Specification of the course for the Book of courses

Study program		Applied statistics	
Title of the course		Statistical software II	
Teachers (for lectures)			
Teacher/fellow teacher (for exercises)		Bojana Milošević, Đorđe Kadijević	
ESPB	6	**Status of the course (obligatory (O) /elective (E))**	O

Conditions	
Aim of the course	The aim of the course is to introduce student to statistical software work and enivironment
Course outcomes	Student will be able to use statistical software for more complex statistical analyses. Student will understand data frames in order to perform statisitcal analysis. Student will get familiar with various software environments (R, PSPP, EXCEL, SPSS, Statistica, ...)
Content of the course	
Theoretical classes	
Practical classes	Data input and manipulation in different software. Application of the material form the course Statistics II.
References	
1	Adler, J. (2010) R in a Nutshell, O'Railly Media, Inc.
2	Cohen, Y., Cohen, J. Y. (2008) Statistics and Data with R, Wiley.
3	Deep, R.: Probability and Statistics: With Integrated Software Routines, Academic Press, 2005
4	Field, A.(2005) Discovering Statistics Using SPSS (Introducing Statistical Methods S.) Sage Publications Ltd; 2nd edition.
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The number of contact hours per week during the semester / trimester / year

Lectures	Exercises	DON	Research work	Other classes
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Teaching methods	Exercises and practical work.

Evaluation of knowledge (maximum score 100)

Pre exam duties	points	Final exam	points
homework	20	**Oral exam**	50
seminar	30		