

DEAN'S DIRECTIVE
on Public Announcement of Admissions Proceedings to Master's Degree
Study Programmes Taught in English at the Faculty of Civil Engineering CTU in
Prague in the 2026/2027 Academic Year

To execute the Dean's Order [Conditions for Admission to Studies in Follow-up Master's Degree Study Programmes Taught in English at the Faculty of Civil Engineering CTU in Prague in the 2026/2027 Academic Year](#) (hereinafter "Conditions for Admission to Studies"), 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 this directive:

Article 1

Subject of Regulation

The Faculty Dean hereby opens the admissions proceedings to follow-up Master's degree study programmes taught in English at the Faculty of Civil Engineering CTU in Prague (hereinafter "FCE") in the 2026/2027 academic year.

Article 2

List of Master's Degree Study Programmes Taught in English

The Faculty Dean hereby opens the admissions proceedings to the follow-up Master's degree study programmes and their specialisations offered for the 2026/2027 academic year and listed below.

Name of programme:	Civil Engineering
Study programme code:	N0732A260040
Language of instruction:	English
Standard time of study:	1.5 years
Type of study:	full-time
Study programme profile:	academically oriented
Name of programme:	Water and Environmental Engineering
Study programme code:	N0732A260028
Language of instruction:	English
Standard time of study:	2 years
Type of study:	full-time
Study programme profile:	academically oriented
Name of programme:	Buildings and Environment
Study programme code:	N0732A260037
Language of instruction:	English
Standard time of study:	1.5 years
Type of study:	full-time
Study programme profile:	academically oriented

- (1) Pursuant to § 58 para. 5 of Act No. 111/1998 Coll. (Act on Higher Education Institutions) and Annex No. 5 to the Statute of CTU in Prague, Fees Connected with Study, the studies in the programmes taught in English are subject to a tuition fee of CZK 500,- per each semester of study (CZK 1000,- per the whole academic year).
- (2) In the case that instruction in any of the study programmes does not start due to not meeting the minimum number of 5 enrolled students, the applicants enrolled in this study programme will be offered the opportunity to study in another study programme or specialisation at the Faculty, with conditions for admission adequate to the conditions of the programme that will not be opened, and considering the maximum number of students to be admitted in the respective programme or specialisation.

Article 3

Important Deadlines

- (1) The deadlines of the admissions proceedings are announced as follows:
(The documents below are uploaded by the applicant in the electronic application form– for details see Art. 6.)

Dates of accepting applications for study	1. 1. – 31. 3. 2026
Deadline for submitting Attachments C to I – applicable to applicants who have completed their Bachelor's degree studies by 31. 3. 2025	by 31. 3. 2026
Deadline for sending Attachments A, B – applicable to applicants who have not completed their Bachelor's Degree studies by 31. 3. 2025	by 31. 3. 2026
Deadline for sending Attachments C to I – applicable to applicants who have completed their Bachelor's Degree studies after 31. 3. 2025	by 1. 7. 2026
Applicable only to applicants for the programme in Buildings and Environment: Deadline for sending a link to a representative work in the electronic application under para. 2 Art. 7	by 31. 3. 2026
Payment date of the administration fee for costs related to admissions proceedings	By 31. 3. 2026
Entrance examination dates	20. 5. – 22. 5. 2026

- (2) Deadlines of registration for studies after successful passing of the entrance examination:

Dates of electronic registration for enrolment in 1-year Master's degree studies (on-line registration at prihlaska.cvut.cz)	1. 6. - 16. 9. 2026
Enrolment dates for 1-year Master's degree studies – enrolment in person at FCE CTU in Prague applicable only to students admitted to studies	2. 7. 2026 9. 9. 2026 16. 9. 2026
Signing Student Contract	upon enrolment in studies
Tuition fee payment date for 1st semester of study. (Students obtain payment information upon enrolment.)	21. 9. 2026
Start of instruction in the 2026/27 academic year	21. 9. 2026

- (3) The dates specified in para. 1 of this article are non-exceedable, no documents can be accepted from the applicants after the above dates without an exception previously individually granted by the Dean upon the applicant's written application.
(4) Based on a written application, the Dean may set an individual date for an on-line entrance examination to the applicants who are staying outside the Czech Republic.

Article 4

Choice of a Study Programme and Specialisation

- (1) The applicants for follow-up Master's Degree studies at FCE CTU in Prague are admitted to study programmes, and, if the programmes are further subdivided, to their specialisations.
(2) The applicant may submit more applications for study – a separate application for each selected study programme or selected specialisation, the number of applications is unlimited. The administration fee of CZK 950,- must be paid for each submitted application.

Article 5

Procedure in Filing the Application

- (1) Fill in and close the CTU electronic application form at prihlaska.cvut.cz (the database is open from 1. 1. 2026 to 31. 3. 2026).
- (2) Settle the administration fee of CZK 950,- for costs related to admissions proceedings by 31.3.2026. For the procedure see para. (4). The fee paid is non-refundable.
- (3) The application will be included in the admissions proceedings if the requirements specified in points 1 and 2 above have been met by the prescribed deadline. Incorrectly filled in applications will be discarded from the admissions proceedings.
- (4) Payment procedure of the administration fee for acts related to admissions proceedings: Settle the administration fee of CZK 950,- in one of the following ways:
 - on-line payment by credit card while filling in the application form (preferred by the Faculty);
 - bank transfer.

Bank data for the administration fee payment:

KB Praha 6, 19-5504610227/0100
account No.:
variable symbol: 77777
specific symbol: application code

Additional data for payment from abroad:

IBAN: CZ7601000000195504610227
SWIFT code: KOMBCZPPXXX

Note for applicants from abroad (including the Slovak Republic): Banking fees are always paid by the applicant.

Article 6

Documents Submitted to the Faculty Electronically within Admissions Proceedings – Application Attachments

- (1) The documents listed in paragraphs 2 A – F and H of this article shall be uploaded by the applicant (not applicable to applicants from the Czech Republic and the Slovak Republic) only electronically in the form of a standard scan (copy of the paper original) to the electronic application form within the deadlines specified in Art. 3 para. 1.
Applicants from the Czech Republic and the Slovak Republic shall upload the documents to the electronic application form in the form of an authorized conversion of a paper document into electronic form.
- (2) Attachments A – I are not attached to the application by the applicants who are studying in a Bachelor's degree study programme at the Faculty of Civil Engineering CTU in Prague, or who have completed their Bachelor's degree studies there.
Attachments D – F can be replaced by the diploma supplement – if the diploma supplement contains all the data listed in attachments D – F.
 - A. Up-to-date certificate of on-going studies in a Bachelor's degree study programme, including the name of the programme and the specialisation (the attachment must be sent together with the application).
 - B. Up-to-date transcript of courses completed in the on-going studies in a Bachelor's degree study programme (the attachment must be sent together with the application).
 - C. Certificate of successful completion of Bachelor's degree studies, or an authenticated copy of the Bachelor's degree diploma.
 - D. Transcript of all courses completed in Bachelor's degree studies, including the number of credit points and the evaluation grade achieved for individual courses.
 - E. Certificate issued by the respective university of the study weighted average of all courses completed in Bachelor's degree studies calculated using the formula listed in Art. 12 of the [Study and Examination Rules for Students of CTU in Prague](#).

The calculation of the study weighted average assigns credit points to individual courses depending on their weight. If another university does not use a credit system, the course weight is given by the number of teaching units per week.

- F. Certificate of the mark obtained for the defence of the Bachelor's Project.
- G. Authenticated copy of a certificate of validation or a decision on the recognition of a foreign Bachelor's degree diploma, including the enclosure to the decision, i.e. a certificate of its validity on the territory of the Czech Republic (so-called nostrification clause) in the case that the applicant has completed Bachelor's degree studies at a university abroad (not applicable to applicants from the Slovak Republic). Nostrification must be submitted only in an electronically verified format, i.e. in the form of an authorised conversion of a paper document or bearing a valid electronic signature issued by the issuing institution. This document is issued by the CTU Rector's Office, Department of Studies, in the form of an electronic document with a digital signature.
Procedure: <https://www.cvut.cz/en/assessment-of-education-for-applying-to-ctu>,
Contact: <https://www.cvut.cz/en/validation-of-foreign-university-education-and-qualifications-nostrification>.
- H. One of the following certificates proving the passing of an examination in English:
- certificate of completion of a Bachelor's degree study programme taught in English,
 - certificate of passing an examination in English at min. a B2 level according to the "Common European Framework of Reference for Languages",
 - certificate of passing the school-leaving or state examination in English.
- I. Applicants for the study programme in Buildings and Environment shall upload any of their branch-related representative works (Bachelor's Project, year project, seminar project, competition project, etc.) in the pdf format to one of the following repositories:
- OneDrive,
 - iCloud,
 - Disk Google,
 - Dropbox.
- The data uploaded to other repositories will not be accepted.
The functional link to download the data shall be uploaded by the applicant in a separate Word document as an attachment to the electronic application. The document must include: the name, surname, application form code, link to the data. The recommended name of the uploaded document: Representative project.
The applicant must be the sole author of the work.

Article 7

General Content of the Entrance Examination

- (1) The general content of the entrance examination to individual study programmes is specified in the Annex to this Directive.
- (2) The applicants take an entrance examination to each study programme listed in their application(s).
- (3) Should an applicant require some modification of the admissions proceedings due to a health-related handicap, they must contact the CTU [ELSA Centre](#) for the Support of Students with Special Needs, phone No.: 224 358 463, e-mail: stredisko@elsa.cvut.cz, no later than by 31. 3. 2026.

Article 8

Results of Admissions Proceedings

- (1) The results of the admissions proceedings will be published on the Faculty website no later than by 15.8. 2026, together with information on the registration for Master's degree studies, unless the Dean applies Article 7 para.2 of the [Conditions for Admission to Studies](#) and decides to change the deadlines.
- (2) The Dean's decision on admission to study will be issued to the applicants no later than within 30 days after the publication of the admissions proceedings results.

Article 9

Enrolment in Studies

- (1) Admitted applicants become students of the Faculty of Civil Engineering, CTU in Prague upon enrolment.
- (2) Enrolment in studies takes place at the Student Administration of the Faculty of Civil Engineering, CTU in Prague, Thákurova 7, 166 29 Praha 6.
- (3) Enrolment procedure:
 - The applicants admitted to studies shall register electronically for enrolment in the prihlaska.cvut.cz system. (Press the "on-line enrolment in studies" button at the bottom) Registration is possible from 1. 6. – 16. 9. 2026.
 - The applicants admitted to studies shall enrol in person at the Student Administration of FCE CTU in Prague on one of the following dates: 2. 7. 2026, 9. 9. 2026, 16. 9. 2026.
- (4) Upon enrolment, a Student Contract will be signed with the applicant.

Article 10

Fees for Studies (“Tuition Fees“)

- (1) The tuition fees for the first semester of study are payable by 21.9. 2026, i.e., by the first day of instruction in the semester.
- (2) The applicants receive payment information upon enrolment at FCE.
- (3) Payment details are available on the FCE website.
- (4) The tuition fees do not cover accommodation, meals, transportation, books, health insurance, or other personal expenses.
- (5) All payments should be made by credit card or bank transfer. Transaction fees and payment costs are borne by the applicant.

Article 11

Effect

This Directive comes into effect on 17. 11. 2025.

m.p.
prof. Ing. Jiří Máca, CSc.
Dean of Faculty of Civil Engineering

Annex 1:

GENERAL REQUIREMENTS FOR THE ENTRANCE EXAMINATION TO MASTER'S DEGREE STUDIES TAUGHT IN ENGLISH AT THE FACULTY OF CIVIL ENGINEERING CTU IN PRAGUE

Study programme: **Civil Engineering**

Entrance test sample for Civil Engineering: https://www.fsv.cvut.cz/wp-content/uploads/2023/04/TEST_MSc-Civil_Engineering.pdf

Buildings – Requirements for buildings, basic structural principles. Structural systems of single-storey and multi-storey buildings, hall and high-rise buildings, expansion of building structures. Structural, material and technological solutions of structural members - vertical bearing structures, floor structures and projecting structures, external claddings, staircases, foundations and the substructure, flat and pitched roofs, finishing structures. Prefabricated structures. Fire safety of buildings. Failures, degradation, renovation of buildings. Health safety of buildings. Building physics – building thermal technology, acoustics, daylighting and sun exposure.

Building services – Wastewater disposal, internal and external sewer systems, water supply, interior and exterior water distribution systems, exterior and interior gas piping, discharge of combustion products, indoor environment in buildings, heating of buildings, hot water preparation, heat sources, ventilation and air conditioning systems, fundamentals of cooling systems, low and high voltage wiring in buildings, fundamentals of artificial lighting, lightning conductors.

Structural mechanics – Loading of structures. Internal forces, stress states and deformation of bar structures in bending. Free torsion. Inelastic loading of bars. Stability of straight bars. Analysis of structurally indeterminate planar bar structures. Finite Element Method principles. Beam on an elastic base. Walls and slabs. Stress states of thin-walled members.

Concrete and masonry structures – Concrete technology – composition, production, properties and testing of concrete. Design of reinforced concrete members and structures - preliminary design, loading effects, computational models and methods, load-bearing capacity for basic loading cases (bending, shear, extrusion, combinations of moment and normal forces, torsion), serviceability, design principles, reinforcement. Design principles of prestressed concrete members. Properties of masonry units, mortar, material properties of masonry, design of masonry elements to resist stress effects due to vertical and horizontal loads.

Steel and timber structures – Material properties of steel, production of steel structures, design of steel rods and joints. Composite steel-concrete structures. Corrosion and fire protection. Steel structures of buildings and halls – typology, design of parts of structures, spatial stiffness. Properties of timber and wood-based materials, design of timber elements and joints, planar and spatial timber structures. Design to resist fire effects, protection from deterioration.

Geotechnics - Properties and classification of soils, engineering-geological survey, water in soil, stresses in soil, laboratory testing of soils, deformation characteristics of soils, consolidation, compaction, shear strength, earth pressure, slope stability, shallow foundations, deep foundations, construction pits and their securing.

Study programme:

Buildings and Environment

Test sample: http://tzb.fsv.cvut.cz/files/testy/be_test_2023_example.pdf

The test consists of three parts.

Part I is submitted by the applicant in advance, together with the electronic application, see para. 2 J Art. 7. Parts II and III are included in the written test taken on the entrance examination day.

I. My study achievements

Branch-oriented representative work (Bachelor's project, year project, seminar project, competition project, etc. with a max. size of 20 MB in the pdf format). The applicant must be the sole author of the work. (max. 25 points)

II. Why do I want to study the programme in Buildings and Environment at FCE CTU in Prague?

The answer in a length of 500–2000 spaces (max 25 points).

III. What is my professional knowledge?

20 multiple choice test questions, choosing 1 or more correct answers from the following problem areas (max 50 points):

- Building services (principles and design of basic elements of water management systems in buildings, heating, hot water preparation, cooling, ventilation, electrical installations, gas supply and discharge of combustion products, artificial lighting)
- Building structures (design of bearing and non-bearing structures), material solutions (concrete, masonry, steel structures, insulation, roofs, finishing structures, fire safety, health safety of buildings)
- Building physics (thermal technology, acoustics, daylighting)
- Structural mechanics (internal forces, stress states and deformation of bar structures in bending, analysis of structurally indeterminate planar bar structures)
- Geotechnics, properties, classification of soils, engineering-geological survey, water in soil, stresses in soil, laboratory testing of soils, deformation characteristics, consolidation, compaction, shear strength, earth pressure, shallow and deep foundations, construction pits and their securing.

Test sample: http://tzb.fsv.cvut.cz/files/testy/be_test_2023_example.pdf

Study programme: **Water and Environmental Engineering**

Hydraulics – Hydrostatic pressure and hydrostatic force. Pascal law and Archimedes law. Conservation of mass (continuity equation), conservation of energy (Bernoulli equation). Flow in pressurized pipes (flow regimes, calculation of energy losses). Open channel flow (flow regimes and flow types, rating curve calculation, uniform flow, Chezy equation). Hydraulic jump. Water hammer. Groundwater flow (Darcy law).

Hydrology – Basic hydrological and meteorological parameters. Statistical assessment of discharges. Rainfall-runoff relationships. Flood wave transformation.

Water management – Basic principles of water purification and wastewater treatment. Drinking water supply (drinking water resources and their intake systems, water processing plants, storage tanks, distribution networks). Wastewater discharge and treatment (wastewater types, wastewater treatment plants, sewer systems and their parts).

Hydraulic structures – Fundamentals of design and operation, objects and technologies used in the following structures: dams, weirs, canals, waterways. Water energy use (types of hydroelectric power plants and their technologies). Flood control (types of flood protection, design discharges for flood protection structures).

Environmental engineering – Hydropedology (physical properties of soils, groundwater hydrostatics and hydrodynamics). Irrigation (irrigation parameters and irrigation systems, drought assessment). Water drainage (types of drainage structures and their basic parameters). Soil erosion in landscape (types of erosion and types of protective measures). Climate change (causes, environmental impacts, adaptive and remedial measures).

Test sample:



MSc study programme WATER AND ENVIRONMENTAL ENGINEERING

ENTRANCE EXAM TEST

example

Conditions:

- You will only need a pen and a sheet of paper for the test.
- Please write your name and surname at the top of each sheet of paper.
- The test will take 50 minutes to complete.
- The test consists of 10 open-ended questions. Please answer each question with several meaningful sentences. Use legible handwriting to ensure good readability in photograph/scan, as well as on a screen. If appropriate, you may include simple drawings.
- Answer to each question is worth a maximum of 10 points.
- The minimum sum of points is 40 to pass the entrance exam test.

Questions:

1. Hydraulics - fundamentals: explain principle of conservation of energy in flow of real liquid and write appropriate equation
2. Hydraulics - open-channel flow: discuss rating curve and describe how it can be predicted using Chezy formula
3. Hydrology - fundamentals: summarize basic hydrological parameters, define them and describe their units
4. Hydrology - rainfall and runoff: define rainfall and runoff, explain their mutual relation, discuss application of rainfall-runoff models in hydrology
5. Water management: explain basic water purification techniques and how they are exploited in water processing/treatment plants
6. Water management: describe types of wastewater and summarize major parts of wastewater treatment plant
7. Hydraulic structures: explain function of navigational lock and describe its parts
8. Environmental engineering: discuss role of Darcy's law in groundwater hydrodynamics, describe quantities mutually related in Darcy's formula
9. Environmental engineering: summarize basic physical properties of soil and explain hydraulic conductivity
10. Environmental engineering: discuss role of water drainage and types of drainage structures