1. Information about the program

1.1 Higher education institution	Babeş-Bolyai University
1.2 Faculty	Faculty of Political, Administrative and Communication Sciences
1.3 Departament	Administration and Public Management Department
1.4 Field of study	Administrative Sciences
1.5 Study cycle	II. Master Studies
1.6 The program of study / specialization	Science, Technology and Innovation in Public Governance

2. Discipline data

2.1 Course title		Statistics					
2.2 The discipline holder			Raluca Antonie				
2.3 Holder of seminar activities			Raluca Antonie				
2.4 Year of study	1	2.5 Semester	2	2.6. Type of evaluation	Written Project	2.7 Discipline regime	Mandatory

3. Prerequisites (where applicable)

4.1 curriculum	• -
4.2 competence	• Time management • Communication skills • Using Microsoft Office

4. Specific skills acquired

Professional skills	• Use of statistical toolkit • Capacity to design and implement a research • Use of social research tools and techniques • Capacity to collect data • Capacity to analyze and interpret data
Transversal competences	• Team work • Develop critical thinking • Public speaking and presentation skills • Analysis and synthesis • Develop "empathy and responsiveness" for your audience • Use technology interactivelly

5. Course objectives (based on accumulated skills grid)

5.1 General objective of	Statistics is a craft, and like any other craft, it takes practice to do it well.

the discipline	Therefore, our approach will be hands-on right from the start. You will have opportunities to *learn by doing* in all aspects of the course—in class meetings, the computer lab, and out-of-class assignments.
5.2 Specific objectives	By the end of the course, you should be able to: 1. Formulate good research objectives, hypotesis and design appropriate research. 2. Collect your own data using a variety of methods. 3. Analyze quantitative data using computer-based skills. 4. Critically evaluate your own research and that of other social scientists.

6. Contents

Course	Teaching methods
Variables and Measurement	Presentation. Discussions
Sampling	Presentation. Discussion, debate
Describing Data with Tables and Graphs	Presentation. Discussion, debate
Central Tendency	Presentation. Discussion, debate
Variability	Presentation. Discussion, debate.
Bivariate Analysis	Presentation. Discussion, debate
Probability Distributions	Presentation. Discussion, debate
Association	Presentation. Discussion, debate
Linear Regression	Presentation. Discussion, debate.
Correlation	Presentation. Discussion, debate.
Comparison of Means	Presentation. Discussion, debate
SPSS 1. Databasis	Presentation. Discussion, debate
SPSS 2. Analysis	Presentation. Discussion, debate
Practical applications	Presentation. Discussion, debate

7. Evaluation

Activity type	10.1 Evaluation Criteria	10.2 Evaluation Methods	10.3 Proportion of final grade
Course	Final Project: Statistical analysis used in assessing governance performance	Written project/final paper	100%
Minimum performance standard			
Minimum grade for passing the course is 5			