

Faculty of Philosophy / SOCIOLOGY / Quantitative Research Methods

Course:	Quantitative Research Methods			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
6821	Mandatory	3	7	3+3+0
Programs	SOCIOLOGY			
Prerequisites	None			
Aims	Acquainting students with quantitative research strategy in scientific research methodology and training students for independent implementation or participation in research.			
Learning outcomes	The student will be able to create a research plan, to understand the method of conducting survey research, to create a questionnaire and conduct an interview, to understand the basic meaning of classifications and measurements, to understand the goal of studying causal-functional relationships, ways of conducting experiments, form attitude scales, explain types of sampling, independently enters, processes and analyzes data.			
Lecturer / Teaching assistant	Assistant Professor, Nataša Krivokapić			
Methodology	Lectures, seminars, homeworks, workshops, tests, consultations			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction with students and presentation of the curriculum			
I week exercises	Introduction with students and presentation of the curriculum			
II week lectures	Planning the quantitative research			
II week exercises	Planning the quantitative research, workshop			
III week lectures	Survey research			
III week exercises	Survey research, seminar paper presentation, workshop			
IV week lectures	Interview method			
IV week exercises	Interview method, seminar paper presentation			
V week lectures	Classification and measurement			
V week exercises	Classification and measurement, presentation of the seminar paper			
VI week lectures	Basics of studying causal-functional relationships			
VI week exercises	Basics of the study of causal-functional relationships, presentation of the seminar paper			
VII week lectures	Test I			
VII week exercises	Corrective Test I			
VIII week lectures	The experiment			
VIII week exercises	Experiment, seminar paper presentation, workshop			
IX week lectures	Causal analysis of non-experimental data			
IX week exercises	Causal analysis of non-experimental data, presentation of the seminar paper			
X week lectures	Attitude scales			
X week exercises	Scales of attitudes, workshop			
XI week lectures	Pattern design			
XI week exercises	Pattern design, workshop			
XII week lectures	Use of statistical programs for data entry			
XII week exercises	Use of statistical programs for data entry, workshop			
XIII week lectures	Use of statistical programs for data processing			
XIII week exercises	Use of statistical programs for data processing, workshop			
XIV week lectures	Analysis of quantitative data			

XIV week exercises		Analysis of quantitative data, workshop				
XV week lectures		Test II				
XV week exercises		Corrective Test II				
Student workload		Per week: 7 credits x 40/30 = 9 hours and 30 minutes Load structure: 3 hours of lectures 2 hours of exercises 4 hours and 30 minutes of independent work including consultations Per Semester: In Classes and final exam: 9 hours and 30 minutes x 16 = 150 hours Necessary preparations before the beginning of the semester (administration, registration, certification) 2 x (9 hours and 30 minutes) = 19 hours Total workload for the course 7x30 = 210 hours Supplementary work for exam preparation in the make-up exam period, including taking the make-up exam from 0 a.m. to 10 p.m. (remaining time from the first two items to the total workload for the course) Load structure: 150 hours (teaching) + 19 hours (preparation) + 41 hours (additional work)				
Per week		Per semester				
7 credits x 40/30=9 hours and 20 minuts 3 sat(a) theoretical classes 0 sat(a) practical classes 3 excercises 3 hour(s) i 20 minuts of independent work, including consultations		Classes and final exam: 9 hour(s) i 20 minuts x 16 =149 hour(s) i 20 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 9 hour(s) i 20 minuts x 2 =18 hour(s) i 40 minuts Total workload for the subject: 7 x 30=210 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 42 hour(s) i 0 minuts Workload structure: 149 hour(s) i 20 minuts (courses), 18 hour(s) i 40 minuts (preparation), 42 hour(s) i 0 minuts (additional work)				
Student obligations		Students are obliged to attend lectures and excercises regularly, to actively participate in discussion, to present seminar work, do their homework and take the tests and exams				
Consultations		After lectures				
Literature		Milić, V. 1978. Sociološki metod. Beograd: Nolit Bailey, K.D. 1985. Methods of Social Research. New York: The Free Press S. Fajgelj, B. Kuzmanović i B. Đukanović . 2004. Priručnik za socijalna istraživanja. Podgorica: Socen, CID				
Examination methods		Seminar work 5 points, tests (in written form) both 30 points, , final exam – maximum 50 points : E: 51 – 59 D: 60 – 69 C: 70 – 79 B: 80 – 89 A: 90 – 100				
Special remarks		None				
Comment		The plan of implementation of the curriculum students will receive at the beginning of the semester.				
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points