineering CTU in Prague in the 2023/2024 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 follow-up Master's 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 Admission to Study in Follow-up Master's Degree Study Programmes Implemented at the Faculty of Civil Engineering CTU in Prague"
and the Dean's Directive "Public Announcement of Admissions Proceedings to Follow-up Master's Degree Study Programmes Organised at the Faculty of Civil Engineering CTU in Prague in the 2023/2024 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 highest numbers of students admitted to study in individual study programmes, the conditions for the recognition of the results of Bachelor's degree studies as the entrance examination results, the conditions for passing the entrance examination in the on-line format.

Article 1
Conditions for admission to study

(1) Basic conditions for admission to study in Master's degree study programmes:
   a. Successful completion of Bachelor's degree studies:
      In the study programmes of
      - *Civil Engineering – Buildings*
      - *Civil Engineering – Structural and Transportation Engineering*
      - *Civil Engineering – Materials and Diagnostics of Constructions*
      - *Civil Engineering – Project Management*
      - *Civil Engineering – Water Management and Water Structures*
      - *Civil Engineering – Environment*
      - *Construction Management and Economics*
      - *Integral Safety of Constructions*
      - *Building Engineering – Preparation, Erection and Operation of Constructions*
      - *Buildings and Environment/Budovy a prostředí*
      - *Intelligent Buildings*
      - *Civil Engineering*
      - *Buildings and Environment*
      - *Water and Environmental Engineering*

      the condition is successful completion of a Bachelor's degree study programme oriented towards civil engineering or architecture or building engineering.

      In the study programme of
      - *Architecture and Building Sciences*

      the condition is successful completion of a Bachelor's degree study programme oriented primarily towards the field of architecture and urban planning 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*

the condition is successful completion of a Bachelor's degree study programme oriented towards geodesy and cartography or geomatics.

b. Submission of a properly filled in application form by the 30st April 2023.
c. Submission of enclosures to the application form specified in the Dean's Directive.
d. In the case of foreign nationals (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.
e. 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 or specializations as specified in Art. 5 para. 1 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) The entrance examination for the study programmes of

- *Civil Engineering – Buildings*
- *Civil Engineering – Structural and Transportation Engineering*
- *Civil Engineering – Materials and Diagnostics of Constructions*
- *Civil Engineering – Project Management*
- *Civil Engineering – Water Management and Water Structures*
- *Civil Engineering – Environment*
- *Construction Management and Economics*
- *Integral Safety of Constructions*
- *Building Engineering – Preparation, Erection and Operation of Constructions*
- *Buildings and Environment/Budovy a prostředí*
- *Intelligent Buildings*
- *Geodesy and Cartography*
- *Civil Engineering*
- *Buildings and Environment*
- *Water and Environmental Engineering*

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's degree branch of study at FCE in the 2022/2023 or 2021/2022 academic years pursuant to Art. 4, the results of their oral examinations in thematic areas of the final 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.
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(2) The entrance examination for the study programme of

- *Architecture and Building Sciences*

consists of two parts:

1. oral part – an interview about architecture and architectural design of buildings, including the submission of a portfolio of architectural works;
2. 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 (K129) or at the Department of Urban Design, Town and Regional Planning FCE (K127) in the 2022/2023 or 2021/2022 academic years, the overall results of the final 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 final graduation examination pursuant to Art. 3 para. 3.

Article 3
Number of points from the entrance examination

(1) The minimum number of points from the entrance examination necessary for the admission to study:

a. In the study programmes of

- *Civil Engineering – Buildings*
- *Civil Engineering – Structural and Transportation Engineering*
- *Civil Engineering – Materials and Diagnostics of Constructions*
- *Civil Engineering – Project Management*
- *Civil Engineering – Water Management and Water Structures*
- *Civil Engineering – Environment*
- *Construction Management and Economics*
- *Integral Safety of Constructions*
- *Building Engineering – Preparation, Erection and Operation of Constructions*
- *Buildings and Environment/Budovy a prostředí*
- *Intelligent Buildings*
- *Civil Engineering*
- *Buildings and Environment*
- *Water and Environmental Engineering:*

40 points from the entrance examination (max. possible number of points being 100)

b. In the study programme of

- *Architecture and Building Sciences:*

20 points from the oral part of the examination (max. possible number of points being 50)
20 points from the written part of the examination (max. possible number of points being 50).

(2) Total numbers of points in the admissions proceedings:

a. In the study programmes of

- *Civil Engineering – Buildings*
- *Civil Engineering – Structural and Transportation Engineering*
- *Civil Engineering – Materials and Diagnostics of Constructions*
- *Civil Engineering – Project Management*
- *Civil Engineering – Water Management and Water Structures*
- *Civil Engineering – Environment*
- *Construction Management and Economics*
- *Integral Safety of Constructions*
- *Building Engineering – Preparation, Erection and Operation of Constructions*
- *Buildings and Environment/Budovy a prostředí*
- *Intelligent Buildings*
- *Civil Engineering*
- *Buildings and Environment*
- *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's 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 from the entrance examination,
P is the point evaluation of the study weighted average of all courses completed in Bachelor's 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's degree studies (max. 300 points).

The results of Bachelor's 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 from the entrance examination,
A is the point evaluation of the study weighted average of "Studio" courses completed in Bachelor's 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's 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 final 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.

Article 4
List of related study programmes or specializations

Bachelor's degree study programme	Specializations within Bachelor's degree study programme	Master's degree study programme	Specializations within Master's degree study programme
ARCHITECTURE AND BUILDING SCIENCES		ARCHITECTURE AND BUILDING SCIENCES	
		BUILDINGS AND ENVIRONMENT	Building Services Engineering
			Building Physics
		INTELLIGENT BUILDINGS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
GEODESY AND CARTOGRAPHY		GEODESY AND CARTOGRAPHY	Engineering Geodesy
			Geomatics
CONSTRUCTION MANAGEMENT AND ECONOMICS		CONSTRUCTION MANAGEMENT AND ECONOMICS	
		BUILDING ENGINEERING	
BUILDING		BUILDING	

ENGINEERING		ENGINEERING	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
CIVIL ENGINEERING	Environmental Engineering	CIVIL ENGINEERING – ENVIRONMENT	
		CIVIL ENGINEERING – WATER MANAGEMENT AND WATER STRUCTURES	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		WATER AND ENVIRONMENTAL ENGINEERING	
	Structural and Transportation Engineering	CIVIL ENGINEERING – STRUCTURAL AND TRANSPORTATION ENGINEERING	Engineering Structures
			Transportation Structures and Geotechnics
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
	Materials Engineering	CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
	Buildings	CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDINGS AND ENVIRONMENT	
		INTEGRAL SAFETY OF CONSTRUCTIONS	
		INTELLIGENT BUILDINGS	
		CIVIL ENGINEERING	
	Fire Safety of Constructions	INTEGRAL SAFETY OF CONSTRUCTIONS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	

		CIVIL ENGINEERING	
	Preparation, Erection and Operation of Constructions	CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDING ENGINEERING	
		CONSTRUCTION MANAGEMENT AND ECONOMICS	
	Water Management and Water Structures	CIVIL ENGINEERING – WATER MANAGEMENT AND WATER STRUCTURES	
		CIVIL ENGINEERING – ENVIRONMENT	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		WATER AND ENVIRONMENTAL ENGINEERING	
CIVIL ENGINEERING		CIVIL ENGINEERING	
		BUILDINGS AND ENVIRONMENT	
		INTELLIGENT BUILDINGS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDINGS AND ENVIRONMENT	
		INTELLIGENT BUILDINGS	

Bachelor's degree study programme	Specializations within Bachelor's degree study programme	Master's degree study programme	Specializations within Master's degree study programme
ARCHITECTURE AND BUILDING SCIENCES		ARCHITECTURE AND BUILDING SCIENCES	
		BUILDINGS AND ENVIRONMENT	Building Services Engineering
			Building Physics
		INTELLIGENT BUILDINGS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
		BUILDINGS AND ENVIRONMENT	

GEODESY AND CARTOGRAPHY		GEODESY AND CARTOGRAPHY	Engineering Geodesy
			Geomatics
CONSTRUCTION MANAGEMENT AND ECONOMICS		CONSTRUCTION MANAGEMENT AND ECONOMICS	
BUILDING ENGINEERING		BUILDING ENGINEERING	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
CIVIL ENGINEERING	Environmental Engineering	CIVIL ENGINEERING – ENVIRONMENT	
		CIVIL ENGINEERING – WATER MANAGEMENT AND WATER STRUCTURES	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		WATER AND ENVIRONMENTAL ENGINEERING	
	Structural and Transportation Engineering	CIVIL ENGINEERING – STRUCTURAL AND TRANSPORTATION ENGINEERING	Engineering Structures
			Transportation Structures and Geotechnics
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
	Materials Engineering	CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
	Buildings	CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	

		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDINGS AND ENVIRONMENT	Building Services Engineering
			Building Physics
		INTEGRAL SAFETY OF CONSTRUCTIONS	
		INTELLIGENT BUILDINGS	
		CIVIL ENGINEERING	
		BUILDING AND ENVIRONMENT	
	Fire Safety of Constructions	INTEGRAL SAFETY OF CONSTRUCTIONS	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		CIVIL ENGINEERING	
	Preparation, Erection and Operation of Constructions	CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDING ENGINEERING	
	Water Management and Water Structures	CIVIL ENGINEERING – WATER MANAGEMENT AND WATER STRUCTURES	
		CIVIL ENGINEERING – ENVIRONMENT	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		WATER AND ENVIRONMENTAL ENGINEERING	
CIVIL ENGINEERING		CIVIL ENGINEERING	
		BUILDINGS AND ENVIRONMENT	
		CIVIL ENGINEERING – BUILDINGS	Design of Buildings
			Structural Systems of Buildings
		CIVIL ENGINEERING – MATERIALS AND DIAGNOSTICS OF CONSTRUCTIONS	
		CIVIL ENGINEERING – PROJECT MANAGEMENT	
		BUILDINGS AND	Building Services

		ENVIRONMENT	Engineering
			Building Physics
		INTELLIGENT BUILDINGS	

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

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

Study programme	Branch of study or specialization	Maximum number of students
Civil Engineering – Buildings		**90**
	Design of Buildings	
	Structural Systems of Buildings	
Civil Engineering – Structural and Transportation Engineering		**60**
	Engineering Structures	
	Transportation Structures and Geotechnics	
Civil Engineering – Materials and Diagnostics of Constructions		**15**
Civil Engineering – Project Management		**25**
Civil Engineering – Water Management and Water Structures		**25**
Civil Engineering – Environment		**20**
Integral Safety of Constructions		**30**
Construction Economics and Management		**60**
Building Engineering – Preparation, Erection and Operation of Constructions		**60**
Architecture and Building Sciences		**120**
Geodesy and Cartography		**40**
	Engineering Geodesy	25
	Geomatics	15
Buildings and Environment		**90**
	Building Services Engineering	
	Building Physics	
Intelligent Buildings		**20**
Civil Engineering		**20**
Buildings and Environment		**20**
Water and Environmental Engineering		**20**

(2) While announcing the admissions proceedings the Dean may condition the opening of some study programmes or specializations by minimum numbers of students admitted to study in these study programmes or specializations.
(3) The Dean may increase the maximum numbers of students admitted to study in individual study programmes 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 study programmes or specializations.

Article 6
Allowing passing the entrance examination on-line

(1) Based on a written application, the Dean may allow taking the entrance examination in the on-line format to foreign nationals (excluding applicants from the Slovak Republic) who apply for study in the study programmes of *Civil Engineering, Buildings and Environment* and *Water and Environmental Engineering* and certify their corresponding knowledge of English pursuant to para. 1f) in their application.

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 Construction*s.
(3) If special University authorizations under emergency situations pursuant to §95 a-d of Act No. 111/1998 Coll. on Higher Education Institutions or another exceptional Government measure apply at the time of the on-going admissions proceedings, the Dean may modify the announced dates of the admissions proceedings or the conditions of the admissions proceedings. The application of this article is at the Dean's discretion depending on the current situation. The modified conditions will be issued as a separate Dean's Measure and will be approved by the FCE Academic Senate.
(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 their 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 14. 12. 2022

prof. Ing. Jiří Máca, CSc., m.p.
Dean