

# Probability Theory 1

## I. Semester 2020/21

Neptun code: BMETE95AM29

Lecturer: Dr. Balázs Bárány

Instructor: Dr. Gábor Pete

### Midterm requirements:

To fulfil the practical courses and to get the signature:

- **Obligatory homework on every week:** To get the signature, there must be assessable results on at least 70% of the homework sheets. (Namely, if there are at least 8 homework sheets with non-zero given points.) For homework submitted after the deadline but in two days, the received points will be decreased by 30%. Homework submitted later than the deadline+two days can be accepted only in a very justifiable case.  
The submission of homework will be online. Each student will have a dedicated OneDrive folder, where he/she needs to upload the homework before the deadline, possibly in pdf format.
- **Midterm tests on the 6<sup>th</sup> and 12<sup>th</sup> weeks:** To get the signature, the student must score at least 40% on both midterm tests. The 45 minutes long midterm test will take place during the lecture.

There will be two retaken midterm tests on **the 8<sup>th</sup> and 14<sup>th</sup> weeks** for the students who failed to score the 40% or want to increase the score. The exact times and places will be announced later. There will be another retaken test during the week **14<sup>th</sup>-18<sup>th</sup> of December**, on which one of the midterms can be replaced under extra fee only for whom did not reach the minimum 40%.

### Criteria for exam:

The criterion for the exam is the signature for the semester.

### Exam:

During the examination period there will be 100 minutes long written exams, containing theoretical questions and practical exercises. The minimum amount of score, which is required for a successful exam is 40%. The exam of the students, who could not achieve 40%, is considered automatically inadequate. The final score for who had reached 40% on the exam and got the signature, is calculated as follows:

$$\text{homework} * 0.2 + \text{midterm1} * 0.15 + \text{midterm2} * 0.15 + \text{exam} * 0.5$$

The final mark is given by the final score  $x$  as follows:

|                      |              |                 |
|----------------------|--------------|-----------------|
| $x < 40\%$           | fail         | (elégtelen (1)) |
| $40\% \leq x < 55\%$ | pass         | (elégséges (2)) |
| $55\% \leq x < 70\%$ | satisfactory | (közepes (3))   |
| $70\% \leq x < 85\%$ | good         | (jó (4))        |
| $85\% \leq x$        | excellent    | (jeles (5))     |

### Criteria under online teaching and examination:

Under the extraordinary circumstances of mandatory online teaching, the criteria will be changed as follows:

- Homework: unchanged
- Midterm tests: every student may be requested to defend their midterm orally via Teams. The students who are requested to do so will be informed in one week after the test and the oral presentation will be held in two weeks after the test.
- Exam: In case of mandatory online teaching and examination, the exams will be oral exam via Teams, containing theoretical questions and practical exercises. The requirements for the minimum score and the method of calculation of the final mark remains unchanged.

31<sup>th</sup> of August, 2020.