

# Statistics for Sociology II

Syllabus Number

STS-102

Compulsory Elective  
2 credit

IKE, Shuichirou

## 1. Course Description

This course aims to develop the ability of statistical analysis on the base of Statistics for Sociology I (Spring). This lecture aims to teach how to test hypotheses statistically for group differences in means (z test, t test) and for an association between two variables (correlation and regression). This lecture also deals with chi-square test as non-parametric test. Moreover we learn Analysis of Variance (ANOVA) and Multi Regression. While learning the elementary statistics, we will be realize the problems in availing manner of the statistics nowadays.