

APROB  
 Șef Catedră de medicină socială și  
 management „Nicolae Testemițanu”,  
 dr. hab. șt. med., conf. univ.

  
 Elena RAEVSCHI

Proces verbal nr. 6 din 29 ianuarie 2024

**Themes of lectures, practical seminars and self-training**


**“Biostatistics and Scientific Research Methodology”**

Medicine nr. II Faculty, II<sup>nd</sup> year (spring batch),  
 2023-2024 (semester III)

Week	THEME	Number of hours		
		Lectures	Practical hours	Self-training
1, 2	Introduction to Biostatistics. Types of variables. Graphical presentation of data.	2	4	4
3, 4	Descriptive statistics for quantitative data: measures of central tendency and variability.	2	4	4
5, 6	Descriptive statistics for qualitative data description: ratio, proportion, rate. Data standardization. <b>Midterm test 1 “Descriptive statistics”: 11-15.03.2024</b>	2	4	5
7.	Correlation and regression.	2	2	2
8.	Inferential statistics: basic theoretical concepts. Confidence interval. Hypothesis testing.	1	2	3
9, 10	Parametric and non-parametric tests. <b>Midterm test 2 “Correlation &amp; Inferential statistics”: 08-12.04.2024</b>	1	4	6
11	Introduction to scientific research methodology. Research steps. Observational descriptive studies.	2	2	6
12	Observational analytic studies: case-control and cohort studies.	1	2	3
13	Experimental studies (clinical trials).	1	2	3
14, 15	Presentation of scientific results. Ethics of medical research. Plagiarism. <b>Midterm test 3 “Research Methodology”: 14-17.05.24</b> <b>Presentation of research projects by medical students (self-training): 20-24.05.24</b>	1	4	9
<b>Total</b>		<b>15</b>	<b>30</b>	<b>45</b>

Șef de studii,  
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**Practical class schedule**  
**“Biostatistics and Research Methodology”**  
Medicine nr. II Faculty, II<sup>nd</sup> year (spring batch),  
2023-2024 (semester III)

Day	Time	Group	Room	Professor
Thursday	08.00-09.30	2353p	210	Raevschi E.
		2354p	Aula 3	Mihalaș E.
Friday	09.50-11.20	2350p	210	Raevschi E.
		2351p	209	Mihalaș E.
		2352p	208	Penina O.

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