# SYLLABUS

**1. Course title:**

Drugs Poisoning

**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 7

**9. Weekly contact hours:**

| | |
|---|---|
| 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 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:**

The aims of this course are to introduce the basic principles of clinical toxicology, acute drug poisoning, treatment of the poisoned and the specifics of acute and chronic poisoning of certain groups of drugs.

**16. Learning outcomes:**

Knowledge and skills in the field of clinical toxicology.

**17. Course content:**

Introduction to clinical toxicology.
General principles of treatment of acute and chronic poisoning.
Poisoning with drugs for the treatment of systemic infections.
Poisoning with drugs for the treatment of malignant diseases.
Poisoning by drugs with a hormonal effect.
Poisoning with drugs that act on diseases of the digestive system.
Poisoning by drugs that affect the respiratory system.
Analgesic poisoning.
Opiate and narcotic poisoning.
Poisoning by drugs with an effect on the cardiovascular system.
Poisoning by drugs with an effect on the nervous system.
Poisoning by drugs that act on diseases of the blood and blood-forming organs.
Suicidal drug poisoning.
Toxic drug interactions.
Polypharmacy - risks and benefits.

**18. Learning methods:**

Lectures: Students are required to attend lectures and actively participate in them.
Seminar paper: Students write a seminar paper based on the collected literature and present it orally.
Project: Students in groups conduct independent research in the field of clinical toxicology, and present the research results orally and/or in writing.

**19. Assessment methods:**

Pre-exam activities (min 55, max 100 points)

- Student's activity - 0-10 points
- Seminar paper - 5-10 points
- Project - max. 30 points
- Exam - 27-50 points

Student's Activity: The student actively participates in class during lectures and demonstrates engagement in the work. Student's activity is evaluated with 0-10 points.
Seminar Paper: Students write a seminar paper based on collected literature on the given topic and orally defend it. The student's independent work is graded with 5-10 points.
Project: Students in groups conduct independent research in the field of clinical toxicology, and present the research results orally and/or in writing. Based on the conducted activities, the student is awarded 0-30 points. The student earns points for the grade based on project activities. If the student achieves a sufficient number of points for passing the grade for other planned activities and assessments during the semester, they are not required to submit a report on the completed project.
Exam: Students can take the exam after attending the prescribed teaching units during the semester. To pass the exam, students need to achieve 27-50 points.
Students need to achieve a total number of points satisfying the passing grade criteria for planned activities and assessments during the semester. If a student fails to achieve a sufficient number of points for grading in pre-exam activities, the final exam and the failed parts of the exam are taken in the regular and retake exam dates.

**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. Joksović D. Akutna trovanja lekovima, 1999.
2. Begić A. et al. Eksperimentalna toksikologija sa teoretskim osnovama, 2019.
3. Plavšić F, Žuntar I. Uvod u analitičku toksikologiju, 2006.

**22. Web sources:**

**23. Applicable starting from the academic year:**

2023/2024.

**24. Adopted in the Faculty/Academy session:**

17.11.2025.