

SYLLABUS

1. Course title:

BASICS OF PHARMACY BUSINESS

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 prerequisites for studying this subject.

7. Class restrictions:

None.

8. Duration / semester:

1

9

9. Weekly contact hours:

Semester (1)

9

Semester (2)

9

9.1. Lectures:

2

9.2. Seminars:

0

9.3. Laboratory/Practice classes:

1

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:

Information about the role and place of pharmacists in the primary, secondary and tertiary level of the health care system, lists of medicines and medical devices. To acquaint students with administrative tasks essential for the pharmaceutical sector, methods and principles of good practice in pharmacy. Through case studies from pharmaceutical practice, students are trained in counseling patients, control and correction of doses, communication with the patient.

16. Learning outcomes:

Pharmacy students will gain knowledge about the principles of the pharmaceutical system as part of primary health care in Bosnia and Herzegovina. They will also acquire knowledge and skills in pharmaceutical communication, dispensing drugs, medical devices, OTC preparations as well as patient counseling. Students will also acquire the skills necessary for the preparation of galenic and magisterial preparations.

17. Course content:

Defining and understanding the BiH health system; Basic list of medicines; Hospital and national drug lists; Public and hospital pharmacies as part of the BiH health system; Activities of pharmacists in daily pharmaceutical practice (planning, procurement of medicines, storage, dispensing); Activity of pharmacists in the daily practice of hospital pharmacy; Pharmaceutical products - groups, formulations and classifications; Medical devices and products for health care (preventive, diagnostic, therapeutic and rehabilitation products); Dispensing prescribed drugs, medical devices and OTC products; Financial calculations, refunds and related administrative work; Production of magisterial and galenic preparations in public and hospital pharmacies; Communication in pharmaceutical care; Patient counseling, pharmaceutical anamnesis; Reliable sources of information in pharmaceutical practice

18. Learning methods:

Lectures, interactive teaching, practical teaching (workshops, case studies from pharmaceutical practice, prescription simulation, product distribution, source of calculations). In a simulated pharmacy, students will practice the material covered in lectures through case studies from practice.

19. Assessment methods:

Activity - through attendance at lectures, a student can earn 0-10 points

Case studies from pharmaceutical practice - 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

Case study from pharmaceutical practice 25-40 points

Final exam 30-50 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:

- Merima Ibišević, Saša Pilipović, Berina Pilipović, Svjetlana Loga Zec, Enida Karić, Alija Uzunović. Izrada farmaceutskih preparata u apoteci. Tuzla - OFF SET, 2024.
- Nenad Ugrešić. Farmakoterapija za farmaceute. Beograd, 2022.

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.