

Title <b>Statistics in management</b>	Code <b>1010102121010110549</b>
Field <b>Civil Engineering second-cycle studies</b>	Year / Semester <b>1 / 2</b>
Specialty <b>Costruction Engineering and Management</b>	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: -    Laboratory: <b>1</b> Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Obligatory course

**Assumptions and objectives of the course:**

Recognizes of basic statistical researches methods. Acquire of the skills concerning to carry out investigations, analysis, interpretation of obtain results and using computer systems in practice with respect to statistical analysis.

**Contents of the course (course description):**

The review of techniques and methods of statistical researches concerning building. Stages of statistical researches. The classification of data and statistical indicators to community structure analysis. Form of present of data. Testing and verification of statistical hypotheses. Analysis of correlation of features. Method of dynamics phenomena analysis. Computer support of statistical analysis.

**Introductory courses and the required pre-knowledge:**

Basic knowledge from the range of the data analysis, the correlation of phenomena as well as the statistical inference.

**Courses form and teaching methods:**

lecture: presentations and direct lecture,  
laboratory: statistical analysis of construction market - performed individual task.

**Form and terms of complete the course - requirements and assessment methods:**

lecture: written exam,  
laboratory: confirmation of performed individual task.

**Basic Bibliography:**

**Additional Bibliography:**