Comenius University in Bratislava

Faculty of Mathematics, Physics and Informatics

Terms and conditions of admissions to
Master's and Doctoral Degree Studies
at the
Faculty of Mathematics, Physics and Informatics
in academic year

2027/2028

PART 1
GENERAL TERMS OF ADMISSIONS TO STUDIES

Art.1
General terms

(1) Deadline for submission of applications for Master's degree studies (MSc), Doctoral degree studies (PhD) and for transfer from another institution within MSc and PhD studies is April 30, 2027.

(2) The applicant will deliver to the faculty by the date specified for submitting the application the study results necessary for the calculation of points for the study results according to Art. 2 par. 1 and 2. Results received after this deadline will not be taken into account in the admission process. The delivery method is specified on the faculty website.

(3) The documents attached to the application are not returned to the applicant, they remain part of the documentation of the applicant's admission procedure.

(4) The fee for admission procedures is determined by an internal regulation of the Comenius University in Bratislava (further on referred to as CU) regarding fees and payments linked with studies at the CU in 2027/2028 academic year. The admission fee is fixed irrespective of the number of alternative study programmes selected in the application form. The fee will not be refunded after the deadline for the submission of applications.

(5) At most three study programmes may be selected in one application, listed in the order of the applicant´s preferences. If the applicant meets the requirements for admission to multiple programmes, he/she will be admitted to the programme with the highest priority as listed in the application.

(6) In case fewer than 5 candidates have applied for a MSc study programme, the Dean is authorized to decide that no applicants will be admitted to the programme, and the applicant receives the decision on non-acceptance to studies along with suggestion to enter a programme with lower priority. If no alternative programmes are listed in the application for studies, the Dean suggests a similar study programme, or possibly a refund of the admission fee.

(7) The entrance examination is held in the language in which the selected study programme is provided.

(8) The basic prerequisite for studying a study program conducted in the Slovak language is knowledge of the Slovak language at least at level B1 of the CEFR. If a student enters a study provided in the Slovak language and his/her knowledge of the Slovak language is insufficient for the task, this deficit can be claimed neither as a reason for lowering performance requirements, nor for demanding materials in another language, nor as an excuse for inadequate study performance.

(9) Knowledge of the English language at the CEFR B2 level is an essential requirement for admission to studies provided in the English language.

PART 2
TERMS OF ADMISSION TO MSc STUDIES

Art. 2
Study results

(1) Number of points for **study results** achieved within BSc studies is obtained by the formula $b=5*(3-p)$, where b stands for obtained points and p represents the weighted study average obtained by the numerical value determined by the Code of Practice for Studies at the Faculty of Mathematics, Physics and Informatics of the CU.

(2) Number of points for the **results** achieved at the **BSc state examinations** is obtained by the formula $b=15*(3-p)$, where b stands for obtained points and p represents the arithmetic average of the results in the state exam subjects obtained by the numerical value determined by the Code of Practice for Studies at the Faculty of Mathematics, Physics and Informatics of the CU.

Art. 3
Terms of admissions to MSc studies

(1) Accredited MSc study programmes available at the Faculty of Mathematics, Physics and Informatics CU in the academic year 2027/2028 are listed in the table below. The rightmost column shows study programs/fields of study which qualify as BSc prerequisites. Bioinformatics is hereby included in the study field of informatics and data science in the study field of mathematics and also informatics.

Study programme	Abbreviation of the programme	Expected number of admissions	BSc prerequisite
Physical study programs			
astronomy and astrophysics	mFAA	10	study field of physics
environmental physics, renewable energy resources, meteorology and climatology	mEOM	20	study field of physics
plasma physics	mFFP	10	study field of physics
solid state physics	mFTL	10	study field of physics
nuclear and subnuclear physics	mFJF	10	study field of physics
optics, lasers and optical spectroscopy	mFOS	10	study field of physics
theoretical physics	mFTF	10	study field of physics
Informatics study programs			
applied informatics	mAIN	120	study field of informatics
applied informatics (conversion programme)	mAIN/k*		
bioinformatics	mBIN	10	bioinformatics
data science	mDAV	25	data science
informatics	mINF	50	study field of informatics
informatics (conversion programme)	mINF/k*		
cognitive science	mIKV	20	study field of informatics and psychology
Mathematical study programs			
mathematics of economy, finance and modeling	mEMM	45	study field of mathematics
managerial mathematics[1]	mMMN	50	mathematics, managerial mathematics
mathematics	mMAT	20	mathematics
computer graphics and geometry	mMPG	25	study field of informatics and mathematics
computer graphics and geometry (conversion	mMPG/k*		

programme)			
probability and mathematical statistics	mPMS	15	study field of mathematics
Teacher study programs			
teaching of physics and informatics	muFYIN	10	teaching of physics and informatics
teaching of physics and informatics (conversion programme)	muFYIN/k*	10	study field of mathematics, physics or informatics
teaching of informatics and English language and literature	muINAN	5	teaching of informatics and English language and literature
teaching of informatics and biology[2]	muINBI	10	teaching of informatics and biology
teaching of informatics and geography[2]	muINGE	10	teaching of informatics and geography
teaching of descriptive geometry and mathematics	muMADG	10	teaching of descriptive geometry and mathematics
teaching of descriptive geometry and mathematics (conversion programme)	muMADG/k*	10	study field of mathematics, physics or informatics
teaching of mathematics and physics	muMAFY	20	teaching of mathematics and physics
teaching of mathematics and physics (conversion programme)	muMAFY/k*	20	study field of mathematics, physics or informatics
teaching of mathematics and informatics	muMAIN	20	teaching of mathematics and informatics
teaching of mathematics and informatics (conversion programme)	muMAIN/k*	20	study field of mathematics, physics or informatics
teaching of mathematics and sports[3]	muMATV	10	teaching of mathematics and sports

[1] this programme is provided in cooperation with the Faculty of Management CU
[2] this programme is provided in cooperation with the Faculty of Natural Sciences CU
[3] this programme is provided in cooperation with the Faculty of Physical Education and Sport CU

[*] the conversion program is a master's degree program with a standard length of study of 3 years

(2) The precondition for admission to MSc studies is a Bachelor degree, Master degree or a PhD degree.

(3) **Graduates in BSc studies at the Faculty of Mathematics, Physics and Informatics CU** who regularly completed their BSc studies in the 2026/2027 academic year and apply for admission to MSc studies in **consecutive MSc programmes** will be accepted by the following criteria:

Programme abbreviation	**Conditions for admission of BSc graduates to consecutive MSc programmes (applicants are accepted without entrance examinations unless stated otherwise)**
mFAA	regularly accomplished BSc programme in study field of physics
mEOM	regularly accomplished BSc programme in study field of physics
mFFP	regularly accomplished BSc programme in study field of physics
mFTL	regularly accomplished BSc programme in study field of physics
mFJF	regularly accomplished BSc programme in study field of physics
mFOS	regularly accomplished BSc programme in study field of physics
mFTF	regularly accomplished BSc programme in study field of physics
mAIN	regularly accomplished BSc programme in study field of informatics
mAIN/k	regularly accomplished BSc programme in study field of mathematics, physics or teaching and pedagogy, or regularly accomplished BSc programme in informatics, bioinformatics, data science
mBIN	regularly accomplished BSc programme in bioinformatics
mDAV	regularly accomplished BSc programme in data science

mINF	regularly accomplished BSc programme in study field of informatics along with the following requirements: a) weighted average results in obligatory and obligatorily facultative courses and state examination not worse than 1.75 (only results of the state examination subjects, FX inclusively, obtained in regular terms will be taken into account), or b) passing entrance examination if requirements in a) are not met
mINF/k	regularly accomplished BSc programme in study field of mathematics, physics or teaching and pedagogy, or regularly accomplished BSc programme in applied informatics, bioinformatics, data science
mIKV	regularly accomplished BSc programme in study field of informatics and passing the entrance examination by par. 4 and 5
mEMM	regularly accomplished BSc programme in study field of mathematics and a) weighted study average not worse than 2.00, or b) arithmetical average of the state examination subjects not worse than 1,5
mMMN	regularly accomplished BSc programme in mathematics or managerial mathematics
mMAT	regularly accomplished BSc programme in mathematics along with obtaining at least 15 points in the written part of BSc state examination (maximum 30 points in regular terms) and study results (maximum 10 points)
mMPG	regularly accomplished BSc programme in study field of mathematics or informatics
mMPG/k	regularly accomplished BSc programme in study field of physics or teaching and pedagogy
mPMS	regularly accomplished BSc programme in study field of mathematics along with either a) weighted study average in obligatory† or obligatorily facultative courses regular-term state examination subjects inclusively not worse than 2.25, or b) arithmetic average of the regular-term state examination results not worse than 1.7
muFYIN	regularly accomplished BSc programme in teaching of physics and informatics
muFYIN/k	regularly accomplished BSc programme in study field of mathematics, physics or informatics
muINAN	regularly accomplished BSc programme in teaching of informatics and English language and literature
muINBI	regularly accomplished BSc programme in teaching of informatics and biology
muINGE	regularly accomplished BSc programme in teaching of informatics and geography
muMADG	regularly accomplished BSc programme in teaching of descriptive geometry and mathematics
muMADG/k	regularly accomplished BSc programme in study field of mathematics, physics or informatics
muMAFY	regularly accomplished BSc programme in teaching of mathematics and physics
muMAFY/k	regularly accomplished BSc programme in study field of mathematics, physics or informatics
muMAIN	regularly accomplished BSc programme in teaching of mathematics and informatics
muMAIN/k	regularly accomplished BSc programme in study field of mathematics, physics or informatics
muMATV	regularly accomplished BSc programme in teaching of mathematics and sports

(4) Applicants

(a) **who have not graduated in BSc studies at the Faculty of Mathematics, Physics and**

Informatics CU

(b) **who have graduated in BSc studies at the Faculty of Mathematics Physics and Informatics CU and are applying for the admission to non-consecutive programmes**

(c) **who have graduated in BSc studies at the Faculty of Mathematics Physics and Informatics CU and are applying for the admission to consecutive MSc programmes mINF** (if the condition of weighted study average is not fulfilled) **and mIKV**

will take an entrance examination **covering the** scope of knowledge of the BSc programme which the desired MSc programme is consecutive to. The scope of knowledge can be found in the specifications for subjects of the state examination of the respective BSc study programme. The entrance examination may comprise of two parts: written and oral.

(5) For the **Cognitive science** study programme relevant previous interdisciplinary experience along with motivation and research objective are taken into account. The entrance procedure consists of an evaluation of the applicant´s records presented to the faculty. The records will be reviewed by a committee who will consider the applicant's eligibility and decide on the number of points. In substantiated cases the applicant may be invited to an interview (on site or online).

(6) Another condition for the admission to **teaching and pedagogy** programmes of standard 2-year duration is the completion of BSc studies in teaching and pedagogy programmes. A condition for admission to conversion programmes (standard 3-year duration) is the accomplishment of BSc studies in mathematics, physics or informatics.

(7) Numbers of points required for admission are specified for individual study programmes (see par. 3 and 4). The limit for required points may result in the number of accepted applicants being lower than the expected number of admissions. If more than the expected number of applicants have proved eligible, the Dean is authorized to accept to studies a higher number of applicants.

PART 3
TERMS OF ADMISSION TO PhD STUDIES

Art. 4
Terms of admission to PhD studies

(1) The essential requirement for admission to PhD studies is the completion of university MSc or PhD studies.

(2) The applicants are accepted to studies based on passing the entrance examination. The entrance examination procedure depends on the proposed research and science focus of the dissertation project. The examination is held before a committee which includes the prospective supervisor. The applicant is expected to include relevant previous activities in their CV attached to the application form, along with number of points assigned to the selected activities, as given in the list in (3) below. The applicant is also expected to justify his/her selection.

(3) The entrance interview consists of:

a) discussion about the prospective PhD project
b) assessment of the applicant´s profile following the list below.

No.	Activity	Points
1	A winner of the Czech-Slovak round of the Students´ Scientific Conference or an equivalent contest abroad	4

2	A participant in the Czech-Slovak round of the Students´ Scientific Conference or an equivalent contest abroad	2
3	Laureate or a winner of the Faculty round of the Students´ Scientific conference or an equivalent contest abroad	2
4	Presentation in the Faculty round of the Students´ Scientific conference or an equivalent contest abroad	1
5	Author or co-author of a paper published or admitted for publication in a periodical registered in WoS or Scopus	4
6	Author or co-author of a paper published or admitted for publication in a periodical registered in other reviewed periodical or in a conference almanac	3
7	A presentation or a poster at an international science event	2
8	A presentation or a poster at a home science event	1
9	A or B grade assessment of the diploma thesis*	3
10	Accomplishment of MSc studies with honours*	3
11	Assessment of the interview by the committee	0 až 6
12	Assessment of the interview by the prospective supervisor	0 až 5

* Or alternative assessment by an institution with different scheme of evaluation

Points for activities 1,2,3 and 4 do not add up, only the highest point value among them is taken into account
Points for activities 5 and 6 do not add up, only the highest point value for them is taken into account
Points for activities 7 and 8 do not add up, only the highest point value for them is taken into account

(4) The maximum number of points that the applicant can obtain for individual parts of the entrance exam according to paragraph 3 a) and b), will be determined by the relevant board of doctoral studies (mathematics, physics, informatics).

(5) The points obtained in the comprehensive assessment of the applicant's profile in part (3) b are an auxiliary assessment tool and no specific number of points guarantees automatic admission of the applicant. The Faculty reserves the right to admit applicants based on internal needs in accordance with the strategic development plan, preferences and needs of individual doctoral programs, the need to support the pedagogical and scientific growth of its employees, as well as based on the availabiliy of funds dedicated to doctoral studies.

PART 4
TERMS OF ADMISSION FOR APPLICANTS TRANSFERRING FROM ANOTHER INSTITUTION

Art. 5
Terms of admission at transfer

(1) Transfer is carried out in the form of an admission procedure. The transfer applicant must meet the admission conditions specified in Art. 3 or Art. 4. The student shall attach a transcript of study results from the higher education institution from which he/she wishes to transfer to the transfer application.

(2) Transfer of a student
   a) of an MSc programme from another academic institution is regulated by Art. 9 of the Code of Practice for Studies at the Faculty of Physics, Mathematics and Informatics CU
   b) of a PhD programme from another academic institution is regulated by Art. 32 of the Code of Practice for Studies at the Faculty of Physics, Mathematics and Informatics CU

(3) The guarantor of the study program to which the applicant is applying for transfer shall express his/her opinion on the application for transfer. the guarantor of the study program shall propose to the dean:

a) admit the applicant as a transfer student or
b) refuse admission as a transfer student and recommend admission to the first year of study.

Complying with § 69 of the Act on Higher Education , the Terms and conditions of admissions to studies at the Faculty of Mathematics, Physics and Informatics in 2027/2028 were established by the Academic Senate of the Faculty of Mathematics, Physics and Informatics CU on October 19, 2026 in the 3th regular meeting of the Senate.

prof. RNDr. Daniel Ševčovič, DrSc.
the Dean of the Faculty

RNDr. Róbert Kysel, PhD.
Head of the Academic Senate of the Faculty