SYLLABUS

1. Course title:

Pharmaceutical Deontology

2. Code:

3. Cycle of study:

1

4. ECTS credits:

2

5. Type of course:

(●) Mandatory ( ) Elective

6. Prerequisites:

NONE

7. Class restrictions:

NONE

8. Duration / semester:

1 6

9. Weekly contact hours:

9.1. Lectures:	1
9.2. Seminars:	0
9.3. Laboratory/Practice classes:	0

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Pharmacy (Integrated study I and II cycle)

12. Lecturer:

Maida Šljivić Husejnović, PhD, Assoc.Prof.

13. Lecturer's e-mail:

maida.sljivic-husejnovic@untz.ba

14. Web site:

www.frmf.untz.ba

15. Course aims:

Acquiring knowledge and skills in the field of quality control and quality assurance in the pharmacy practice, taking into account the applicable legal regulations and ethical codes of pharmacists.

16. Learning outcomes:

At the end of the semester/course, successful students, who have completed their assignments on time in the semester, will:
1. be trained to apply normative ethical principles that are important in quality assurance in pharmacy practice,
2. understand the basic principles of professional communication,
3. be able to distinguish between legal and ethical problems with which pharmacists deal on the daily basis,
4. be able to ensure the quality of health services in the pharmacy practice.

17. Course content:

1. National, European and international legal regulations in the field of pharmaceutical activity.
2. Principles, rights and obligations from health care and health insurance.
3. Pharmacovigilance and materiovigilance.
4. Good pharmacy practice (GPP).
5. Basic principles of good communication in pharmaceutical practice.
6. Communication barriers of pharmacists.
7. Basics of applied ethics in pharmaceutical practice.
8. Ethics in biomedical research.
9. Ethical-legal challenges and dilemmas.
10. Analysis of problems in specific situations of pharmaceutical practice.

18. Learning methods:

Lectures: Students are required to attend lectures and actively participate in them.
Case analysis: Students in groups conduct independent research and critically perform a case analysis from pharmaceutical practice (identification of problems, choice of concept, decision-making and discussion of the decision made).
Seminar paper: Students write a seminar paper based on the collected literature and present it orally.

19. Assessment methods:

Pre-exam activities (minimum 55, maximum 100 points):
Class participation: 0–10 points
Seminar paper: 5–10 points
Case analysis: up to 30 points
Exam: 27–50 points
Class participation: During lectures, students actively participate and demonstrate engagement in class activities. Student activity is assessed with 0–10 points.
Seminar paper: Students write a seminar paper based on collected literature on a given topic and defend it orally. Independent student work is awarded 5–10 points.Case analysis: Students work in groups to independently research and critically analyze a case from pharmaceutical practice (problem identification, concept selection, decision-making, and discussion of decisions made). Based on these activities, students receive 0–30 points. Points earned through project activities contribute to the final grade. If a student achieves enough points from other scheduled activities and assessments during the semester to meet the passing criteria, submission of the project report is not mandatory.
Exam: Students may take the exam after completing the scheduled course units during the semester. To pass the exam, a student must achieve 27–50 points.
Final note: Students must accumulate enough points from pre-exam activities and knowledge assessments during the semester to meet the passing criteria. If a student does not achieve the required points in pre-exam activities, the final exam and any unpassed parts of the exam must be taken during the regular or remedial exam periods.

20. Assessment components:

A student's performance is continuously monitored throughout the course and is expressed in points.

The final grade of a student after all planned forms of assessment is evaluated and graded as follows:
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:

1. Tasić Lj. et al. Komunikacija u farmaceutskoj praksi, 2012.
2. WHO Technical Report Series, No.961, 2011.
3. Grdinić V andVuković J. Farmaceutska etika, deontologija i praksa, 2000.
4. Veatch R.M. and Haddad A. Case studies in pharmacy ethics, 2008.

22. Web sources:

23. Applicable starting from the academic year:

2023/2024.

24. Adopted in the Faculty/Academy session:

17.11.2025.