Level: bachelor	
Course title: Statistics (M4-17)	
Status: obligatory	
ECTS: 7	
Requirements: none	

Learning objectives

Acquiring basic knowledge and skills in Statistics.

Learning outcomes

Students will learn the basic notions in Statistics and to solve the practical problems using statistical software.

Syllabus

Theoretical instruction

Population, sample. Sample choice. Statistics and their distributions. Point and interval estimation. Methods of parameter estimation. Hypothesis testing. Neyman-Pearson theorem. Significance tests. Regression analysis.

Practical instruction

Population, sample. Sample choice. Statistics and their distributions. Point and interval estimation. Methods of parameter estimation. Hypothesis testing. Neyman-Pearson theorem. Significance tests. Regression analysis.

Weekly teaching load				Other: 0
Lectures: 3	Exercises: 3	Other forms of teaching: 0	Student research: 0	