Study program	Study cycle	I study cycle
	Orientation	Regional and Spatial Planning

SUBJECT

Subject name	**Statistics**			
Subject code	Semester	Subject status	ECTS credits	Contact hours
STAT-114/I	I	Optional	2	50
Prerequisites				
Assigned professors and assistants	Subject Leader	Dr. Sc. Fikret Čunjalo, associate professor		
	Teaching Assistants	Mr. Daniela Zubović, senior associate		
Subject objectives	The aim of the course is to introduce students with the basics of statistical methods.			

SUBJECT CONTENT

#	Teaching units	Contact hours			
		L	P	S	C
1	The method of collecting and grouping data. Statistical series	1	1		
2	Frequency. The relative frequency. Cumulants	1	1		
3	Graphical representation of statistical series	1	1	1	1
4	Complete average value	1	1		
5	The rank of the average values	1	1	1	1
6	Measures of dispersion. Measures of asymmetry	1	1		
7	First test	1	1		
8	Definition of probability. A random variable. Models of probability distribution	1	1	1	1
9	Method patterns. Sampling distribution	1	1		
10	Estimation of parameters	1	1	1	1
11	Testing hypotheses about the arithmetic mean	1	1		
12	χ2-test	1	1		
13	Linear Regression Model	1	1		
14	Individual indices. Aggregate indices.	1	1	1	1
15	The model of a linear trend	1	1		

STUDENT WORKLOAD (HOURS)

Contact Hours	30	Practical work		Seminars	5	Exam study time	10
Literature – reading		Written papers		Consultations	5	TOTAL	50

LITERATURE

1. Šošić, I.: Primijenjena statistika, Školska knjiga, Zagreb, 2004
2. Petz, B.: Osnovne statističke metode za nematematičare, Zagreb, 1997

EVALUATION OF KNOWLEDGE AND CRITERIA

	PARAMETERS	Maximum Points	Minimum points
1.	Attendance	5	3
2.	Participation on lectures	5	3
3.	Midterm exams	30	16
4.	Seminar	10	6
5.	Students project		
6.	Final exam	50	27
Total		100	55