Study programmes: Master studies – Mathematics	
Course name: Selected Chapters of Probability Theory	
Lecturers: Pavle. N. Mladenović	
Status: Optional	
ECTS: 8	
Attendance prerequisites: Probability Theory	
Course aims: Getting knowledge of specific parts of the probability theory.	
Course outcome: After finishing course, the student has knowledge of some specific parts of the probability theory and of their impact on investigation of stochastic and statistical models in various areas.	
Course content: It is determined in agreement with the professor and in accordance with the complete program at graduate academic studies.	

Literature:

1. Pavle Mladenović:*Verovatnoća i statistika*, Matematički fakultet, Beograd 2005.
2. А.Н. Ширяев: *Вероятность*, Наука, Москва, 1989.
3. В. Феллер: Введение в теорию вероятностей и ее приложения, Мир, Москва, 1984.

Number of hours: **7**	Lectures: **3**	Tutorials: **4**	Laboratory: **-**	Research: **-**

Teaching and learning methods: Lectures. Solving the exercises.

Assessment (maximal 100 points)				
Course assignments	**points**	**Final exam**	**points**	
Lectures		Written exam		
Exercises / Tutorials	10	Oral exam	40	
Colloquia	40	Written-oral exam		
Essay / Project	10			