

SYLLABUS

1. Course title:

CLINICAL PHARMACY AND PHARMACEUTICAL CARE

2. Code:**3. Cycle of study:**

3

4. ECTS credits:

15

5. Type of course: Mandatory Elective**6. Prerequisites:**

none

7. Class restrictions:

none

8. Duration / semester: 1 2**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:

Pharmaceutical sciences

12. Lecturer:

dr sc Mensura Aščerić full professor

13. Lecturer's e-mail:

mensura.asceric@untz.ba

14. Web site:

www.frmf.untz.ba

15. Course aims:

Acquiring knowledge about: general principles of Clinical pharmacy and pharmaceutical care; evidence-based pharmacy; communications skills in pharmacy; molecular-biochemical bases and principles of drug action, drug biotransformation, drug interactions, pharmacotherapy, pharmacovigilance, personalised pharmacy and medicine.

16. Learning outcomes:

It is expected that students accept and understand general principles of clinical pharmacy and pharmaceutical care; evidence-based pharmacy; communications skills in pharmacy; molecular-biochemical bases and principles of drug action, drug biotransformation, drug interactions, pharmacotherapy, pharmacovigilance, personalised pharmacy and medicine.

17. Course content:

General principles of clinical pharmacy and pharmaceutical care; evidence-based pharmacy; communications skills in pharmacy; molecular-biochemical bases and principles of drug action, drug biotransformation, drug interactions, pharmacotherapy, pharmacovigilance, personalised pharmacy and medicine.

18. Learning methods:

Lectures, seminars (individual or group) and consultations.
Authorized lectures will be available for students in digital form.

19. Assessment methods:

Partial and final exam (oral or written form) for theoretical knowledge; seminars (individual or group).
Final point score is formed in a cumulative way (sum of points from all forms of knowledge checking and student activity) with the point range: 54-100 cumulative points.
If it is officially documented that a student cheated on the exam, the next exam term will be forbidden to them.

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) - 54-64 - meets the minimum criteria

5 (F, FX) <54 - does not meet the minimum criteria.

21. Required reading list:

1. Walker R, Edwards C, urednici. Klinička farmacija i terapija – prijevod udžbenika Clinical Pharmacy and Therapeutics. 2nd edition. Zagreb, Školska knjiga, 2004.
2. Mujagić Z, Mujagić H. Biohemija lijekova. Zlata Mujagić i Hamza Mujagić, Tuzla, 2012.
3. Brunton L, Chabner B, Knollman B (Eds.). Goodman & Gilman's The Pharmacological Basis of Therapeutics, 12th edition., McGrawHill Medical, New York, 2011.
4. Lieberman M, Marks A, Smith C. Marks' Basic Medical Biochemistry-A Clinical approach. Wolters Kluwer/ Lippincott Williams&Wilkins, Philadelphia, 2009.
5. Mujagić Z, Mujagić H. Biohemizmi stanične transdukcije signala (Biochemistry of cell signal transduction). Zlata Mujagić i Hamza Mujagić, Tuzla, 2012.
6. Drug-Drug Interactions: Scientific and Regulatory Perspectives. Izd. Lee A. P., Academic Press, New York 1999.

22. Web sources:**23. Applicable starting from the academic year:**

2012/13.

24. Adopted in the Faculty/Academy session:

10.05.2024.