DOCTORAL SCHOOL OF MATHEMATICS AND COMPUTER SCIENCE

No. 11 / 25.05.2020

DOCTORAL ADMISSION REGULATIONS 2020, ONLINE ADMISSION

Approved by the Council of the Faculty of Mathematics and Computer Science from 19.05.2020

In accordance with the **UBB Senate Decision number 5938 of April 16** and the online registration and admission procedure described **here**, during the state of emergency as well as during the suspension of face-to-face teaching activities, doctoral admission can be done online.

The doctoral school of Mathematics and Computer Science organizes a single doctoral admission session, in September 2020. The admission calendar is available online **here**.

REGISTRATION FOR THE ADMISSION EXAM

1. The registration period for the admission exam is August 31 - September 4 2020. The registration will be online, on the platform https://academicinfo.ubbcluj.ro/admitere/. Candidates are responsible for the correct uploading to the platform/transmission of all documents referred to in the Methodology of admission to the academic doctoral studies of Babeș-Bolyai University for the academic year 2020-2021, signed (where applicable) and scanned. Exceptions to this rule are the 3cm/4cm photos that shall be brought in physical format at the beginning of the teaching activity. Candidates assume responsibility for the authenticity, and the correspondence between the digital/scanned and the original documents to be submitted to the candidate's file, by a signed written declaration.
   o The documents required for registration are mentioned **here**.
2. The electronic files of the candidates will be verified by the secretary of the Doctoral School and a member of the Doctoral School Council.

TESTS OF THE DOCTORAL ADMISSION EXAM

1. **Field of MATHEMATICS**
   a). **Oral test** (test 1) from the thematic area chosen by the candidate (details about the topic are **here**).
   b). **Interview** (test 2) in which the scientific pursuits of the candidate and the proposed topic for the doctoral thesis are analysed.
2. **Field of COMPUTER SCIENCE**
   a). **Oral test** (test 1) based on the admission topics available **here**.

b). **Interview** (test 2) in which the scientific pursuits of the candidate and the proposed topic for the doctoral thesis are analysed.

3. The candidates will be admitted, based on their options and admission scores, on the available state budgeted places (full-time and part-time). The admission score is computed as follows:
   - 40% the grade for the oral test
   - 40% the grade for the interview
   - 20% the average grade of promoting the years of study at the Master level/Advanced Studies or the average grade of promoting the years of study at the Bachelor level for the graduates of the long-time higher education studies from the period prior to the application of the three Bologna cycles (which do not have a Master diploma). In the case of equal admission scores, the grade from the oral test will be considered for ranking

4. Candidates who have obtained at least an average score of 7 will be declared admitted.

METHODOLOGY OF THE TESTS OF THE DOCTORAL ADMISSION EXAM

1. The admission colloquium for the candidates in the fields of **Mathematics** and **Computer Science** will take place on September 9, 2020, at 9.00 and will take place on an online platform chosen by the doctoral school (Microsoft Teams/Skype/Zoom), that will allow simultaneous transmission and reception (*live*), and audio-video content recording.
2. The online platform on which the examination of the candidates will take place, as well as the candidates planning will be communicated at the end of the registration period for the admission exam and will be available online on the website of the Doctoral School.
3. Both tests of the doctoral admission exam (oral test and interview) will take place online, in real time, in front of the examination committee, using the platform chosen by the doctoral school.
4. The tests of the doctoral admission exam taken in online will be recorded in full, separately for each candidate, and will be archived at the doctoral school level.
5. For each candidate, oral test 1 will take place in the same video session as test 2 (interview). Test 2 will take place chronologically after test 1.

The director, the members of the Council and the secretary of the doctoral school will take care of the management of the entire online admission process as well as the organization and proper conduct of the online admission exam. Throughout the admission process, technical assistance will be provided by a committee appointed with the support of the deanship of the Faculty of Mathematics and Computer Science.

Director of the Doctoral School of Mathematics and Computer Science,
Prof. univ. dr. Gabriela Czibula