SYLLABUS

1. Course title:

DRUG FORMULATIONS FOR SPECIAL GROUPS OF PATIENTS

2. Code:

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3. Cycle of study:

1

4. ECTS credits:

2

5. Type of course:

○ Mandatory ◉ Elective

6. Prerequisites:

There are no prerequsites for studing this subject.

7. Class restrictions:

None.

8. Duration / semester:

1 6

9. Weekly contact hours:

	Semester (1)	Semester (2)
	6	6
9.1. Lectures:	2	
9.2. Seminars:	0	
9.3. Laboratory/Practice classes:	0	

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Pharmacy (integrated 1st and 2nd cycles)

12. Lecturer:

Merima Ibišević, phD; Assistant professor

13. Lecturer's e-mail:

merima.ibisevic@untz.ba

14. Web site:

www.frmf.untz.ba

15. Course aims:

Acquaintance of students with the factors that determine the choice of medicine and that contribute to the optimization of therapy in different clinical situations, as well as ways of making, preparing and correcting doses for special groups of patients.

16. Learning outcomes:

At the end of the semester, students will know the formulations intended for special groups of patients, the ways of making and preparing medicines for special groups of patients. Students will learn the basic clinical aspects of various pathological conditions and physiological variables of patients that determine optimal therapy.

17. Course content:

Use of drugs in the pediatric population/in the elderly/in people with liver and kidney diseases/in palliative care (dose adjustment, acceptability, production of pharmaceutical preparations, tests and characterization methods); Clinical aspects and optimization of endocrine disorders therapy; Clinical aspects and optimization of infectious therapydiseases; Clinical aspects and optimization of therapy of rheumatic diseases; Clinical aspects and optimization of therapyneurological disorders; Clinical aspects and optimization of the therapy of psychiatric disorders.

18. Learning methods:

Lectures, exercises, seminar papers, group work, discussion, case study in groups.

19. Assessment methods:

Activity - through attendance at lectures, a student can earn 0-10 points
Seminar paper - by creating and defending a seminar paper, a student can win 40 points
The final exam - the knowledge check implies the consolidation of the entire material covered. The maximum number of points that a student can get on the final exam is 50, and 30 points are required to pass.

The number of points is determined according to the following scale:
Activity 0-10 points
Seminar paper 25-40 points
Final exam 30-50 points

20. Assessment components:

10 (A)-95-100 -outstanding performance without errors or with minor errorss
9 (B)-85-94 -above the average, with some errors
8 (C)-75-84 -average, with noticeable errors
7 (D)-65-74 -generally good, but with significant shortcomings
6 (E)-55-64 -meets the minimum criteria
5 (F,FX)<55 -does not meet the minimum criteria

21. Required reading list:

G. Vuleta. Farmaceutska tehnologija I, Beograd, 2012.
HP Rang, MM Dale, JM Ritter, PK Moore. Farmakologija. Peto izdanje – prevod, Data Status Beograd, 2005.

22. Web sources:

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23. Applicable starting from the academic year:

2023/2024.

24. Adopted in the Faculty/Academy session:

17.11.2025.