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:

13. Lecturer's e-mail:

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:

The assessment of theoretical knowledge will be conducted through written and/or oral examinations. As part of the pre-exam obligations, students may prepare an individual or group seminar paper that will cover a specific topic from the course content and will be evaluated separately. The seminar paper is submitted in written form to the course instructor for review and grading, after which it may also be presented orally. In the preparation and presentation of a group seminar paper, all members of the group participate, and each student's contribution is evaluated individually.The final and remedial exam is written and/or oral. All students are eligible to take the final and remedial exam.Assessments in all forms of knowledge testing are recognized as a cumulative exam if the result achieved after each individual assessment is positive and amounts to at least 55% of the total required knowledge and skills.To pass the course, a student must obtain a minimum of 55 cumulative points.If it is proven that a student cheated during the knowledge assessment on the exam, they will not be allowed to take the next exam session.

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. 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.