

<b>Level:</b> Bachelor with Honours in Geography				
<b>Course title:</b> Quantitative methods in geo-sciences (GI404); dr Stevan Savić				
<b>Status:</b> elective				
<b>ECTS:</b> 6				
<b>Requirements:</b> None				
<b>Learning objectives</b> Students will get information about basic statistical methods, which are widely used in natural and human geography disciplines. Furthermore, students will get knowledge about software packages that support various statistical methods and help in analysis process.				
<b>Learning outcomes</b> Provide adequate theoretical knowledge about statistical methods that have been used in geo-sciences. Students will get knowledge and skills to use these statistical software packages and work on analysis of database.				
<b>Syllabus</b> <i>Theoretical instruction</i> Descriptive statistic; Statistical decision; Regression (linear, multi-linear); Non-parametrical methods; Cluster analysis; Temporal and spatial data.  <i>Practical instruction</i>  Using the software packages (Excel, Statistica and SPSS).				
<b>Weekly teaching load</b>				Other:
Lectures: 2	Exercises: 2	Other forms of teaching:	Student research:	