SYLLABUS

1. Course title:

PHARMACOLOGY II

2. Code:

3. Cycle of study:

1

4. ECTS credits:

6

5. Type of course:

(●) Mandatory ( ) Elective

6. Prerequisites:

None

7. Class restrictions:

None

8. Duration / semester:

1 8

9. Weekly contact hours:

9.1. Lectures:	3
9.2. Seminars:	0
9.3. Laboratory/Practice classes:	2

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Pharmacy (integrated 1st and 2nd cycle)

12. Lecturer:

13. Lecturer's e-mail:

14. Web site:

www.frmf.untz.ba

15. Course aims:

The student should acquire basic knowledge in special pharmacology.
- acquiring knowledge of the basics and importance of the pharmacology of the cardio-vascular system, respiratory system, gastrointestinal system, chemotherapy, hormones.
- teach students how to implement acquired knowledge in practice.
- improve skills for continuous work and lifelong education.

16. Learning outcomes:

1. Development of medical opinion and adoption of rational drug prescription according to the characteristics of an individual patient (application of pharmacotherapeutic algorithm)
2. Training for the rational prescription of drugs, through the analysis of treatment guidelines, for the most common therapeutic problems (such as insomnia and anxiety)
3. Development of the practical skill of prescribing drugs

17. Course content:

Antimicrobial drugs; Antituberculotic agents; Antiparasitic drugs; Pharmacotherapy of respiratory tract infections; Cytostatics; Pituitary and hypothalamic hormones; Diabetes - treatment; Sex hormones; Treatment of COPD, cough therapy, drugs in the treatment of rhinitis; drugs in the therapy of acute pulmonary edema; Peptic ulcer therapy; Nausea and vomiting therapy; Diarrhea and constipation therapy; Colitis therapy. Pharmacotherapy of the cardiovascular system.

18. Learning methods:

Lectures, exercises,

19. Assessment methods:

1. Pre-exam activities
Class attendance: 5 points
Colloquium (practical classes): Minimum 3 points to pass, maximum 5 points
Partial exam/Test: Minimum 22 points to pass, maximum 40 points

2. Final exam: Minimum 27 points to pass, maximum 50 points.

20. Assessment components:

10 (A) -95-100- outstanding performance without errors or with minor errors
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:

HP Rang, MM Dale, JM Ritter, PK Moore. Farmakologija. Peto izdanje – prevod, Data Status Beograd, 2005.
V Varagić, M Milošević. Farmakologija. Elit Medica Beograd, latest edition or optional

22. Web sources:

23. Applicable starting from the academic year:

2023/2024.

24. Adopted in the Faculty/Academy session:

17.11.2025.