Syllabus for the course: “Introduction to Quantitative Methods: Statistics (Pre-Session)”

1. Course Title: Introduction to Quantitative Methods: Statistics
2. Lecturer: Balázs Krusper
3. No. of Credits. 1 credit (ECTS 1 credits)
4. Semester timing of the course: Pre-Session 2015
5. Relationship with other courses: Followed by Data Analysis 1, 2 and 3.
6. Course Level: MA / MSc first year
7. Background and overall aim of the course.
   This compulsory pre-session course introduces the basic statistical concepts to be used in the Data Analysis courses.
8. The learning outcomes of the course.
   By successfully completing the course the students will be able to:
   - Successfully identify, define and use basic statistical concepts;
   - Apply those concepts in Excel;
9. Textbook(s) /tentative/
   Brase C.H., Brase C.P. - Understandable Statistics: Concepts and Methods
10. Software
    Excel
11. Grading
    Quizzes 20%
    2 Overnight homework assignments 10%
    Exam: 70%
12. More detailed presentation of course contents
    Lecture Topic
    1 Introduction. Basic statistical concepts
    2 Descriptive statistics
    3-4 Probability
    5-6 Probability distributions