

**INFORMATION REGARDING THE EXAM  
“PROBABILITY THEORY”  
HS 2023 (401-3601-00L)**

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This note, provided for informational purposes only, is intended to provide a general overview of the exam’s structure and content. Please note that variations may occur.

**VVZ Information.**

**ECTS credits:** 9 credits.

**Language of examination:** English.

**Repetition:** The performance assessment is offered every session. Repetition possible without re-enrolling for the course unit.

**Mode of examination:** Written 120 minutes.

**Written aids:** None.

**Structure and Content.** The exam consists of two parts:

**Part 1 ( $\simeq 30\%$  of the exam) – Single/Multiple Choice Questions:** The questions cover the entire material.

**Part 2 ( $\simeq 70\%$  of the exam) – Exercises:** 2-4 exercises. For this part, the ability to write accurate mathematical arguments will be evaluated. You will not be asked to reproduce proofs from the lecture exactly.

**Additional Remarks:**

- For fairness, we will not answer individual questions about the exam. If you have a question regarding the exam, you may send an email to Ritvik Radhakrishnan (ritvik.radhakrishnan@math.ethz.ch). If we find the answer relevant, we will share it with all students and update this document accordingly.
- For Part 1 of the exam (Multiple Choice), the format will be similar to last semester exam [Wahrscheinlichkeit und Statistik 401-2604-00L].
- For Part 2 of the exam (exercises), the exam of last year [Kortchemski HS 2023 401-3601-00L] can be used as preparation. (Note that the material covered in this course was slightly different.)