

<b>Study program:</b> Integrated academic studies of Pharmacy			
<b>Type and level of the study program:</b> integrated academic studies			
<b>Course title:</b> STATISTICS IN PHARMACY (PhII-STAT)			
<b>Teacher:</b> Zagorka S. Lozanov Crvenković			
<b>Course status:</b> compulsory			
<b>ECTS Credits:</b> 4			
<b>Condition:</b> -			
<b>Course aim</b> Students are offered to learn about basic concepts of statistics and its application in pharmacy.			
<b>Expected outcome of the course:</b> Students acquire basic concepts of statistics: population, sample, characteristics, types of characteristics, assessment of parameters, testing statistical hypotheses. Students learn how to solve basic statistical problems, to evaluate parameters, how to state statistical hypotheses based on problems common in pharmacy, as well as to perform complete hypothesis testing.			
<b>Course description</b> <i>Theoretical education</i> Presentation of statistical data. Numerical characteristics of features. Theoretical classifications. Sample, statistics. Parameter estimation. Hypotheses testing. Analysis of variance. Correlation and regression. Non-parameter methods.  <i>Practical education: exercises</i> Presentation of statistical data. Numerical characteristics of features. Theoretical classifications. Sample, statistics. Parameter estimation. Hypotheses testing. Analysis of variance. Correlation and regression. Non-parameter methods.			
<b>Literature</b> <i>Compulsory</i> M. Bland, An introduction to medical statistics, Oxford University Press, 1996. <i>Additional</i> -			
<b>Number of active classes</b>			Other:
Lectures: 30	Practice: 30	Other types of teaching:	
<b>Teaching methods</b>			
<b>Student activity assessment</b> (maximally 100 points)			
<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures		Written	50
Practices		Oral	
Colloquium	50	.....	
Essay			