**Course Description for Teaching Applied Statistics in Geography:**

**First session:**

-Concept

- Hypothesis

- Operational definition

second session:

- Variable

- Scale

third session:

- How to correctly collect data

- Combine and organize data

fourth Session:

- Spss and its nature

- Understanding the content of the software

fifth meeting:

- Types of descriptive and analytical statistics

- Statistical Society and Sample

- Normal data

Session Six:

- Types of descriptive statistics tests including dispersion indicators and center-of-interest (fashion, middle, mean, abundance, percentage, etc.)

Seventh Session:

- Types of descriptive statistics tests (standard deviation, variance, etc.)

Session 8:

- Analytical tests in SPSS environment and familiarity with its overall differences

Ninth meeting:

- Perform T tests in SPSS environment

Tenth Meeting:

- Analysis of variance tests in SPSS environment

Session 11:

- Perform nonparametric tests in SPSS environment

Session Twelve:

- Performing all kinds of correlation tests in SPSS environment

Thirteenth session:

- Performing regression tests in SPSS environment

Session Fourteen, Fifteen and Sixteenth:

- Presentation of project, solving practice and classroom work of students, critique and pathology