

## STATISTICS – Syllabus and General Information

### Requirements

- 1) 70% attendance at the seminars (or calculating a statistical problem or writing a seminar paper)
- 2) Two tests
  - a) for 30 points=TEST (on the 8<sup>th</sup> of April) and
  - b) for 70 points= FINAL EXAM (on the 13<sup>th</sup> of May).

Form of the exam: written. You can gain extra points for tasks and homework.

Evaluation: A (100-90 points), B (89-80), C (79-70), D (69-65), E (64-60), F (59-0).

### LECTURE SCHEDULE

- 1) (19.2.2024) Entrance test and general information, Statistical variables
- 2) (26.2.2024) Quantitative and Qualitative Data Items
- 3) (4.3.2024) Quantitative and Qualitative Data Items
- 4) (11.3.2024) Probability, Random Variable
- 5) (18.3.2024) Discrete Probability Models
- 6) (25.3.2024) Continuous Probability Models
- 7) (1.4.2024) **EASTER MONDAY**
- 8) (8.4.2024) **TEST** (content = 1 – 6 lecture)
- 9) (15.4.2024) **Corrective test** (If you write corrective test, the assessment of the corrective test is taken into account.) Point and Interval Estimates.
- 10) (22.4.2024) Normal Distribution
- 11) (29.4.2024) Exponential Distribution
- 12) (6.5.2024) Hypothesis Testing – Nonparametric Tests (Independence Test, Goodness-Of-Fit Test) and Regression Analysis
- 13) (13.5.2024) **Final exam**