

# Probability Theory 1

## I. Semester 2023/24

Neptun code: BMETE95AM29

Lecturer: Balázs Bárány

Tutor: Bálint Vető

### Attendance requirements:

In order to get the signature for the course, it is obligatory to participate on at least 75% of the practical course (There are 13 lessons during this semester, at most 3 of them could be missed.)

### Midterm requirements:

To fulfil the practical courses and to get the signature:

- **Obligatory homework 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 via Moodle, possibly in pdf format.
- **Midterm tests on the 7<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 1<sup>st</sup> test will be on the 19<sup>th</sup> of October (Thursday) at 8:00, and the second on the 23<sup>rd</sup> of November (Thursday) at 8:00. The exact place will be advertised later.

There will be two retaken midterm tests on **the 9<sup>th</sup> and 14<sup>th</sup> weeks** for the students who failed to score the 40% or want to increase their score. The exact times and places will be announced later. There will be another retaken test during the week of repeats **11<sup>th</sup>-15<sup>th</sup> of December**, on which exactly one of the midterms can be replaced under an extra fee only for whom did not reach the minimum 40%.

### Criteria for the 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 those 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))

28<sup>th</sup> of August 2023.